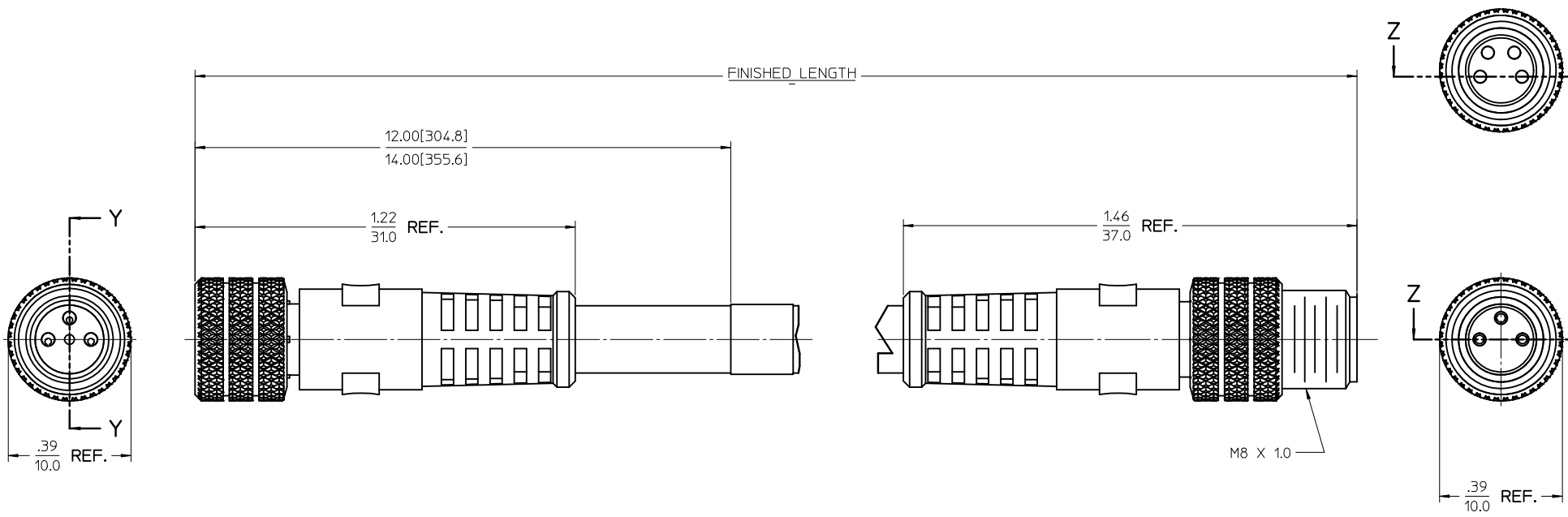


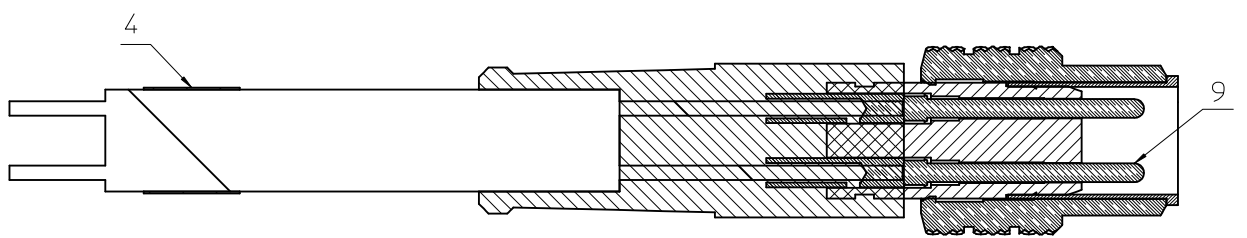
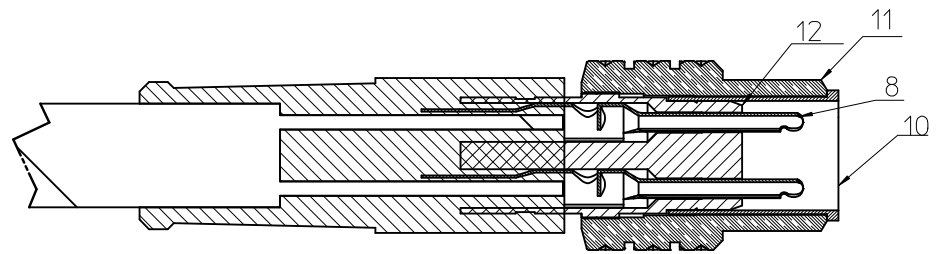
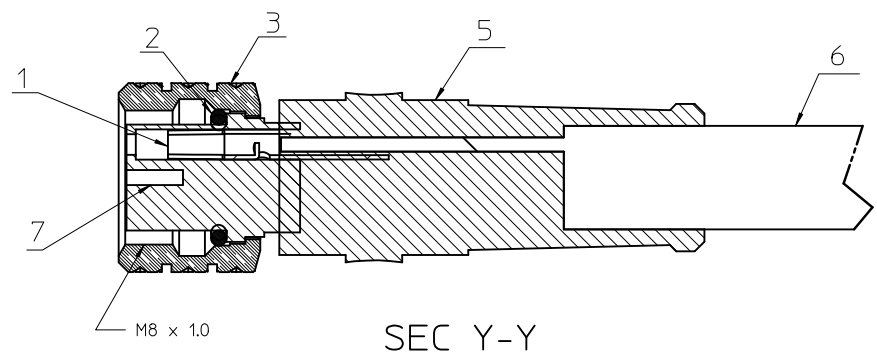
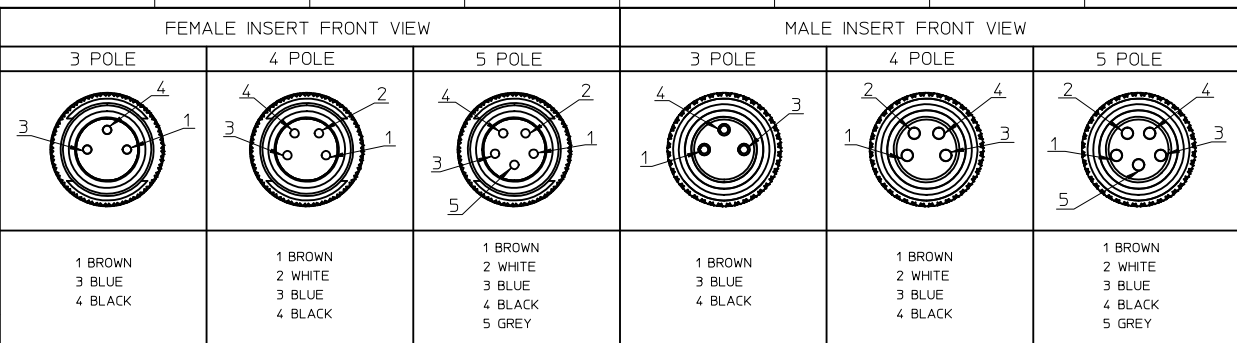
13 12 11 10 9 8 7 6 5 4 3 2 1

J I H G F E D C B A



ENTER DESCRIPTION EC NO: WEU2012-0001 DRW:RSCHLEBER 2011/07/06 CHK:DREISSNER 2011/07/13 APPR:CBURGER 2011/07/20	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION		
		4 PLACES	± .01	± .01	DRAWN BY	DATE	TITLE CSE M8 XP MA FE STR PUR PVC UN			
		3 PLACES	± .01	± .01	BWOODMAN	18/08/09				
		2 PLACES	± .01	± .01	CHECKED BY	DATE	MOLEX INCORPORATED			
1 PLACE	± 0.3	± .01	RSTONE	18/08/09						
ANGULAR ±1/2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY JFMURPHY	DATE 18/08/09	DOCUMENT NO. SD-120028-001		SHEET NO. 1 OF 3		
SEE SHEET 3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

