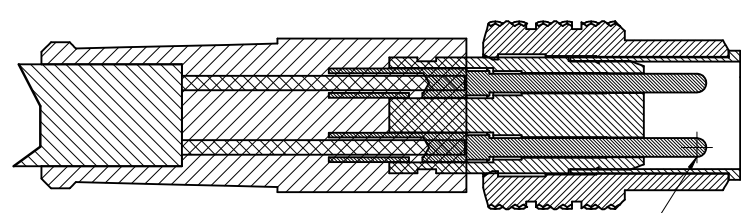


SEC Z-Z  
FOR 3 POLE ONLY



SEC Y-Y  
FOR 4-5 POLE ONLY

MALE INSERT FRONT VIEW		
3 POLE	4 POLE	5 POLE
1 BROWN 3 BLUE 4 BLACK	1 BROWN 2 WHITE 3 BLUE 4 BLACK	1 BROWN 2 WHITE 3 BLUE 4 BLACK 5 GREY

ENTER DESCRIPTION EC NO: WEU2012-0001 DRWNR: SCHIEBER 2011/06/22 CHKDR: ISSNER 2011/07/13 APPR: CBURGER 2011/07/20	DESCRIPTION REV
--	--------------------

QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± .005</td> <td>± .0002</td> </tr> <tr> <td>3 PLACES</td> <td>± .005</td> <td>± .0002</td> </tr> <tr> <td>2 PLACES</td> <td>± .01</td> <td>± .0004</td> </tr> <tr> <td>1 PLACE</td> <td>± .03</td> <td>± .0012</td> </tr> </table> ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		mm	INCH	4 PLACES	± .005	± .0002	3 PLACES	± .005	± .0002	2 PLACES	± .01	± .0004	1 PLACE	± .03	± .0012
	mm	INCH														
4 PLACES	± .005	± .0002														
3 PLACES	± .005	± .0002														
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1 PLACE	± .03	± .0012														

DIMENSION STYLE IN/MM DRAWN BY BWOODMAN CHECKED BY RSTONE APPROVED BY JFMURPHY	DATE 18/08/09 DATE 18/08/09 DATE 18/08/09
---	--

SCALE 5:1 DESIGN UNITS INCH THIRD ANGLE PROJECTION	TITLE CSE M8 XP MA STR PUR PVC UN
MATERIAL NO. SEE CHART	DOCUMENT NO. SD-120027-002
SHEET NO. 1 OF 2	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

