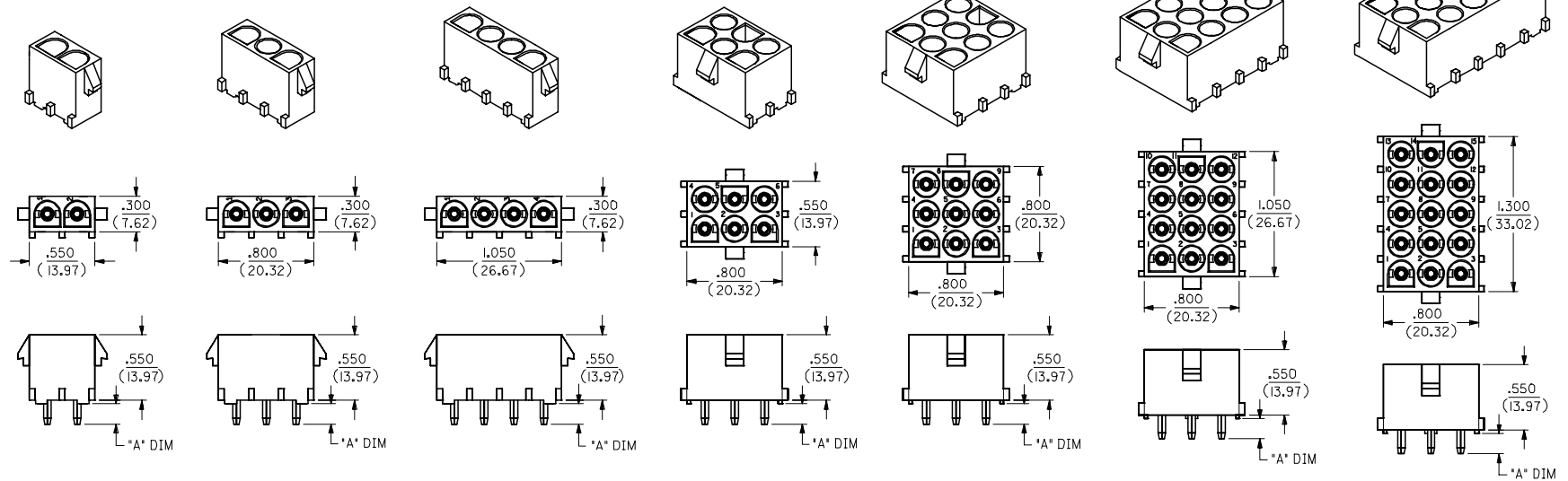
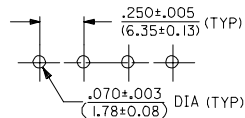




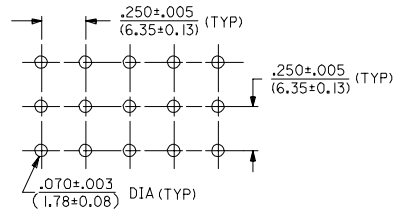
SEE CHARTS FOR "A" DIMENSION

### P.C. BOARD MOUNTING DIMENSIONS

#### 2, 3, & 4 POSITION HEADER ASSEMBLIES



#### 6, 9, 12 & 15 POSITION HEADER ASSEMBLIES



### NOTES:

#### 1) MATERIAL CODES:

"A"= NYLON 6/6, 94V-2, NATURAL  
 "B"= POLYESTER, 94V-0, BRICK RED  
 "C"= POLYESTER, 94V-0, WHITE/NATURAL

#### 2) PLATING CODES:

A = TIN 140m.I (3.50 MICRONS) TO 240m.I ( 6.00 MICRONS).

"B" = 30 m.I./(.076 MICRONS) MINIMUM SELECT GOLD, AND  
 100 m.I./(.254 MICRONS) MINIMUM SELECT TIN  
 50 m.I./(.127 MICRONS) MINIMUM NICKEL OVERALL.

#### 3) TERMINAL LENGTH CODES:

1= TERMINAL FOR .062/(1.57) THICK PC BOARD  
 2= TERMINAL FOR .125/(3.18) THICK PC BOARD

#### 4) DIMENSIONS ARE FOR REFERENCE ONLY UNLESS INDICATED OTHERWISE.

#### 5) HEADER ASSEMBLY HOUSINGS MATE WITH :

- PLUG HOUSINGS, .084/(2.13) DIA. SERIES: (42021-\*\*)

