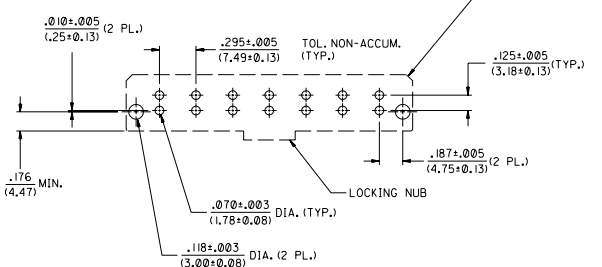


SEE SHEET 2 AND 3 FOR ITEM NUMBER CHART

RECOMMENDED P.C. BOARD LAYOUT FOR 2 THRU 7 CIRCUIT VERTICAL HEADERS

SCALE 2:1

KEEP OUT AREA



NOTES:

- INSULATOR MATERIAL: 30% GLASS FILLED 4/6 NYLON 94V-0
COLOR: BLACK
- TERMINAL MATERIAL: .020/(0.51) THICK C26000 BRASS
- TERMINAL PLATING CODES:
A = 80 MICROINCHES TIN MIN. OVER 40 MICROINCHES COPPER MIN. ON THE SOLDER TAILS.
B = 15 MICROINCHES SELECT GOLD MIN. OVER 50 MICROINCHES NICKEL OVERALL, AND 100 MICROINCHES SELECT TIN* OVER 50 MICROINCHES NICKEL ON THE SOLDER TAILS.
• THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO ROHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC." CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH TIN-LEAD IN THE PC TAILS.
- DIMENSIONS ARE FOR REFERENCE ONLY, UNLESS INDICATED OTHERWISE.
- THESE HEADERS MATE WITH 43179, 43335, OR 44441 RECEPTACLE HOUSINGS.
- SEE SHEETS 1, 2 AND 3, FOR VERTICAL HEADER ASSEMBLIES AND THEIR RESPECTIVE PART NUMBERS.
- SEE SHEETS 4, 5 AND 6, FOR RIGHT ANGLE HEADER ASSEMBLIES AND THEIR RESPECTIVE PART NUMBERS.
- CONTACTS ARE ON .295/(7.49) CENTERLINE SPACING.
- PRODUCT SPECIFICATION: PSX-44441-9999.
- PACKAGING: SEE CHART.
- WHERE APPLICABLE, A .048/(1.22) DIAMETER THRU HOLE, PER NEMA STANDARD DC2-1982, FOR THE PURPOSE OF LOCKING TO A MATING FEMALE TERMINAL.

SOLDER TAIL	DIM. "A" ±.020/(0.51)
SHORT	.150/(3.81)
LONG	.210/(5.33)

BOARD LOCK	DIM. "B" ±.004/(0.15)
.062	.070/(1.78)
.094	.102/(2.59)
.125	.133/(3.38)

F	ADD DIMS UCF2084-489 6-07-04 BW
E	REVISE NOTES UCF2084-489 5-18-04 SCHAFFER
D	REVISED PER UCF2084-489 PELOZA 00/11/28
C1	REVISED PER UCF2084-489 00/03/30 MAGGIE F
C	REVISED PER UCF1999-0510 98/12/02 LENZ
B	REVISED PER UCF1999-0510 LENZ 97/01/04
A2	REVISED PER ECR UCF1999-0510 97/05/29 KBP
A1	REVISED PER ECR UCF1999-0510 MARIANO 97/02/07
A	REVISED PER ECR UCF1999-0510 MARIANO 97/01/15
6 F	REVISED PER ECR UCF1999-0510 96/07/12 KSU
5 C	REVISED PER ECR UCF1999-0510 96/07/12 KSU
4 F	REVISED PER ECR UCF1999-0510 96/07/12 KSU
3 C	REVISED PER ECR UCF1999-0510 96/07/12 KSU
2 C	X-RELEASE ECR UC 0569 95/11/30
1 F	REVISED PER ECR UCF1999-0510 95/11/30

REVISIONS

MOLEX INCORPORATED

SABRE HEADER ASSY'S VERTICAL - 2-7 CIR. 125(3.18) X .020(0.51)

SEE CHART SDA-43160-****

DATE: 95/11/30

SCALE: 3:1

FILE: RAS

ENC. BY: RAS

ENC. DATE: 95/11/30

ENC. TIME: 10:00

ENC. BY: RAS

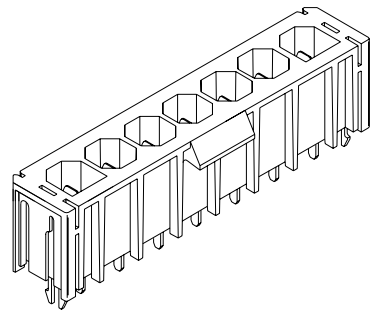
ENC. DATE: 95/11/30

ENC. TIME: 10:00

ENC. BY: RAS

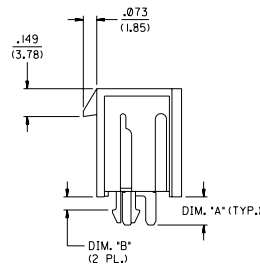
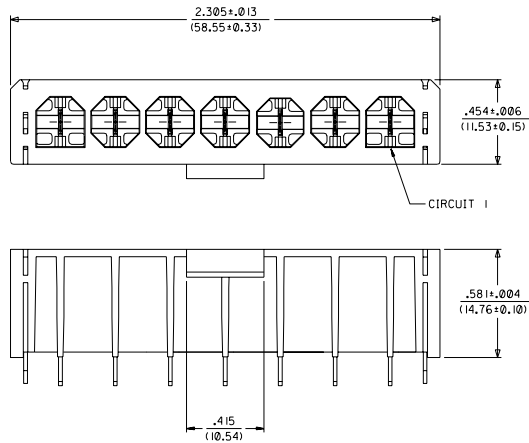
ENC. DATE: 95/11/30

