

F



D



B

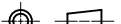
A

1



1

1

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
	DIMENSION UNITS		SCALE		CURRENT REV DESC: SORTED/REVISED PART LIST BY CABLE TYPE, LENGTH		molex					
	mm		2:1									
	GENERAL TOLERANCES (UNLESS SPECIFIED)											
	ANGULAR TOL ± 1.0°											
$\frac{F}{A} = 0$	4 PLACES		±				EC NO: 803942		CSE M8 XP AC MA STR XM SE UNSH AU			
$\frac{F}{C} = 0$	3 PLACES		±		DRWN: RSCHIEBER 2024/11/06							
$\frac{F}{E} = 0$	2 PLACES		± 0.05		CHK'D: RSILLER 2024/11/11							
DIVISIONAL SYMBOLS	1 PLACE		± 0.3		APPR: RSILLER 2024/11/11		PRODUCT CUSTOMER DRAWING					
	0 PLACES		± 0.5		INITIAL REVISION: DRWN: RSCHIEBER 2021/11/23 APPR: RSILLER 2021/11/25		DOCUMENT NUMBER 1200860183		DOC TYPE PSD	DOC PART 000	REVISION A2	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING A3-SIZE	SERIES 120086	MATERIAL NUMBER SEE PART LIST		CUSTOMER GENERAL MARKET	SHEET NUMBER 1 OF 3

	10	9	8	7	6	5	4	3	2	1
F	PART LIST									
	MOLEX PN	ENGINEERING NO.	L [mm]+TOL.	MOLEX PN	ENGINEERING NO.	L [mm]	MOLEX PN	ENGINEERING NO.	L [mm]+TOL.	
	4P CABLE A10			3P CABLE H08			3P CABLE P02			
	1200860183	404006A10M020	2000+60	1200868496	403006H08M010	1000+40	1200271332	403006P02M003	300+40	
	3P CABLE E02			1200868390	403006H08M020	2000+60	1200271179	403006P02M004	400+40	
	1200868302	403006E02M002	200+40	1200868078	403006H08M050	5000+60	1200271327	403006P02M005	500+40	
	1200270459	403006E02M003	300+40	1200868433	403006H08M100	10000+80	1200271200	403006P02M006	600+40	
	1200868056	403006E02M006	600+40	4P CABLE H08			1200271079	403006P02M010	1000+40	
	1200270364	403006E02M010	1000+40	1200868408	404006H08M003	300+40	1200270911	403006P02M020	2000+60	
	1200868681	403006E02M010H	1000+40	1200868900	404006H08M005	500+40	1200868514	403006P02M030	3000+60	
E	1200868303	403006E02M015	1500+60	1200868409	404006H08M010	1000+40	1200270453	403006P02M040	4000+60	
	1200868228	403006E02M020	2000+60	1200868392	404006H08M020	2000+60	1200860474	403006P02M050	5000+60	
	1200868471	403006E02M020Y	2000+60	1200868227	404006H08M050	5000+60	1200868515	403006P02M075	7500+80	
	1200868695	403006E02M020H	2000+60	1200868488	404006H08M100	10000+80	1200270933	403006P02M100	10000+80	
	1200868305	403006E02M030	3000+60	5P CABLE H08			4P CABLE P02			
	1200271420	403006E02M035	3500+60	1200868853	405006H08M010	1000+40	1200868562	404006P02M002	200+40	
	1200868682	403006E02M035H	3500+60	1200868397	405006H08M020	2000+60	1200868371	404006P02M004G	400+40	
	1200271421	403006E02M040	4000+60	1200868854	405006H08M050	5000+60	1200868372	404006P02M010	1000+40	
	1200868683	403006E02M040H	4000+60	1200868855	405006H08M100	10000+80	1200868373	404006P02M020	2000+40	
	1200868684	403006E02M045H	4500+60	3P CABLE I12			1200868374	404006P02M030G	3000+40	
	1200270105	403006E02M050	5000+60	1200868047	403006I12C550	550+40	1200868375	404006P02M050	5000+60	
D	1200271422	403006E02M060	6000+80	1200270659	403006I12M006	600+40	1200868376	404006P02M050G	5000+60	
	1200868307	403006E02M100	10000+80	1200270547	403006I12M010	1000+40	1200868377	404006P02M100	10000+80	
	1200868720	403006E02M100H	10000+80	1200868425	403006I12M050	5000+60	5P CABLE P02			
	1200868387	403006E02M150	15000+140	1200868426	403006I12M100	10000+80	1200868755	405006P02C180	180+40	
	1200868472	403006E02M150Y	15000+140	1200868421	403006I12M150	15000+140	1200270588	405006P02M005	500+40	
	1200868304	403006E02M025	25000+60	3P CABLE I02			1200270877	405006P02C550	550+40	
	1200868306	403006E02M045	45000+60	1200868310	403006I02M003	300+40	1200868512	405006P02C550Y	550+40	
	4P CABLE E02			1200868308	403006I02C350	350+40	1200868087	405006P02M010	1000+40	
	1200868366	404006E02C550	550+40	1200868311	403006I02M004	400+40	1200868182	405006P02M012	1200+60	
	1200868161	404006E02M010	1000+40	1200868309	403006I02C450	450+40	1200270752	405006P02M020	2000+60	
	1200868367	404006E02M015	1500+60	1200868312	403006I02M006	600+40	1200868680	405006P02M020Y	2000+60	
C	1200868368	404006E02M020	2000+60	1200868313	403006I02M007	700+40	1200868031	405006P02M030	3000+60	
	1200270376	404006E02M050	5000+60	1200868314	403006I02M010	1000+40	1200860586	405006P02M040	4000+60	
	1200868369	404006E02M100	10000+80	1200868315	403006I02M011	1100+60	1200270657	405006P02M050	5000+60	
	5P CABLE E02			1200868316	403006I02M014	1400+60	1200860588	405006P02M100	10000+80	
	1200868152	405006E02M010	1000+40	1200868317	403006I02M015	1500+60	3P CABLE I70			
	1200868173	405006E02M020	2000+40	1200868318	403006I02M020	2000+60	1200868437	403006I70M050	5000+60	
	1200868573	405006E02M030	3000+60	1200868319	403006I02M030	3000+60	1200868438	403006I70M100	10000+80	
	1200868174	405006E02M050	5000+60	1200868320	403006I02M050	5000+60	1200868436	403006I70M150	15000+140	
	1200868175	405006E02M100	10000+80	1200868321	403006I02M100	10000+80				
	1200868164	405006E02M300	30000+160	1200868322	403006I02M150	15000+140				
	1200868165	405006E02M500	50000+500	4P CABLE I02						
B	1200868166	405006E02M600	60000+600	1200868370	404006I02M003	300+40				
A										
	DOCUMENT STATUS	P1	RELEASE DATE	2024/11/11	13:43:58					
	10	9	8	7	6	5	4	3	2	1