#### 6) CONTACTS ARE ON .250/(6.35) GRID CENTERLINE SPACING.

### LEGEND:

A-42002-\*\*\* \*\*

BASE NUMBER  
 CIRCUIT SIZE  
 MATERIAL CODE (SEE NOTE 1)  
 PIN (1) OR SOCKET (2) TERMINALS  
 TERMINAL PLATING CODE (SEE NOTE 2)  
 TERMINAL LENGTH CODE (SEE NOTE 3)

|                   |  |                 |  |                                                                                                                                                                                |          |                 |          |                                                                                                                               |                                                             |                        |        |
|-------------------|--|-----------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------------|----------|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|------------------------|--------|
| ENTER DESCRIPTION |  | QUALITY SYMBOLS |  | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                                                          |          | DIMENSION STYLE |          | SCALE                                                                                                                         | DESIGN UNITS                                                | THIRD ANGLE PROJECTION |        |
|                   |  |                 |  |                                                                                                                                                                                |          | IN/MM           |          | ---                                                                                                                           | INCH                                                        |                        |        |
| EC NO: 12005-0180 |  | 2006/01/20      |  | <br> | mm       | INCH            | DRAWN BY | DATE                                                                                                                          | TITLE<br>HEADER HOUSING ASSEMBLY<br>.084/(2.13) DIA. SERIES |                        |        |
| DRAWN:SSUDHIR     |  | 2006/01/20      |  |                                                                                                                                                                                | 4 PLACES | ± ---           | ± ---    | SSUDHIR                                                                                                                       |                                                             |                        |        |
| CHKD:GJLOWE       |  | 2006/01/20      |  |                                                                                                                                                                                | 3 PLACES | ± ---           | ± ---    | CHECKED BY                                                                                                                    | DATE                                                        |                        |        |
| APPR:KPRASAD      |  | 2006/01/23      |  |                                                                                                                                                                                | 2 PLACES | ± ---           | ± ---    | GJLOWE                                                                                                                        | 2004/06/08                                                  |                        |        |
| REV               |  |                 |  |                                                                                                                                                                                | 1 PLACE  | ± ---           | ± ---    | APPROVED BY                                                                                                                   | DATE                                                        | MOLEX INCORPORATED     |        |
|                   |  |                 |  | ANGULAR ± ---°                                                                                                                                                                 |          | GJLOWE          |          | 2004/06/08                                                                                                                    |                                                             |                        |        |
|                   |  |                 |  | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                                                     |          | SEE CHART       |          | MATERIAL NO.                                                                                                                  | DOCUMENT NO.                                                | SHEET NO.              |        |
|                   |  |                 |  |                                                                                                                                                                                |          |                 |          | SDA-42002-*****                                                                                                               |                                                             |                        | 1 OF 5 |
|                   |  |                 |  |                                                                                                                                                                                |          | SIZE<br>A2      |          | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                             |                        |        |

**LEGEND:**

A-42002-\*-\*-\*

BASE NUMBER

CIRCUIT SIZE

MATERIAL CODE (SEE NOTE 1)

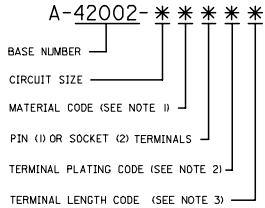
PIN (1) OR SOCKET (2) TERMINALS

TERMINAL PLATING CODE (SEE NOTE 2)

TERMINAL LENGTH CODE (SEE NOTE 3)