ENC. TIME: 10:00



SOLDER TAIL	DIM. 'A' $\pm .020 / (0.51)$
SHORT	.150 / (3.81)
LONG	.210 / (5.33)

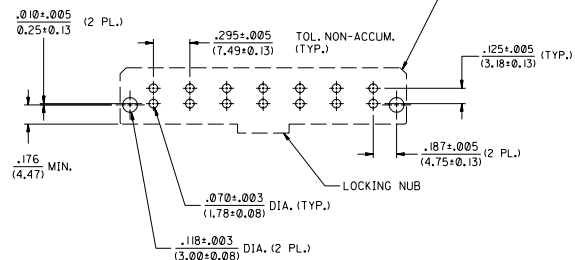
BOARD LOCK	DIM. 'B' $\pm .004 / (0.10)$
.062	.070 / (1.78)
.094	.102 / (2.59)
.125	.133 / (3.38)



VERTICAL HEADER ASSEMBLY ITEM NO.	CIRCUIT SIZE	PART CHARACTERISTICS FOR VERTICAL HEADER				PACKAGING SPECIFICATIONS
		PLATING SIZE (SEE NOTE 3)	SOLDER TAIL	LOCK (NOTE 11)	BOARD LOCK	
X 43160-0107	7	A	SHORT	NO	N/A	PK-43160-0010
X 43160-0207	7	B	SHORT	NO	N/A	PK-43160-0010
X 43160-0307	7	A	LONG	NO	N/A	PK-43789-001
X 43160-0407	7	B	LONG	NO	N/A	PK-43789-001
X 43160-0507	7	A	SHORT	YES	N/A	PK-43160-0010
X 43160-0707	7	B	SHORT	YES	N/A	PK-43160-0010
X 43160-0707	7	A	LONG	YES	N/A	PK-43789-001
X 43160-0807	7	B	LONG	YES	N/A	PK-43789-001
X 43160-2107	7	A	SHORT	NO	.062	PK-43789-001
X 43160-2207	7	B	SHORT	NO	.062	PK-43789-001
X 43160-2507	7	A	SHORT	YES	.062	PK-43789-001
X 43160-2607	7	B	SHORT	YES	.062	PK-43789-001
X 43160-4107	7	A	SHORT	NO	.094	PK-43789-001
X 43160-4207	7	B	SHORT	NO	.094	PK-43789-001
X 43160-4307	7	A	LONG	NO	.094	PK-43789-001
X 43160-4407	7	B	LONG	NO	.094	PK-43789-001
X 43160-4507	7	A	SHORT	YES	.094	PK-43789-001
X 43160-4607	7	B	SHORT	YES	.094	PK-43789-001
X 43160-4707	7	A	LONG	YES	.094	PK-43789-001
X 43160-4807	7	B	LONG	YES	.094	PK-43789-001
X 43160-6307	7	A	LONG	NO	.125	PK-43789-001
X 43160-6407	7	B	LONG	NO	.125	PK-43789-001
X 43160-6707	7	A	LONG	YES	.125	PK-43789-001
X 43160-6807	7	B	LONG	YES	.125	PK-43789-001

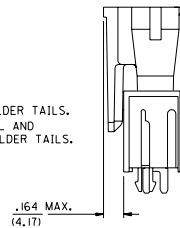
RECOMMENDED P.C. BOARD LAYOUT FOR 2 THRU 7 CIRCUIT VERTICAL HEADERS

SCALE 2:1



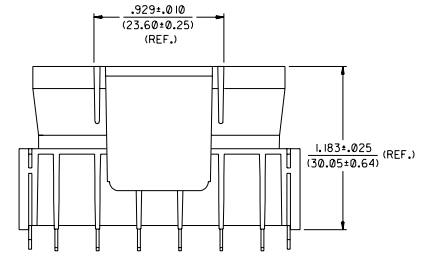
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- PACKAGING: SEE CHART.
- WHERE APPLICABLE, A .048/(1.22) DIAMETER THRU HOLE, PER NEMA STANDARD DC2-1982, FOR THE PURPOSE OF LOCKING TO A MATING FEMALE TERMINAL.



MATED SABRE CONNECTOR

NO SCALE



REV.	DESCRIPTION
F	SEE SHEET 1
E	SEE SHEET 1
D	SEE SHEET 1
C1	SEE SHEET 1
C	SEE SHEET 1
B	SEE SHEET 1

DIMENSIONS SHOWN METRIC INCH		MFG. SH. REV. LTR. REVISIONS	
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE AS FOLLOWS:		REVISE ONLY ON CAD SYSTEM	
PLATE	± .005	SCALE	3:1
PLATE	± .01	DATE	10/03/30
PLATE	± .025	DRW. NO.	48032
DRAFT NOTE: APPLICABLE MUST REMAIN WITH DIMENSIONS		FILE NAME: SDA-43160-001	
SPEC. LEL BY: KBP		TITLE: SABRE HEADER ASSY'S VERTICAL 2-7 CIR.	
APP. RJF		PART NO. MOLEX INCORPORATED	
		SHEET NO. 3	
		SEE CHART SDA-43160-001	