FUNCTIONAL SYMBOLS

A

= 0

GENERAL TOLERANCES (UNLESS SPECIFIED)

A

= 0

A

= 0

DIVISIONAL SYMBOLS

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS

mm

SCALE

1:1

CURRENT REV DESC: SORTED/REVISED PART LIST BY CABLE TYPE, LENGTH

EC NO: 803942

DRWN: RSCHIEBER

CHK'D: RSILLER

APPR: RSILLER

2024/11/06

2024/11/11

2024/11/11

INITIAL REVISION:

DRWN: RSCHIEBER

APPR: RSILLER

2021/11/23

2021/11/25

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING

A3-SIZE

SERIES

120086

DOCUMENT NUMBER

1200860183

DOC TYPE

PSD

DOC PART

000

REVISION

A2

MATERIAL NUMBER

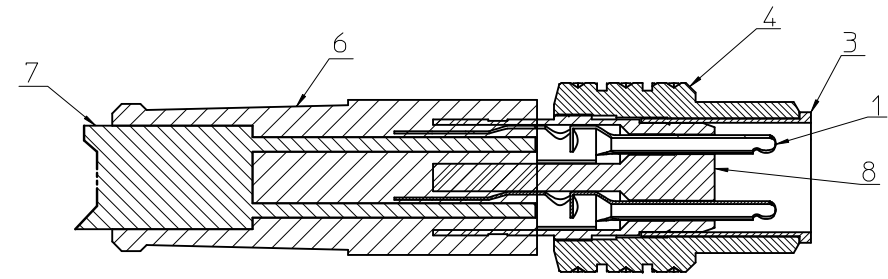
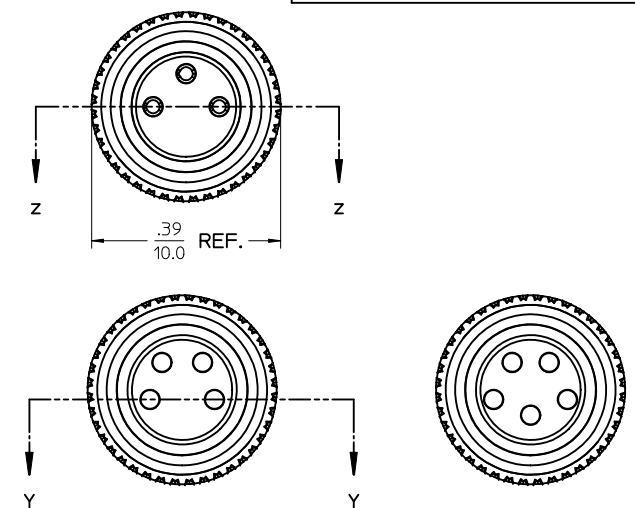
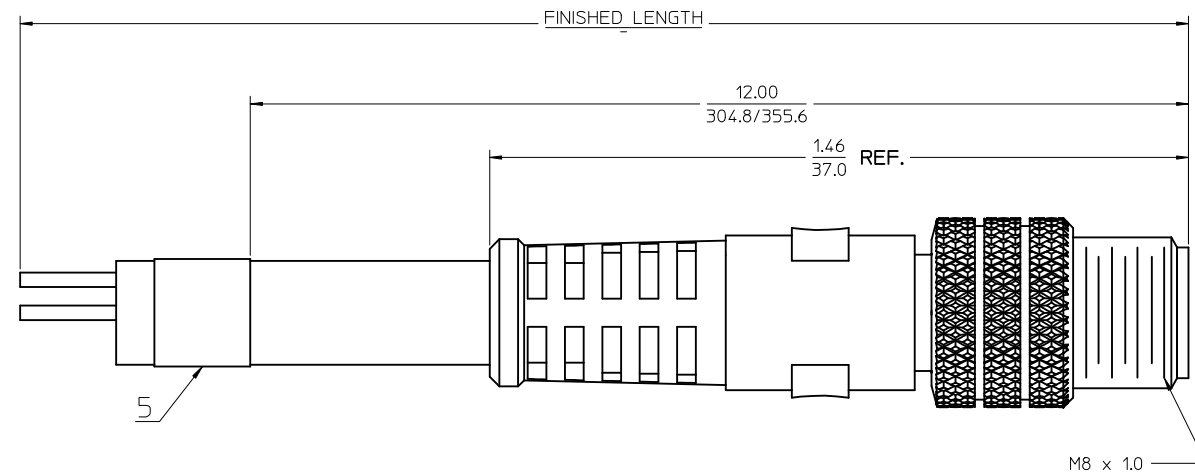
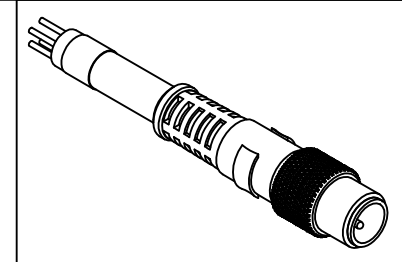
SEE PART LIST