|   | 20          | 19             | 18           | 17                               | 16                              | 15                               | 14                              | 13               | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |   |
|---|-------------|----------------|--------------|----------------------------------|---------------------------------|----------------------------------|---------------------------------|------------------|----|----|----|---|---|---|---|---|---|---|---|---|---|
|   | PART NO.    | ENG. NO.       | CIRCUIT SIZE | HOUSING MATERIAL<br>(SEE NOTE 1) | PIN (1) OR SOCKET (2) TERMINALS | TERMINAL PLATING<br>(SEE NOTE 2) | TERMINAL LENGTH<br>(SEE NOTE 3) | 'A' DIM<br>±.015 |    |    |    |   |   |   |   |   |   |   |   |   |   |
| M | 10-84-4 I20 | A-42002-12A1A1 | 12           | A                                | 1                               | A                                | 1                               | .17/(4,3)        |    |    |    |   |   |   |   |   |   |   |   |   | M |
|   | 10-84-4 I21 | A-42002-12B1A1 |              | B                                | 1                               | A                                | 1                               |                  |    |    |    |   |   |   |   |   |   |   |   |   |   |
|   | 10-84-5 I20 | A-42002-12C1A1 |              | C                                | 1                               | A                                | 1                               |                  |    |    |    |   |   |   |   |   |   |   |   |   |   |
|   | 10-84-4 I22 | A-42002-12A2A1 |              | A                                | 2                               | A                                | 1                               |                  |    |    |    |   |   |   |   |   |   |   |   |   |   |
|   | 10-84-4 I23 | A-42002-12B2A1 |              | B                                | 2                               | A                                | 1                               |                  |    |    |    |   |   |   |   |   |   |   |   |   |   |
|   | 10-84-5 I21 | A-42002-12C2A1 |              | C                                | 2                               | A                                | 1                               |                  |    |    |    |   |   |   |   |   |   |   |   |   |   |
| L | PRELIMINARY | A-42002-12A1A2 |              | A                                | 1                               | A                                | 2                               | .23/(5,8)        |    |    |    |   |   |   |   |   |   |   |   |   | L |
|   | PRELIMINARY | A-42002-12B1A2 |              | B                                | 1                               | A                                | 2                               |                  |    |    |    |   |   |   |   |   |   |   |   |   |   |
|   | PRELIMINARY | A-42002-12C1A2 |              | C                                | 1                               | A                                | 2                               |                  |    |    |    |   |   |   |   |   |   |   |   |   |   |
|   | PRELIMINARY | A-42002-12A2A2 |              | A                                | 2                               | A                                | 2                               |                  |    |    |    |   |   |   |   |   |   |   |   |   |   |
|   | PRELIMINARY | A-42002-12B2A2 |              | B                                | 2                               | A                                | 2                               |                  |    |    |    |   |   |   |   |   |   |   |   |   |   |
|   | PRELIMINARY | A-42002-12C2A2 |              | C                                | 2                               | A                                | 2                               |                  |    |    |    |   |   |   |   |   |   |   |   |   |   |
| K | 10-84-4 I50 | A-42002-15A1A1 | 15           | A                                | 1                               | A                                | 1                               | .17/(4,3)        |    |    |    |   |   |   |   |   |   |   |   |   | K |
|   | 10-84-4 I51 | A-42002-15B1A1 |              | B                                | 1                               | A                                | 1                               |                  |    |    |    |   |   |   |   |   |   |   |   |   |   |
|   | 10-84-5 I50 | A-42002-15C1A1 |              | C                                | 1                               | A                                | 1                               |                  |    |    |    |   |   |   |   |   |   |   |   |   |   |
|   | 10-84-4 I52 | A-42002-15A2A1 |              | A                                | 2                               | A                                | 1                               |                  |    |    |    |   |   |   |   |   |   |   |   |   |   |
|   | 10-84-4 I53 | A-42002-15B2A1 |              | B                                | 2                               | A                                | 1                               |                  |    |    |    |   |   |   |   |   |   |   |   |   |   |
|   | 10-84-5 I51 | A-42002-15C2A1 |              | C                                | 2                               | A                                | 1                               |                  |    |    |    |   |   |   |   |   |   |   |   |   |   |
|   | PRELIMINARY | A-42002-15A1A2 |              | A                                | 1                               | A                                | 2                               | .23/(5,8)        |    |    |    |   |   |   |   |   |   |   |   |   |   |