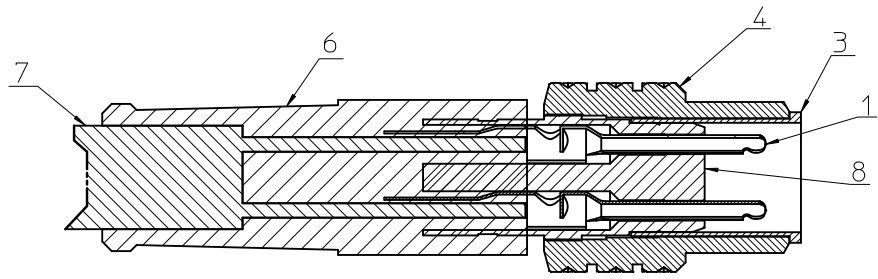
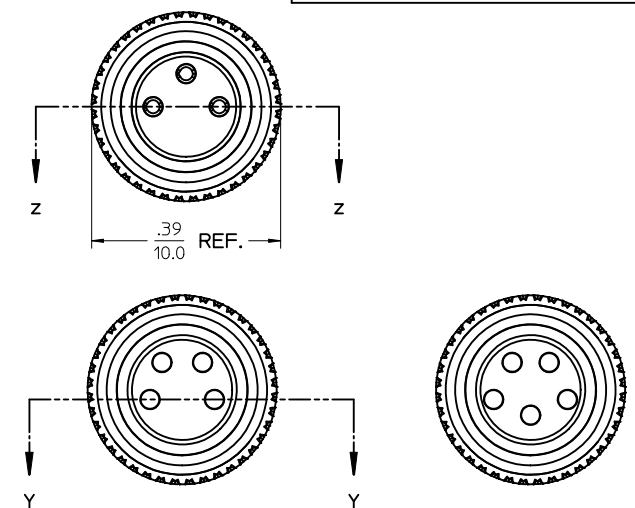
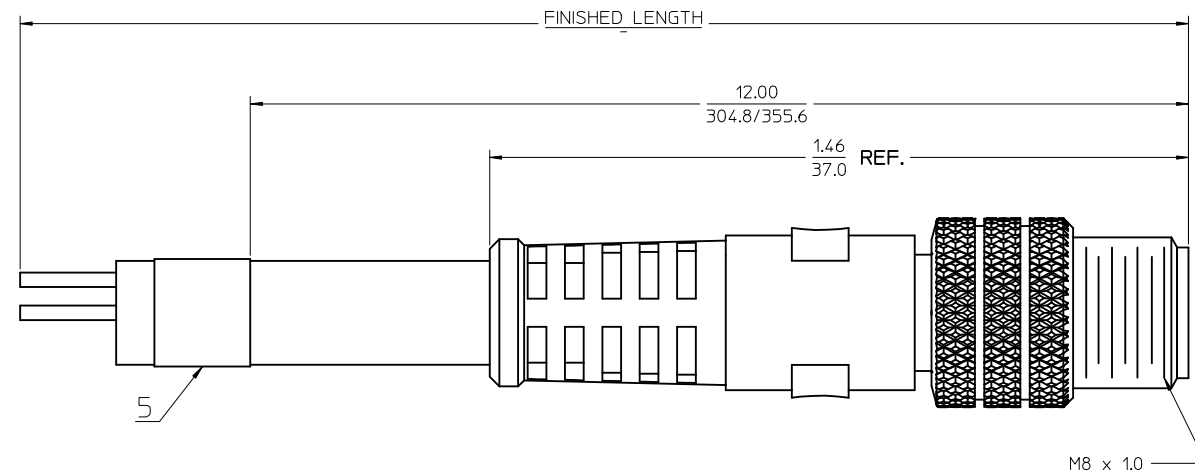
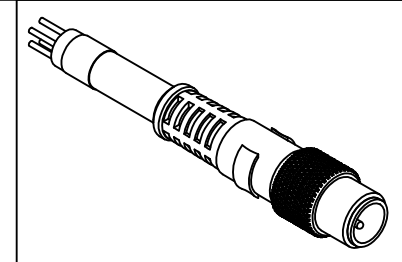
				ASSEMBLY		
				3 POLE	4 POLE	5 POLE
SL.No	DESCRIPTION	MATERIAL	FINISH	QTY		
1	STAMP & FORM CONTACT	COPPER ALLOY	GOLD PLATED	3		
2	SCREW MACHINE CONTACT	COPPER ALLOY	GOLD PLATED		4	5
3	SLEEVE	BRASS	NICKEL PLATED			
4	COUPLING NUT	BRASS	NICKEL PLATED			
5	LABEL	PLASTIC FILM	BLACK/YELLOW	1	1	1
6	OVER MOLD	TPE	YELLOW			
7	CABLE, 24 AWG, 3 CONDUCTOR	PUR JACKET	BLACK	1		
	CABLE, 24 AWG, 4 CONDUCTOR	PUR JACKET	BLACK		1	
	CABLE, 24 AWG, 4 CONDUCTOR	PVC JACKET	BLACK		1	
	CABLE, 24 AWG, 5 CONDUCTOR	PUR JACKET	BLACK			1
8	INSERT MALE 3 POLE	PUR	BLACK	1		
	INSERT MALE 4 POLE	PUR	BLACK		1	
	INSERT MALE 5 POLE	PUR	BLACK			1