1b_frame_C_P_AM_T Rev. E 2006/04/15 12 11 10 9 8 7 6 5 4 3 2 1



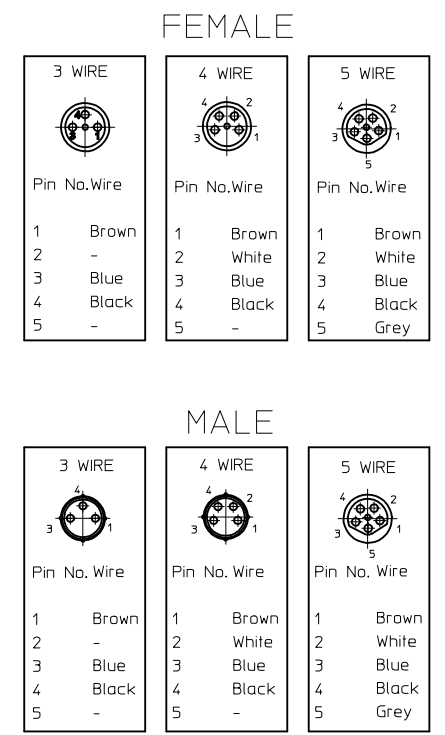
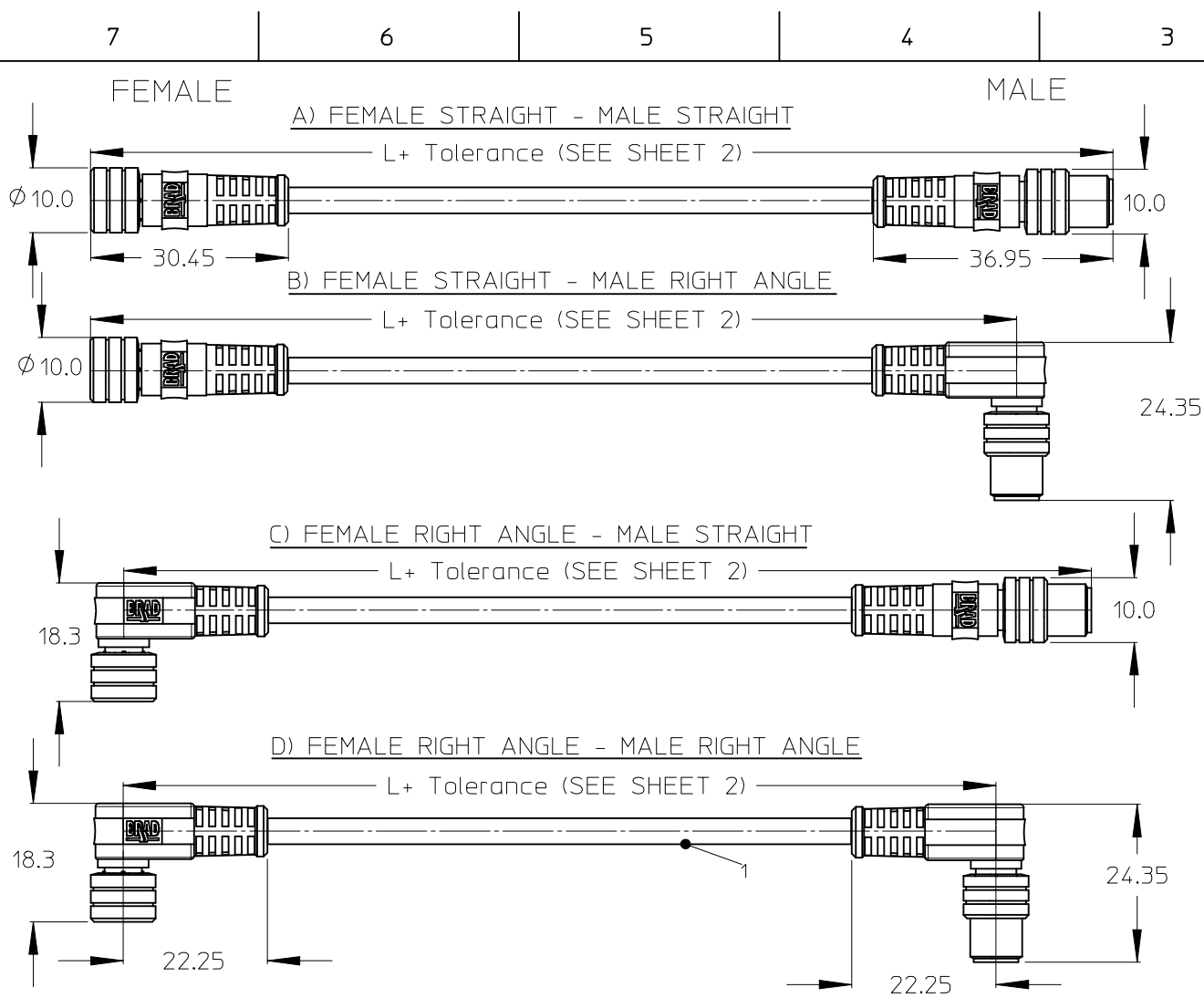
ENTER DESCRIPTION EC NO: WEU2012-0001 DRAWNRSCHIEBER 2011/07/06 CHKDHREISSNER 2011/07/13 APPR:CBURGER 2011/07/20	QUALITY SYMBOLS =0 =0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM	SCALE 5:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION		
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± .01 1 PLACE ± 0.3 ± ---	mm INCH ± --- ± --- ± --- ± .01 ± --- ± ---	DRAWN BY BWOODMAN	DATE 18/08/09	TITLE CSE M8 XP MA FE STR PUR PVC UN			
		APPROVED BY JFMURPHY		DATE 18/08/09	MOLEX INCORPORATED				
		MATERIAL NO. SEE SHEET 3		DOCUMENT NO. SD-120028-001	SHEET NO. 2 OF 3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