|   | PRELIMINARY | A-42002-15B1A2 |              | B                                | 1                               | A                                | 2                               |                  |    |    |    |   |   |   |   |   |   |   |   |   |   |
|   | PRELIMINARY | A-42002-15C1A2 |              | C                                | 1                               | A                                | 2                               |                  |    |    |    |   |   |   |   |   |   |   |   |   |   |
| J | PRELIMINARY | A-42002-15A2A2 |              | A                                | 2                               | A                                | 2                               |                  |    |    |    |   |   |   |   |   |   |   |   |   | J |
|   | PRELIMINARY | A-42002-15B2A2 |              | B                                | 2                               | A                                | 2                               |                  |    |    |    |   |   |   |   |   |   |   |   |   |   |
|   | PRELIMINARY | A-42002-15C2A2 |              | C                                | 2                               | A                                | 2                               |                  |    |    |    |   |   |   |   |   |   |   |   |   |   |
| I |             |                |              |                                  |                                 |                                  |                                 |                  |    |    |    |   |   |   |   |   |   |   |   |   | I |
|   |             |                |              |                                  |                                 |                                  |                                 |                  |    |    |    |   |   |   |   |   |   |   |   |   |   |
|   |             |                |              |                                  |                                 |                                  |                                 |                  |    |    |    |   |   |   |   |   |   |   |   |   |   |
| H |             |                |              |                                  |                                 |                                  |                                 |                  |    |    |    |   |   |   |   |   |   |   |   |   | H |
|   |             |                |              |                                  |                                 |                                  |                                 |                  |    |    |    |   |   |   |   |   |   |   |   |   |   |
| G |             |                |              |                                  |                                 |                                  |                                 |                  |    |    |    |   |   |   |   |   |   |   |   |   | G |
|   |             |                |              |                                  |                                 |                                  |                                 |                  |    |    |    |   |   |   |   |   |   |   |   |   |   |
| F |             |                |              |                                  |                                 |                                  |                                 |                  |    |    |    |   |   |   |   |   |   |   |   |   | F |
|   |             |                |              |                                  |                                 |                                  |                                 |                  |    |    |    |   |   |   |   |   |   |   |   |   |   |
| E |             |                |              |                                  |                                 |                                  |                                 |                  |    |    |    |   |   |   |   |   |   |   |   |   | E |
|   |             |                |              |                                  |                                 |                                  |                                 |                  |    |    |    |   |   |   |   |   |   |   |   |   |   |
| D |             |                |              |                                  |                                 |                                  |                                 |                  |    |    |    |   |   |   |   |   |   |   |   |   | D |
|   |             |                |              |                                  |                                 |                                  |                                 |                  |    |    |    |   |   |   |   |   |   |   |   |   |   |
| C |             |                |              |                                  |                                 |                                  |                                 |                  |    |    |    |   |   |   |   |   |   |   |   |   | C |
|   |             |                |              |                                  |                                 |                                  |                                 |                  |    |    |    |   |   |   |   |   |   |   |   |   |   |
| B |             |                |              |                                  |                                 |                                  |                                 |                  |    |    |    |   |   |   |   |   |   |   |   |   | B |
|   |             |                |              |                                  |                                 |                                  |                                 |                  |    |    |    |   |   |   |   |   |   |   |   |   |   |
| A |             |                |              |                                  |                                 |                                  |                                 |                  |    |    |    |   |   |   |   |   |   |   |   |   | A |