PART NUMBER	DESCRIPTION	FINISHED LENGTH	MATERIAL
1200271079	403006P02M010	1M +60MM -0 [3' 3" +2.19" -0]	PUR
1200270911	403006P02M020	2M +90MM -0 [6' 6" +3.5" -0]	PUR
1200270453	403006P02M040	4M +150MM -0 [13' 1" +6" -0]	PUR
1200860474	403006P02M050	5M +150MM -0 [16' 4" +6" -0]	PUR
1200860583	403006P02M060	6M +150MM -0 [19' 7" +6" -0]	PUR
1200270933	403006P02M100	10M +300MM -0 [32' 4" +12" -0]	PUR
1200868372	404006P02M010	1M +60MM -0 [3' 3" +2.19" -0]	PUR
1200868373	404006P02M020	2M +90MM -0 [6' 6" +3.5" -0]	PUR
1200860584	404006P02M040	4M +150MM -0 [13' 1" +6" -0]	PUR
1200868375	404006P02M050	5M +150MM -0 [16' 4" +6" -0]	PUR
1200860585	404006P02M060	6M +150MM -0 [19' 7" +6" -0]	PUR
1200271137	404006P02M100	10M +300MM -0 [32' 4" +12" -0]	PUR
1200270752	405006P02M020	2M +90MM -0 [6' 6" +3.5" -0]	PUR
1200860586	405006P02M040	4M +150MM -0 [13' 1" +6" -0]	PUR
1200270657	405006P02M050	5M +150MM -0 [16' 4" +6" -0]	PUR
1200860587	405006P02M060	6M +150MM -0 [19' 7" +6" -0]	PUR
1200860588	405006P02M100	10M +300MM -0 [32' 4" +12" -0]	PUR
1200868161	404006E02M010	1M +60MM -0 [3' 3" +2.19" -0]	PVC
1200868368	404006E02M020	2M +90MM -0 [6' 6" +3.5" -0]	PVC
1200270376	404006E02M050	5M +150MM -0 [16' 4" +6" -0]	PVC

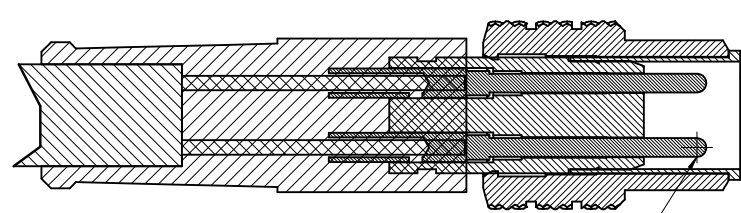
SPECIFICATION
Protection Class - IP67
Voltage Rating - 3 Pole/60V, 4+5 Pole/30V
Contact Current Rating - 3 Amps
Wires: 0.25mm <sup>2</sup> PVC/PUR

<b>ENTER DESCRIPTION</b> EC NO: WEU2012-0001 DRAWN BY: SCHIEBER 2011/06/22 CHKD: REISSNER 2011/07/13 APPR: LOURGER 2011/07/20 B	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 5:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION		
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± .01 1 PLACE ± 0.3 ± ---	mm INCH	DRAWN BY BWOODMAN	DATE 18/08/09	TITLE CSE M8 XP MA STR PUR PVC UN				
		ANGULAR ± 1/2°	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		CHECKED BY RSTONE	DATE 18/08/09	MOLEX INCORPORATED			
		SEE CHART	MATERIAL NO.	APPROVED BY JFMURPHY	DATE 18/08/09	DOCUMENT NO. SD-120027-002	SHEET NO. 2 OF 2			

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION



SEC Z-Z  
FOR 3 POLE ONLY



SEC Y-Y  
FOR 4-5 POLE ONLY

MALE INSERT FRONT VIEW		
3 POLE	4 POLE	5 POLE
1 BROWN 3 BLUE 4 BLACK	1 BROWN 2 WHITE 3 BLUE 4 BLACK	1 BROWN 2 WHITE 3 BLUE 4 BLACK 5 GREY