PART NUMBER	DESCRIPTION	FINISHED LENGTH	MATERIAL
1200878141	443030P02M006	0.6M +45MM -0 [1' 11" +1.8" -0]	PUR
1200878140	443030P02M010	1M +56MM -0 [3' 3" +2.2" -0]	PUR
1200878293	443030P02M015	1.5M +56MM -0 [4' 11" +2.2" -0]	PUR
1200878294	443030P02M020	2M +90MM -0 [6' 6" +3.5" -0]	PUR
1200878296	443030P02M030	3M +90MM -0 [9' 10" +3.5" -0]	PUR
1200878299	443030P02M040	4M +150MM -0 [13' 1" +6" -0]	PUR
1200878233	443030P02M050	5M +150MM -0 [16' 4" +6" -0]	PUR
1200878358	444030P02M006	0.6M +45MM -0 [1' 11" +1.8" -0]	PUR
1200878359	444030P02M010	1M +56MM -0 [3' 3" +2.2" -0]	PUR
1200878360	444030P02M020	2M +90MM -0 [6' 6" +3.5" -0]	PUR
1200878361	444030P02M030	3M +90MM -0 [9' 10" +3.5" -0]	PUR
1200870686	444030P02M040	4M +150MM -0 [13' 1" +6" -0]	PUR
1200878362	444030P02M050	5M +150MM -0 [16' 4" +6" -0]	PUR
1200870687	445030P02M006	0.6M +45MM -0 [1' 11" +1.8" -0]	PUR
1200281309	445030P02M010	1M +56MM -0 [3' 3" +2.2" -0]	PUR
1200878035	445030P02M020	2M +90MM -0 [6' 6" +3.5" -0]	PUR
1200870688	445030P02M030	3M +90MM -0 [9' 10" +3.5" -0]	PUR
1200878036	445030P02M040	4M +150MM -0 [13' 1" +6" -0]	PUR
1200281310	445030P02M050	5M +150MM -0 [16' 4" +6" -0]	PUR
1200875035	443030E02M006	0.6M +45MM -0 [1' 11" +1.8" -0]	PVC
1200878274	443030E02M015	1.5M +56MM -0 [4' 11" +2.2" -0]	PVC
1200280462	443030E02M050	5M +150MM -0 [16' 4" +6" -0]	PVC

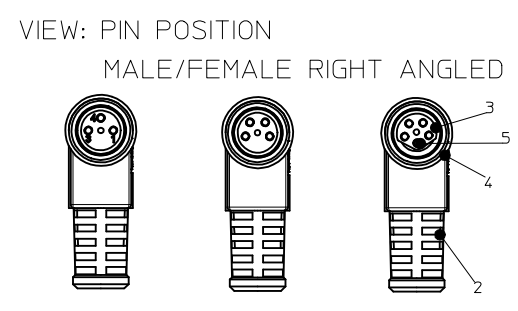
SL.No	DESCRIPTION	MATERIAL	FINISH	FEMALE INSERT ASSEMBLY			MALE INSERT ASSEMBLY		
				3 POLE	4 POLE	5 POLE	3 POLE	4 POLE	5 POLE
1	CONTACT SOCKET	COPPER ALLOY	GOLD PLATED	3	4	5			
2	O-RING	VITON	RED	1	1	1			
3	COUPLING NUT	BRASS	NICKEL PLATED						
4	LABEL	PLASTIC FILM	BLACK/YELLOW	1	1	1	1	1	1
5	OVER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