LEGEND:



EC NO: D2005-0180  
DRAWN BY: SSUDHIR  
CHKD BY: SSUDHIR  
APPROVED BY: GJLOWE  
DATE: 2006/01/20  
DATE: 2006/01/23

QUALITY SYMBOLS  
▽=0  
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)  

|          | mm   | INCH |
|----------|------|------|
| 4 PLACES | ±--- | ±--- |
| 3 PLACES | ±--- | ±--- |
| 2 PLACES | ±--- | ±--- |
| 1 PLACE  | ±--- | ±--- |

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONS

DIMENSION STYLE  
IN/MM  
DRAWN BY: SSUDHIR  
CHECKED BY: GJLOWE  
APPROVED BY: GJLOWE  
DATE: 2004/06/08  
DATE: 2004/06/08  
DATE: 2004/06/08

SCALE  
1:1  
DESIGN UNITS  
INCH  
THIRD ANGLE PROJECTION

TITLE  
HEADER HOUSING ASSEMBLES  
.084/(2.13) DIA. SERIES

MATERIAL NO.  
SEE CHART  
SIZE  
A1

DOCUMENT NO.  
SDA-42002-\*\*\*\*\*  
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SHEET NO.  
3 OF 3

|   | 20          | 19             | 18           | 17                            | 16                              | 15                            | 14                           | 13            | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |  |  |  |  |  |
|---|-------------|----------------|--------------|-------------------------------|---------------------------------|-------------------------------|------------------------------|---------------|----|----|----|---|---|---|---|---|---|---|---|---|--|--|--|--|--|
|   | PART NO.    | ENG. NO.       | CIRCUIT SIZE | HOUSING MATERIAL (SEE NOTE 1) | PIN (1) OR SOCKET (2) TERMINALS | TERMINAL PLATING (SEE NOTE 2) | TERMINAL LENGTH (SEE NOTE 3) | *A* DIM ±.015 |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
| M | 10-84-4024  | A-42002-2A IB1 | 2            | A                             | 1                               | B                             | 1                            | .17/(4,3)     |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   | 10-84-4025  | A-42002-2B IB1 |              | B                             | 1                               | B                             | 1                            |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   | 10-84-5022  | A-42002-2C IB1 |              | C                             | 1                               | B                             | 1                            |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
| L | 10-84-4026  | A-42002-2A2B1  |              | A                             | 2                               | B                             | 1                            |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   | 10-84-4027  | A-42002-2B2B1  |              | B                             | 2                               | B                             | 1                            |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   | 10-84-5023  | A-42002-2C2B1  |              | C                             | 2                               | B                             | 1                            |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
| K | PRELIMINARY | A-42002-2AIB2  |              | A                             | 1                               | B                             | 2                            | .23/(5,8)     |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   | PRELIMINARY | A-42002-2BIB2  |              | B                             | 1                               | B                             | 2                            |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   | PRELIMINARY | A-42002-2CIB2  |              | C                             | 1                               | B                             | 2                            |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
| J | PRELIMINARY | A-42002-2A2B2  |              | A                             | 2                               | B                             | 2                            |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   | PRELIMINARY | A-42002-2B2B2  |              | B                             | 2                               | B                             | 2                            |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   | PRELIMINARY | A-42002-2C2B2  |              | C                             | 2                               | B                             | 2                            |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
| I | 10-84-4034  | A-42002-3A IB1 | 3            | A                             | 1                               | B                             | 1                            | .17/(4,3)     |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   | 10-84-4035  | A-42002-3B IB1 |              | B                             | 1                               | B                             | 1                            |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   | 10-84-5032  | A-42002-3C IB1 |              | C                             | 1                               | B                             | 1                            |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
| H | 10-84-4036  | A-42002-3A2B1  |              | A                             | 2                               | B                             | 1                            |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   | 10-84-4037  | A-42002-3B2B1  |              | B                             | 2                               | B                             | 1                            |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   | 10-84-5033  | A-42002-3C2B1  |              | C                             | 2                               | B                             | 1                            |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
| G | PRELIMINARY | A-42002-3AIB2  |              | A                             | 1                               | B                             | 2                            | .23/(5,8)     |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   | PRELIMINARY | A-42002-3BIB2  |              | B                             | 1                               | B                             | 2                            |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   | PRELIMINARY | A-42002-3CIB2  |              | C                             | 1                               | B                             | 2                            |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
| F | PRELIMINARY | A-42002-3A2B2  |              | A                             | 2                               | B                             | 2                            |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   | PRELIMINARY | A-42002-3B2B2  |              | B                             | 2                               | B                             | 2                            |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   | PRELIMINARY | A-42002-3C2B2  |              | C                             | 2                               | B                             | 2                            |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
| E | 10-84-4044  | A-42002-4A IB1 | 4            | A                             | 1                               | B                             | 1                            | .17/(4,3)     |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   | 10-84-4045  | A-42002-4B IB1 |              | B                             | 1                               | B                             | 1                            |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   | 10-84-5042  | A-42002-4C IB1 |              | C                             | 1                               | B                             | 1                            |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
| D | 10-84-4046  | A-42002-4A2B1  |              | A                             | 2                               | B                             | 1                            |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   | 10-84-4047  | A-42002-4B2B1  |              | B                             | 2                               | B                             | 1                            |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   | 10-84-5043  | A-42002-4C2B1  |              | C                             | 2                               | B                             | 1                            |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
| C | PRELIMINARY | A-42002-4AIB2  |              | A                             | 1                               | B                             | 2                            | .23/(5,8)     |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   | PRELIMINARY | A-42002-4BIB2  |              | B                             | 1                               | B                             | 2                            |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   | PRELIMINARY | A-42002-4CIB2  |              | C                             | 1                               | B                             | 2                            |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
| B | PRELIMINARY | A-42002-4A2B2  |              | A                             | 2                               | B                             | 2                            |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   | PRELIMINARY | A-42002-4B2B2  |              | B                             | 2                               | B                             | 2                            |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   | PRELIMINARY | A-42002-4C2B2  |              | C                             | 2                               | B                             | 2                            |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
| A | 10-84-4064  | A-42002-6A IB1 | 6            | A                             | 1                               | B                             | 1                            | .17/(4,3)     |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   | 10-84-4065  | A-42002-6B IB1 |              | B                             | 1                               | B                             | 1                            |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   | 10-84-5062  | A-42002-6C IB1 |              | C                             | 1                               | B                             | 1                            |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
| Z | 10-84-4066  | A-42002-6A2B1  |              | A                             | 2                               | B                             | 1                            |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   | 10-84-4067  | A-42002-6B2B1  |              | B                             | 2                               | B                             | 1                            |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   | 10-84-5063  | A-42002-6C2B1  |              | C                             | 2                               | B                             | 1                            |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
| Y | PRELIMINARY | A-42002-6AIB2  |              | A                             | 1                               | B                             | 2                            | .23/(5,8)     |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   | PRELIMINARY | A-42002-6BIB2  |              | B                             | 1                               | B                             | 2                            |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   | PRELIMINARY | A-42002-6CIB2  |              | C                             | 1                               | B                             | 2                            |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
| X | PRELIMINARY | A-42002-6A2B2  |              | A                             | 2                               | B                             | 2                            |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   | PRELIMINARY | A-42002-6B2B2  |              | B                             | 2                               | B                             | 2                            |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   | PRELIMINARY | A-42002-6C2B2  |              | C                             | 2                               | B                             | 2                            |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
| W | 10-84-4094  | A-42002-9A IB1 | 9            | A                             | 1                               | B                             | 1                            | .17/(4,3)     |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   | 10-84-4095  | A-42002-9B IB1 |              | B                             | 1                               | B                             | 1                            |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   | 10-84-5092  | A-42002-9C IB1 |              | C                             | 1                               | B                             | 1                            |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