ENTER DESCRIPTION EC NO: WEU2012-0001 DRWNR: SCHIEBER 2011/06/22 CHKDR: ISSNER 2011/07/13 APPR: CBURGER 2011/07/20	DESCRIPTION REV
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QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± .005</td> <td>± .0002</td> </tr> <tr> <td>3 PLACES</td> <td>± .005</td> <td>± .0002</td> </tr> <tr> <td>2 PLACES</td> <td>± .01</td> <td>± .0004</td> </tr> <tr> <td>1 PLACE</td> <td>± .03</td> <td>± .0012</td> </tr> </table> ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		mm	INCH	4 PLACES	± .005	± .0002	3 PLACES	± .005	± .0002	2 PLACES	± .01	± .0004	1 PLACE	± .03	± .0012
	mm	INCH														
4 PLACES	± .005	± .0002														
3 PLACES	± .005	± .0002														
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DIMENSION STYLE IN/MM DRAWN BY BWOODMAN CHECKED BY RSTONE APPROVED BY JFMURPHY	DATE 18/08/09 DATE 18/08/09 DATE 18/08/09
---	--

SCALE 5:1 DESIGN UNITS INCH THIRD ANGLE PROJECTION	TITLE CSE M8 XP MA STR PUR PVC UN
MATERIAL NO. SEE CHART	DOCUMENT NO. SD-120027-002
SHEET NO. 1 OF 2	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

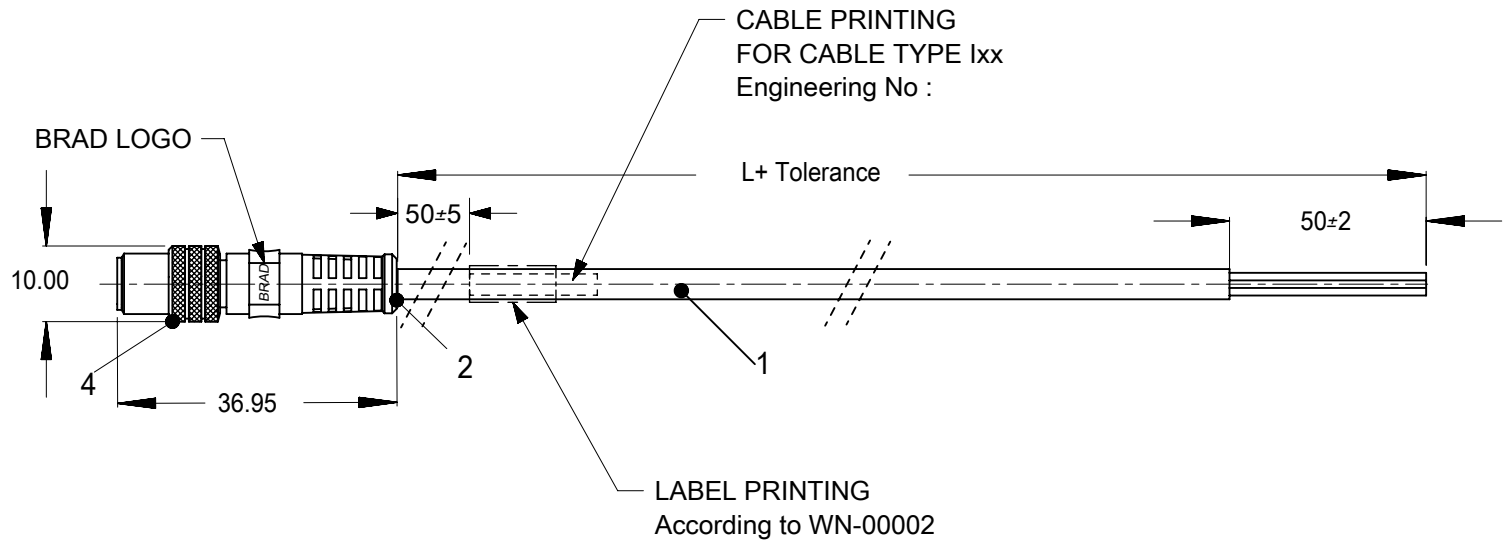
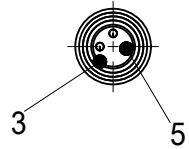
				ASSEMBLY		
				3 POLE	4 POLE	5 POLE
SL.No	DESCRIPTION	MATERIAL	FINISH	QTY		
1	STAMP & FORM CONTACT	COPPER ALLOY	GOLD PLATED	3		
2	SCREW MACHINE CONTACT	COPPER ALLOY	GOLD PLATED		4	5
3	SLEEVE	BRASS	NICKEL PLATED			
4	COUPLING NUT	BRASS	NICKEL PLATED			
5	LABEL	PLASTIC FILM	BLACK/YELLOW	1	1	1
6	OVER MOLD	TPE	YELLOW			
7	CABLE, 24 AWG, 3 CONDUCTOR	PUR JACKET	BLACK	1		
	CABLE, 24 AWG, 4 CONDUCTOR	PUR JACKET	BLACK		1	
	CABLE, 24 AWG, 4 CONDUCTOR	PVC JACKET	BLACK		1	
	CABLE, 24 AWG, 5 CONDUCTOR	PUR JACKET	BLACK			1
8	INSERT MALE 3 POLE	PUR	BLACK	1		
	INSERT MALE 4 POLE	PUR	BLACK		1	
	INSERT MALE 5 POLE	PUR	BLACK			1