CUSTOMER

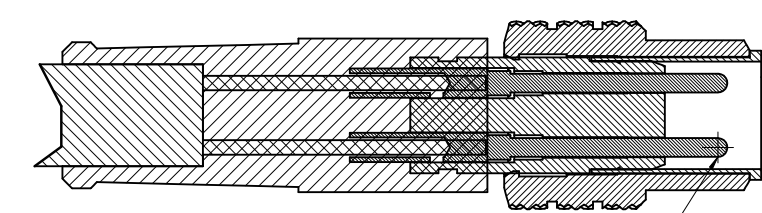
GENERAL MARKET

SHEET NUMBER

3 OF 3



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 DRAWN: SCHIEBER 2011/06/22 CHKD: REISSNER 2011/07/13 APPR: CBURGER 2011/07/20	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table><tr><th></th><th>mm</th><th>INCH</th></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>± .01</td></tr><tr><td>1 PLACE</td><td>± 0.3</td><td>± .---</td></tr></table>			mm	INCH	4 PLACES	± .---	± .---	3 PLACES	± .---	± .---	2 PLACES	± .---	± .01	1 PLACE	± 0.3	± .---	DIMENSION STYLE IN/MM		SCALE 5:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
	mm	INCH																					
4 PLACES	± .---	± .---																					
3 PLACES	± .---	± .---																					
2 PLACES	± .---	± .01																					
1 PLACE	± 0.3	± .---																					
DRAWN BY BWOODMAN	DATE 18/08/09	TITLE CSE M8 XP MA STR PUR PVC UN																					
APPROVED BY JFMURPHY					DATE 18/08/09	MOLEX INCORPORATED																	
MATERIAL NO.		SEE CHART		DOCUMENT NO. SD-120027-002	SHEET NO. 1 OF 2																		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				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	1	1	1
4	COUPLING NUT	BRASS	NICKEL PLATED			
5	LABEL	PLASTIC FILM	BLACK/YELLOW			
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: 0.25mm² PVC/PUR

ENTER DESCRIPTION

EC NO: WEU2012-0001
DRAWN BY: DRW:RSCHIEBER 2011/06/22
CHKD:REISSNER 2011/07/13
APPR:CBURGER 2011/07/20

DESCRIPTION

REV

QUALITY SYMBOLS

▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± .01
1 PLACE	± 0.3	± ---

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE

IN/MM

DRAWN BY	DATE
BWOODMAN	18/08/09
CHECKED BY	DATE
RSTONE	18/08/09
APPROVED BY	DATE
JFMURPHY	18/08/09

MATERIAL NO.

SEE CHART

SIZE
A2

SCALE

5:1

DESIGN UNITS

INCH

THIRD ANGLE PROJECTION

CSE M8 XP MA STR
PUR PVC UN

MOLEX

MOLEX INCORPORATED

DOCUMENT NO.

SD-120027-002

SHEET NO.

2 OF 2