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

ENTER DESCRIPTION EC NO: WEU2012-0001 DRWNR: SCHIEBER 2011/07/06 CHKDR: ISSNER 2011/07/13 APPR: CJBURGER 2011/07/20	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 ± --- ± --- ± --- ± --- ± .01 ± --- ± 0.3 ± ---	DRAWN BY BWOODMAN	DATE 18/08/09	TITLE CSE M8 XP MA FE STR PUR PVC UN			
		ANGULAR ±1/2°		CHECKED BY RSTONE	DATE 18/08/09	MOLEX INCORPORATED			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY JFMURPHY	DATE 18/08/09	MATERIAL NO. SEE CHART	DOCUMENT NO. SD-120028-001	SHEET NO. 3 OF 3	



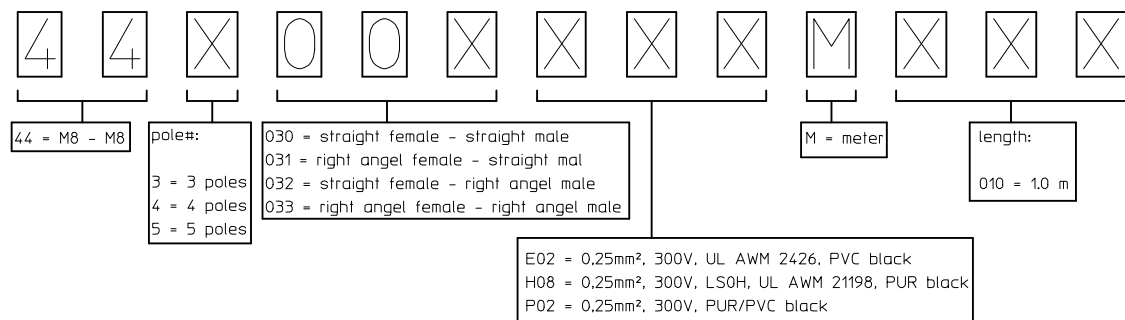
5	Contact	Brass	Gold Plated
4	Coupling Nut	Copper Alloy	Ni Plated
3	Insert	PUR	---
2	Overmold	PUR	---
1	Cabel	See Tabel	---
ITEM	Part	Material	Finish



ENTER DESCRIPTION EC NO: IPG2015-0907 DRWN:BBRAUCH 2014/11/12 CHKD:RSILLER 2014/11/13 APPR:CBURGER 2014/11/27	QUALITY SYMBOLS $\nabla=0$ $\sphericalangle=0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC		THIRD ANGLE PROJECTION	
		4 PLACES \pm --- \pm --- 3 PLACES \pm --- \pm --- 2 PLACES \pm --- \pm --- 1 PLACE \pm --- \pm --- ANGULAR \pm --- °	mm INCH \pm --- \pm --- \pm --- \pm --- \pm --- \pm --- \pm --- \pm ---	DRAWN BY APOHL	DATE 2011/08/25	TITLE CSE M8 XP XC FE MA RA STR XM		molex MOLEX INCORPORATED		SHEET NO. 1 OF 4
2	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY APOHL		DATE 2013/11/22	DOCUMENT NO. SD-120086-003		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

< 1m : +40mm/0 - one rework option for shielded cable
 1-5m : +60mm/0 - one rework option
 5-10m : +80mm/0
 10-20m : +140mm/0 - machine tolerance 0,2% + one rework option for shielded cable
 20-30m : +160mm/0 - machine tolerance 0,2% + one rework option for shielded cable
 >30m : +1%

NUMERICAL CODE:



NOTES:

Temperatur Range: -25°C/+80°C
 Contact Current Rating: 3A
 Voltage Rating: 3 poles 60V
 4+5 poles 30V
 Protection class: IP67