PART NUMBER	DESCRIPTION	FINISHED LENGTH	MATERIAL
1200271079	403006P02M010	1M +60MM -0 [3' 3" +2.19" -0]	PUR
1200270911	403006P02M020	2M +90MM -0 [6' 6" +3.5" -0]	PUR
1200270453	403006P02M040	4M +150MM -0 [13' 1" +6" -0]	PUR
1200860474	403006P02M050	5M +150MM -0 [16' 4" +6" -0]	PUR
1200860583	403006P02M060	6M +150MM -0 [19' 7" +6" -0]	PUR
1200270933	403006P02M100	10M +300MM -0 [32' 4" +12" -0]	PUR
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1200860584	404006P02M040	4M +150MM -0 [13' 1" +6" -0]	PUR
1200868375	404006P02M050	5M +150MM -0 [16' 4" +6" -0]	PUR
1200860585	404006P02M060	6M +150MM -0 [19' 7" +6" -0]	PUR
1200271137	404006P02M100	10M +300MM -0 [32' 4" +12" -0]	PUR
1200270752	405006P02M020	2M +90MM -0 [6' 6" +3.5" -0]	PUR
1200860586	405006P02M040	4M +150MM -0 [13' 1" +6" -0]	PUR
1200270657	405006P02M050	5M +150MM -0 [16' 4" +6" -0]	PUR
1200860587	405006P02M060	6M +150MM -0 [19' 7" +6" -0]	PUR
1200860588	405006P02M100	10M +300MM -0 [32' 4" +12" -0]	PUR
1200868161	404006E02M010	1M +60MM -0 [3' 3" +2.19" -0]	PVC
1200868368	404006E02M020	2M +90MM -0 [6' 6" +3.5" -0]	PVC
1200270376	404006E02M050	5M +150MM -0 [16' 4" +6" -0]	PVC

SPECIFICATION
Protection Class - IP67
Voltage Rating - 3 Pole/60V, 4+5 Pole/30V
Contact Current Rating - 3 Amps
Wires: 0.25mm <sup>2</sup> PVC/PUR

<b>ENTER DESCRIPTION</b> EC NO: WEU2012-0001 DRAWN BY: SCHIEBER 2011/06/22 CHKD: REISSNER 2011/07/13 APPR: LOBINGER 2011/07/20 B	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 5:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
		4 PLACES ± --- ± ---	mm INCH	DRAWN BY BWOODMAN	DATE 18/08/09	TITLE CSE M8 XP MA STR PUR PVC UN			
		3 PLACES ± --- ± ---		CHECKED BY RSTONE	DATE 18/08/09	MOLEX INCORPORATED			
		2 PLACES ± --- ± ---		APPROVED BY JFMURPHY		DATE 18/08/09	MATERIAL NO.	DOCUMENT NO. SD-120027-002	SHEET NO. 2 OF 2
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

# STRAIGHT PLUG



**NOTES:**

Temperatur Range -25°C/+80°C  
 Contact Current Rating 3A  
 Voltage Rating 3 poles 60V  
 4-5 poles 30V  
 Protection class IP 67