| V | 10-84-4096  | A-42002-9A2B1  |              | A                             | 2                               | B                             | 1                            |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   | 10-84-4097  | A-42002-9B2B1  |              | B                             | 2                               | B                             | 1                            |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   | 10-84-5093  | A-42002-9C2B1  |              | C                             | 2                               | B                             | 1                            |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
| U | PRELIMINARY | A-42002-9AIB2  |              | A                             | 1                               | B                             | 2                            | .23/(5,8)     |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   | PRELIMINARY | A-42002-9BIB2  |              | B                             | 1                               | B                             | 2                            |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   | PRELIMINARY | A-42002-9CIB2  |              | C                             | 1                               | B                             | 2                            |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
| T | PRELIMINARY | A-42002-9A2B2  |              | A                             | 2                               | B                             | 2                            |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   | PRELIMINARY | A-42002-9B2B2  |              | B                             | 2                               | B                             | 2                            |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   | PRELIMINARY | A-42002-9C2B2  |              | C                             | 2                               | B                             | 2                            |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
| S |             |                |              |                               |                                 |                               |                              |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   |             |                |              |                               |                                 |                               |                              |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   |             |                |              |                               |                                 |                               |                              |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
| R |             |                |              |                               |                                 |                               |                              |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   |             |                |              |                               |                                 |                               |                              |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   |             |                |              |                               |                                 |                               |                              |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
| Q |             |                |              |                               |                                 |                               |                              |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   |             |                |              |                               |                                 |                               |                              |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   |             |                |              |                               |                                 |                               |                              |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
| P |             |                |              |                               |                                 |                               |                              |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   |             |                |              |                               |                                 |                               |                              |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   |             |                |              |                               |                                 |                               |                              |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
| O |             |                |              |                               |                                 |                               |                              |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   |             |                |              |                               |                                 |                               |                              |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   |             |                |              |                               |                                 |                               |                              |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
| N |             |                |              |                               |                                 |                               |                              |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   |             |                |              |                               |                                 |                               |                              |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   |             |                |              |                               |                                 |                               |                              |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
| M |             |                |              |                               |                                 |                               |                              |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   |             |                |              |                               |                                 |                               |                              |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   |             |                |              |                               |                                 |                               |                              |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
| L |             |                |              |                               |                                 |                               |                              |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   |             |                |              |                               |                                 |                               |                              |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   |             |                |              |                               |                                 |                               |                              |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
| K |             |                |              |                               |                                 |                               |                              |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   |             |                |              |                               |                                 |                               |                              |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   |             |                |              |                               |                                 |                               |                              |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
| J |             |                |              |                               |                                 |                               |                              |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   |             |                |              |                               |                                 |                               |                              |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   |             |                |              |                               |                                 |                               |                              |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
| I |             |                |              |                               |                                 |                               |                              |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   |             |                |              |                               |                                 |                               |                              |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   |             |                |              |                               |                                 |                               |                              |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
| H |             |                |              |                               |                                 |                               |                              |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   |             |                |              |                               |                                 |                               |                              |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   |             |                |              |                               |                                 |                               |                              |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
| G |             |                |              |                               |                                 |                               |                              |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   |             |                |              |                               |                                 |                               |                              |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   |             |                |              |                               |                                 |                               |                              |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
| F |             |                |              |                               |                                 |                               |                              |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   |             |                |              |                               |                                 |                               |                              |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   |             |                |              |                               |                                 |                               |                              |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
| E |             |                |              |                               |                                 |                               |                              |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   |             |                |              |                               |                                 |                               |                              |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   |             |                |              |                               |                                 |                               |                              |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
| D |             |                |              |                               |                                 |                               |                              |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   |             |                |              |                               |                                 |                               |                              |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |
|   |             |                |              |                               |                                 |                               |                              |               |    |    |    |   |   |   |   |   |   |   |   |   |  |  |  |  |  |