ENTER DESCRIPTION EC NO: IPG2015-0907 DRWN:BBRAUCH 2014/11/12 CHKD:RSILLER 2014/11/13 APPR:CBURGER 2014/11/27	QUALITY SYMBOLS
	DESCRIPTION
2	REV

QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)
▽=0	
∇=0	

4 PLACES ± --- ± ---	mm	INCH
3 PLACES ± --- ± ---		
2 PLACES ± --- ± ---		
1 PLACE ± --- ± ---		
ANGULAR ± ---°		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DIMENSION STYLE MM ONLY	
DRAWN BY APOHL	DATE 2011/08/25
CHECKED BY REISSNER	DATE 2011/08/26
APPROVED BY APOHL	DATE 2013/11/22
MATERIAL NO. SEE TABLE	
SIZE A 4	

SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
TITLE CSE M8 XP XC FE MA RA STR XM		
MOLEX MOLEX INCORPORATED		SHEET NO. 2 OF 4
DOCUMENT NO. SD-120086-003		

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B) Female Straight
- Male Right Angle

Material No.	Eng. No.
1200878320	443032E02M006
1200878321	443032E02M010
1200878522	443032E02M050
1200878501	443032H08M010
1200878322	443032P02M006
1200878323	443032P02M008
1200878324	443032P02M010
1200878325	443032P02M020
1200878326	443032P02M030
1200878327	443032P02M050
1200878374	444032E02M003
1200878503	444032E02M010
1200878506	444032H08M010
1200878375	444032P02M006
1200878376	444032P02M008
1200878504	444032P02M010
1200878377	444032P02M020

C) Female Right Angle
- Male Straight

Material No.	Eng. No.
1200878303	443031E02M003
1200875016	443031E02M006
1200280016	443031E02M010
1200878304	443031E02M015
1200878542	443031E02M015Y
1200878305	443031E02M020
1200878306	443031E02M030
1200878307	443031E02M035
1200878557	443031H08M006
1200878499	443031H08M010
1200878128	443031H08M020
1200878130	443031H08M050
1200878309	443031I02M006
1200878310	443031I02M010
1200878311	443031I02M015
1200878312	443031I02M020
1200878313	443031I02M030
1200878314	443031P02M003
1200878315	443031P02M006
1200878316	443031P02M010
1200878317	443031P02M020
1200878318	443031P02M030
1200878319	443031P02M050
1200878363	444031E02M003
1200878364	444031E02M006
1200878365	444031E02M010
1200878366	444031E02M020
1200878367	444031E02M030

Material No.	Eng. No.
1200878368	444031E02M050
1200878369	444031E02M100
1200878554	444031H08M006
1200878196	444031H08M010
1200878555	444031H08M020
1200878556	444031H08M050
1200878370	444031P02M003
1200878371	444031P02M006
1200878372	444031P02M010
1200878373	444031P02M030

D) Female Right Angle
- Male Right Angle

Material No.	Eng. No.
1200878328	443033E02M006
1200878329	443033E02M010
1200878543	443033E02M010Y
1200878330	443033E02M030
1200878505	443033H08M010
1200878331	443033I02M010
1200878332	443033P02M003
1200878333	443033P02M006
1200878502	443033P02M010
1200878334	443033P02M020
1200878507	444033E02M010
1200878508	444033H08M010
1200878379	444033P02M006
1200878380	444033P02M010
1200878381	444033P02M020
1200878582	444033P02M050

ENTER DESCRIPTION
EC NO: IPG2015-0907
DRWN:BBRAUCH 2014/11/12
CHKD:RSILLER 2014/11/13
APPR:CBURGER 2014/11/27

QUALITY SYMBOLS
▽=0
▽C=0

GENERAL TOLERANCES
(UNLESS SPECIFIED)

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

ANGULAR ±---°
DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY

DRAWN BY	DATE
APOHL	2011/08/25
CHECKED BY	DATE
REISSNER	2011/08/26
APPROVED BY	DATE
APOHL	2013/11/22

SCALE
2:1

DESIGN UNITS
METRIC

THIRD ANGLE
PROJECTION

CSE M8 XP XC
FE MA RA STR XM

molex

MATERIAL NO.
SEE TABLE

DOCUMENT NO.
SD-120086-003

SHEET NO.
4 OF 4

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

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