**Cable:**

E02 = 0,25mm<sup>2</sup>, PVC black  
 H08 = 0,25mm<sup>2</sup>, PUR black, LSOH  
 I02 = 0,25mm<sup>2</sup>, PVC grey irradiated  
 P02 = 0,25mm<sup>2</sup>, PUR/PVC black  
 P08 = 0,25mm<sup>2</sup>, PUR yellow HIFLEX

**CABLE LENGTH TOLERANCES**

LENGTH	TOLERANCE
0m-1m	+40 mm
>1m-5m	+60 mm
>5m-10m	+80 mm
>10m-20m	+140 mm
>20m-30m	+160 mm
>30m	+1% length

5	Contact	Copper Alloy	Gold Plated
4	Coupling Nut	Brass	Ni Plated
3	Insert	PUR	Black
2	Overmold	TPU	Black
1	Cable	See Table	---
ITEM	Part	Material	Finish

3 WIRE		4 WIRE		5 WIRE	
Pin #.	Wire	Pin #.	Wire	Pin #.	Wire
1	Brown	1	Brown	1	Brown
2	-	2	White	2	White
3	Blue	3	Blue	3	Blue
4	Black	4	Black	4	Black
5	-	5	-	5	Grey

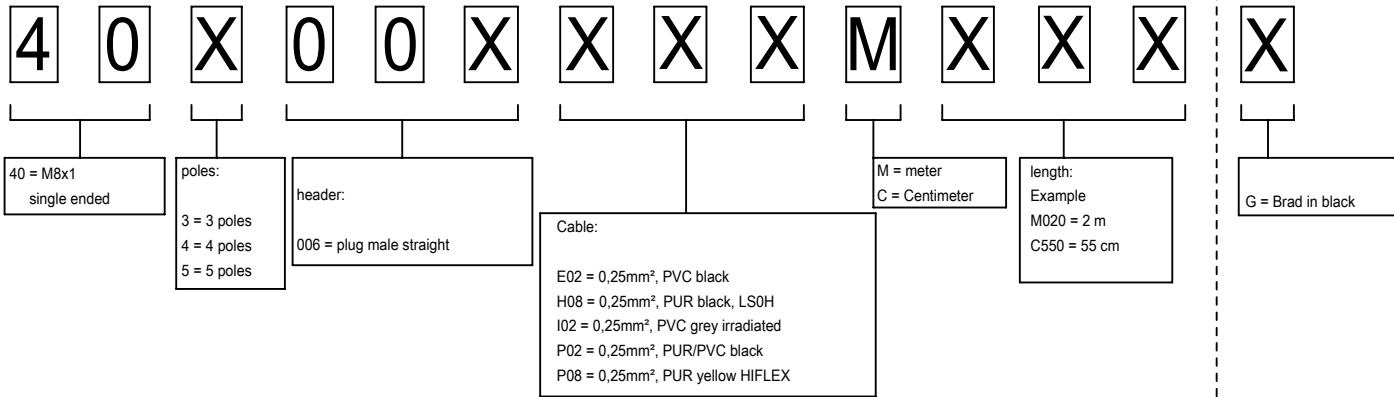
<b>SYMBOLS</b> A = 0 E = 0 F = 0 S = 0 T = 0 U = 0 V = 0 W = 0 X = 0 Y = 0 Z = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: Updated BRAD logo, Overmold Material, Overmold & Insert color		
	DIMENSION UNITS <b>mm</b>	SCALE <b>1:1</b>	<b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b>		
	ANGULAR TOL ± 1.0°		EC NO: 622207 DRWN: MDHARMANTI 2019/08/06 CHK'D: RSILLER 2019/08/13 APPR: RSILLER 2019/08/13		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		INITIAL REVISION: DRWN: APOHL 2011/08/24 APPR: AVOGT 2012/01/18		
THIRD ANGLE PROJECTION		DRAWING <b>A4-SIZE</b>	SERIES <b>120086</b>	DOCUMENT NUMBER <b>SD-120086-002</b>	
CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 3		DOC TYPE <b>PSD</b>	
SHEET NUMBER 1 OF 3		DOC PART <b>001</b>		REVISION <b>A3</b>	

CSE M8 XP XC MA STR XM  
SE UNSH NANO-CHANGE

PRODUCT CUSTOMER DRAWING











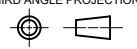
### NUMERICAL CODE

(Available parts see table page 3 ff others on request.)