|   |             |                 |              |                                  |                                 |                                  |                                 |                  |    |    |    |   |   |   |   |   |   |   |   |   |
|---|-------------|-----------------|--------------|----------------------------------|---------------------------------|----------------------------------|---------------------------------|------------------|----|----|----|---|---|---|---|---|---|---|---|---|
|   | 20          | 19              | 18           | 17                               | 16                              | 15                               | 14                              | 13               | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
| M | PART NO.    | ENG. NO.        | CIRCUIT SIZE | HOUSING MATERIAL<br>(SEE NOTE 1) | PIN (1) OR SOCKET (2) TERMINALS | TERMINAL PLATING<br>(SEE NOTE 2) | TERMINAL LENGTH<br>(SEE NOTE 3) | *A* DIM<br>±.015 |    |    |    |   |   |   |   |   |   |   |   |   |
|   | I0-84-4 I24 | A-42002-I2A IB1 | 12           | A                                | 1                               | B                                | 1                               | .17/(4,3)        |    |    |    |   |   |   |   |   |   |   |   |   |
|   | I0-84-4 I25 | A-42002-I2B IB1 |              | B                                | 1                               | B                                | 1                               |                  |    |    |    |   |   |   |   |   |   |   |   |   |
|   | I0-84-5 I22 | A-42002-I2C IB1 |              | C                                | 1                               | B                                | 1                               |                  |    |    |    |   |   |   |   |   |   |   |   |   |
|   | I0-84-4 I26 | A-42002-I2A2B1  |              | A                                | 2                               | B                                | 1                               |                  |    |    |    |   |   |   |   |   |   |   |   |   |
|   | I0-84-4 I27 | A-42002-I2B2B1  |              | B                                | 2                               | B                                | 1                               |                  |    |    |    |   |   |   |   |   |   |   |   |   |
|   | I0-84-5 I23 | A-42002-I2C2B1  |              | C                                | 2                               | B                                | 1                               |                  |    |    |    |   |   |   |   |   |   |   |   |   |
| L | PRELIMINARY | A-42002-I2A1B2  |              | A                                | 1                               | B                                | 2                               | .23/(5,8)        |    |    |    |   |   |   |   |   |   |   |   |   |
|   | PRELIMINARY | A-42002-I2B1B2  |              | B                                | 1                               | B                                | 2                               |                  |    |    |    |   |   |   |   |   |   |   |   |   |
|   | PRELIMINARY | A-42002-I2C1B2  |              | C                                | 1                               | B                                | 2                               |                  |    |    |    |   |   |   |   |   |   |   |   |   |
|   | PRELIMINARY | A-42002-I2A2B2  |              | A                                | 2                               | B                                | 2                               |                  |    |    |    |   |   |   |   |   |   |   |   |   |
|   | PRELIMINARY | A-42002-I2B2B2  |              | B                                | 2                               | B                                | 2                               |                  |    |    |    |   |   |   |   |   |   |   |   |   |
|   | PRELIMINARY | A-42002-I2C2B2  |              | C                                | 2                               | B                                | 2                               |                  |    |    |    |   |   |   |   |   |   |   |   |   |
| K | I0-84-4 I54 | A-42002-I5A IB1 | 15           | A                                | 1                               | B                                | 1                               | .17/(4,3)        |    |    |    |   |   |   |   |   |   |   |   |   |
|   | I0-84-4 I55 | A-42002-I5B IB1 |              | B                                | 1                               | B                                | 1                               |                  |    |    |    |   |   |   |   |   |   |   |   |   |
|   | I0-84-5 I52 | A-42002-I5C IB1 |              | C                                | 1                               | B                                | 1                               |                  |    |    |    |   |   |   |   |   |   |   |   |   |
|   | I0-84-4 I56 | A-42002-I5A2B1  |              | A                                | 2                               | B                                | 1                               |                  |    |    |    |   |   |   |   |   |   |   |   |   |
|   | I0-84-4 I57 | A-42002-I5B2B1  |              | B                                | 2                               | B                                | 1                               |                  |    |    |    |   |   |   |   |   |   |   |   |   |
|   | I0-84-5 I53 | A-42002-I5C2B1  |              | C                                | 2                               | B                                | 1                               |                  |    |    |    |   |   |   |   |   |   |   |   |   |
|   | PRELIMINARY | A-42002-I5A1B2  |              | A                                | 1                               | B                                | 2                               | .23/(5,8)        |    |    |    |   |   |   |   |   |   |   |   |   |
|   | PRELIMINARY | A-42002-I5B1B2  |              | B                                | 1                               | B                                | 2                               |                  |    |    |    |   |   |   |   |   |   |   |   |   |
|   | PRELIMINARY | A-42002-I5C1B2  |              | C                                | 1                               | B                                | 2                               |                  |    |    |    |   |   |   |   |   |   |   |   |   |
| J | PRELIMINARY | A-42002-I5A2B2  |              | A                                | 2                               | B                                | 2                               |                  |    |    |    |   |   |   |   |   |   |   |   |   |
|   | PRELIMINARY | A-42002-I5B2B2  |              | B                                | 2                               | B                                | 2                               |                  |    |    |    |   |   |   |   |   |   |   |   |   |
|   | PRELIMINARY | A-42002-I5C2B2  |              | C                                | 2                               | B                                | 2                               |                  |    |    |    |   |   |   |   |   |   |   |   |   |
| I |             |                 |              |                                  |                                 |                                  |                                 |                  |    |    |    |   |   |   |   |   |   |   |   |   |
| H |             |                 |              |                                  |                                 |                                  |                                 |                  |    |    |    |   |   |   |   |   |   |   |   |   |
| G |             |                 |              |                                  |                                 |                                  |                                 |                  |    |    |    |   |   |   |   |   |   |   |   |   |
| F |             |                 |              |                                  |                                 |                                  |                                 |                  |    |    |    |   |   |   |   |   |   |   |   |   |
| E |             |                 |              |                                  |                                 |                                  |                                 |                  |    |    |    |   |   |   |   |   |   |   |   |   |
| D |             |                 |              |                                  |                                 |                                  |                                 |                  |    |    |    |   |   |   |   |   |   |   |   |   |
| C |             |                 |              |                                  |                                 |                                  |                                 |                  |    |    |    |   |   |   |   |   |   |   |   |   |
| B |             |                 |              |                                  |                                 |                                  |                                 |                  |    |    |    |   |   |   |   |   |   |   |   |   |
| A |             |                 |              |                                  |                                 |                                  |                                 |                  |    |    |    |   |   |   |   |   |   |   |   |   |