### Special Types:

G = Brad in black

<b>SYMBOLS</b>  = 0  = 0  = 0  = 0  = 0  = 0  = 0  = 0  = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: Updated BRAD logo, Overmold Material, Overmold & Insert color								
	DIMENSION UNITS <b>mm</b>	SCALE <b>1:1</b>	GENERAL TOLERANCES (UNLESS SPECIFIED)					EC NO: 622207			
	ANGULAR TOL ± 1.0°		4 PLACES ±		DRWN: MDHARMANTI 2019/08/06		CSE M8 XP XC MA STR XM SE UNSH NANO-CHANGE				
	3 PLACES ±		3 PLACES ±		CHK'D: RSILLER 2019/08/13		PRODUCT CUSTOMER DRAWING				
	2 PLACES ± 0.05		2 PLACES ± 0.05		APPR: RSILLER 2019/08/13		INITIAL REVISION:				
	1 PLACE ± 0.3		1 PLACE ± 0.3		DRWN: APOHL 2011/08/24		DOCUMENT NUMBER <b>SD-120086-002</b>		DOC TYPE PSD	DOC PART 001	REVISION <b>A3</b>
	0 PLACES ±		0 PLACES ±		APPR: AVOGT 2012/01/18		MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL MARKET		SHEET NUMBER 2 OF 3
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION 		DRAWING <b>A4-SIZE</b>	SERIES <b>120086</b>					

DOCUMENT STATUS	P1	RELEASE DATE	2019/08/13	10:13:46
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PART LIST:

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1200868228	403006E02M020
1200868304	403006E02M025
1200868305	403006E02M030
1200271420	403006E02M035
1200271421	403006E02M040
1200868306	403006E02M045
1200270105	403006E02M050
1200271422	403006E02M060
1200868307	403006E02M100
1200868387	403006E02M150
1200868390	403006H08M020
1200868078	403006H08M050
1200868310	403006I02M003
1200868311	403006I02M004
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1200868313	403006I02M007
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1200868316	403006I02M014
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1200868318	403006I02M020
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1200271200	403006P02M006
1200271079	403006P02M010
1200270911	403006P02M020

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1200868182	405006P02M012
1200270752	405006P02M020
1200868031	405006P02M030
1200860586	405006P02M040

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1200868855	405006H08M100
1200868433	403006H08M100

<b>SYMBOLS</b> = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: Updated BRAD logo, Overmold Material, Overmold & Insert color					
	DIMENSION UNITS: <b>mm</b> SCALE: <b>1:1</b>	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 622207				CSE M8 XP XC MA STR XM SE UNSH NANO-CHANGE
	ANGULAR TOL ± 1.0°		DRWN: MDHARMANTI 2019/08/06 CHK'D: RSILLER 2019/08/13 APPR: RSILLER 2019/08/13		PRODUCT CUSTOMER DRAWING			
	4 PLACES ±		INITIAL REVISION:		DOCUMENT NUMBER: <b>SD-120086-002</b>			
	3 PLACES ±		DRWN: APOHL 2011/08/24 APPR: AVOGT 2012/01/18		DOC TYPE: PSD DOC PART: 001 REVISION: A3			
	2 PLACES ± 0.05		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NUMBER: SEE TABLE CUSTOMER: GENERAL MARKET SHEET NUMBER: 3 OF 3			
	1 PLACE ± 0.3		THIRD ANGLE PROJECTION		SERIES: <b>A4-SIZE 120086</b>			
	0 PLACES ±		DRAWING:		SEE TABLE			
	0 PLACES ±		SHEET NUMBER: 3 OF 3		GENERAL MARKET			

1. FORMAT: master-ib-prod-A4  
 REVISION: H  
 DATE: 2018/01/18