**LEGEND:**

A-42002-\* \* \* \*

BASE NUMBER                  ↓

CIRCUIT SIZE                 ↓

MATERIAL CODE (SEE NOTE 1) ↓

PIN (1) OR SOCKET (2) TERMINALS ↓

TERMINAL PLATING CODE (SEE NOTE 2) ↓

TERMINAL LENGTH CODE (SEE NOTE 3) ↓

|                                                                             |                    |                               |                                                                                                                                                                                                                                                                                                                                   |        |    |      |          |        |        |          |        |        |          |        |        |         |        |        |
|-----------------------------------------------------------------------------|--------------------|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----|------|----------|--------|--------|----------|--------|--------|----------|--------|--------|---------|--------|--------|
| EC NO: 12005-0180<br>DRAWN BY SSUDHIR<br>CHKD BY SSUDHIR<br>APP'D BY GJLOWE | DESCRIPTION<br>REV | QUALITY SYMBOLS<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)<br><table><tr><td></td><td>mm</td><td>INCH</td></tr><tr><td>4 PLACES</td><td>± .---</td><td>± .---</td></tr><tr><td>3 PLACES</td><td>± .---</td><td>± .---</td></tr><tr><td>2 PLACES</td><td>± .---</td><td>± .---</td></tr><tr><td>1 PLACE</td><td>± .---</td><td>± .---</td></tr></table> |        | mm | INCH | 4 PLACES | ± .--- | ± .--- | 3 PLACES | ± .--- | ± .--- | 2 PLACES | ± .--- | ± .--- | 1 PLACE | ± .--- | ± .--- |
|                                                                             |                    |                               | mm                                                                                                                                                                                                                                                                                                                                | INCH   |    |      |          |        |        |          |        |        |          |        |        |         |        |        |
|                                                                             |                    | 4 PLACES                      | ± .---                                                                                                                                                                                                                                                                                                                            | ± .--- |    |      |          |        |        |          |        |        |          |        |        |         |        |        |
|                                                                             |                    | 3 PLACES                      | ± .---                                                                                                                                                                                                                                                                                                                            | ± .--- |    |      |          |        |        |          |        |        |          |        |        |         |        |        |
| 2 PLACES                                                                    | ± .---             | ± .---                        |                                                                                                                                                                                                                                                                                                                                   |        |    |      |          |        |        |          |        |        |          |        |        |         |        |        |
| 1 PLACE                                                                     | ± .---             | ± .---                        |                                                                                                                                                                                                                                                                                                                                   |        |    |      |          |        |        |          |        |        |          |        |        |         |        |        |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                  |                    | ANGULAR ±1/2°                 |                                                                                                                                                                                                                                                                                                                                   |        |    |      |          |        |        |          |        |        |          |        |        |         |        |        |
| SEE CHART                                                                   |                    |                               |                                                                                                                                                                                                                                                                                                                                   |        |    |      |          |        |        |          |        |        |          |        |        |         |        |        |
| SIZE A1                                                                     |                    |                               |                                                                                                                                                                                                                                                                                                                                   |        |    |      |          |        |        |          |        |        |          |        |        |         |        |        |

|                                                                                                                               |  |                                      |  |                                       |  |
|-------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------|--|---------------------------------------|--|
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