

20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

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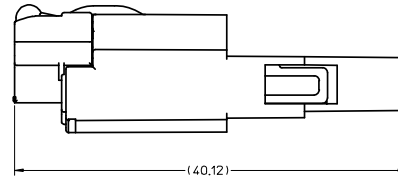
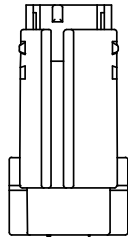
E

D

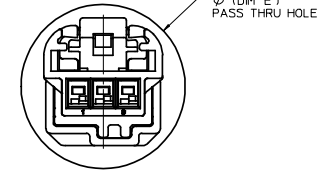
C

B

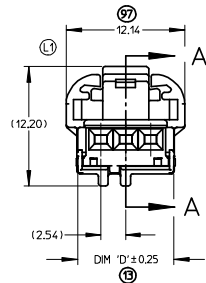
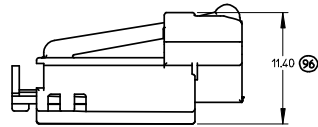
A



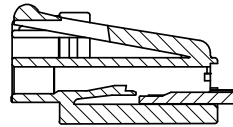
OVERALL MATED LENGTH



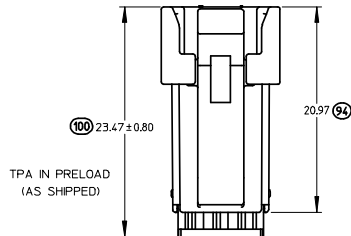
MALE AND FEMALE ASSEMBLY
PASS THRU VIEW
(CAD GENERATED)



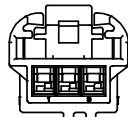
MATING SIDE



SECTION A-A
SCALE 4:1



TPA IN PRELOAD
(AS SHIPPED)



WIRE SIDE

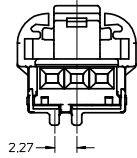
- NOTES:
1. MATERIAL: HOUSING: SPS GLASS FILLED, COLOR SEE CHART.
TPA: PBT.
 2. PRODUCT SPECIFICATIONS - IN-LINE MATING INTERFACE: PS-31067-0001.
- DIRECT CONNECT MATING INTERFACE: PS-31100-0001.
 3. PACKAGING SPECIFICATION: DRAWING PK-30907-737.
 4. MATES WITH: SEE SALES DRAWINGS SD-31110-003 (MALE INLINE),
SD-31197-003 (RIGHT ANGLE HEADER), SD-31101-114 (VERTICAL
"WINGED" HEADER), AND SD-31206-003 (VERTICAL HEADER).
 5. TERMINAL PLATING: TIN (Sn) OVERALL, BRITTE FINISH.
THICKNESS = 15 MICROMETER MINIMUM,
NICKEL (Ni) UNDERPLATE OVERALL.
 6. PACKAGING: PLEASE REFERENCE MOLEX SPECIFICATION PS-34646-001,
AVAILABLE AT WWW.MOLEX.COM. (REFERENCE: TPAs THAT ARE FOUND IN
SEATED (FINAL LOCK) POSITION)
 7. APPLICATION SPECIFICATION: AS-31067-100.

ENTER DESCRIPTION EC NO: UAU2008-0767 DRAWN BY: MACHUGA 2008/07/08 CHECKED BY: CHYKOBLOCK 2008/07/09 APPROVED BY: SHARCEAU 2008/07/09		QUALITY SYMBOLS ▽=0 ◊=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION		
					mm	INCH					
			4 PLACES	±	---	±	---	DRAWN BY		DATE	TITLE FEMALE ASSEMBLY CHARTED SALES DRAWING
			3 PLACES	±	---	±	---	CHECKED BY		DATE	
2 PLACES	±	0.13	±	---	DILLON	6/22/2007					
REV	DESCRIPTION		1 PLACE	±	0.25	±	---	APPROVED BY	DATE	molex MOLEX INCORPORATED	
			ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.		SHEET NO. 1 OF 4		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-31109-003				
					SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

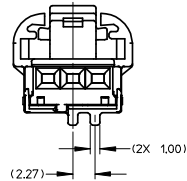
19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

FEMALE VIEWED FROM MATING SIDE

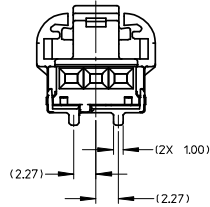
3 WAY
POLARIZATION 'A'



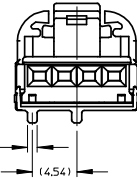
3 WAY
POLARIZATION 'B'



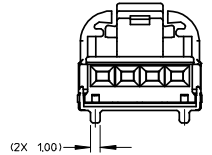
3 WAY
POLARIZATION 'C'



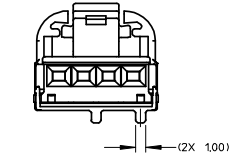
4 WAY
POLARIZATION 'A'



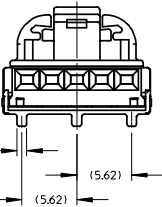
4 WAY
POLARIZATION 'B'



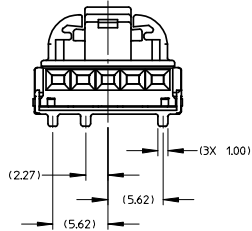
4 WAY
POLARIZATION 'C'



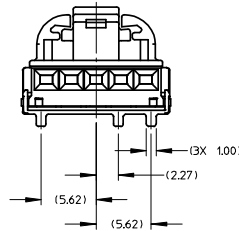
5 WAY
POLARIZATION 'A'



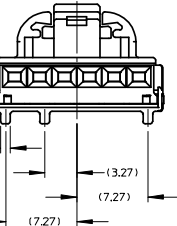
5 WAY
POLARIZATION 'B'



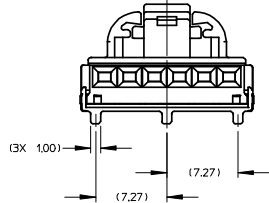
5 WAY
POLARIZATION 'C'



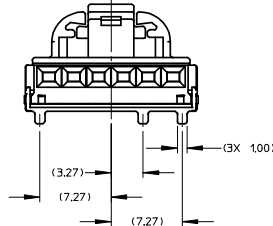
6 WAY
POLARIZATION 'A'



6 WAY
POLARIZATION 'B'



6 WAY
POLARIZATION 'C'



BILL OF MATERIALS							MATING ASSEMBLIES PART NUMBERS				
ASSEMBLY PART NUMBER	DESCRIPTION	PART NUMBER	DESCRIPTION	COLOR	DIM 'D'	DIM 'E'	INLINE MALE ASSEMBLY W/O XMAS SLOT	INLINE MALE ASSEMBLY W/ XMAS SLOT	RIGHT ANGLE MALE HEADER ASSEMBLY	VERTICAL MALE HEADER ASSEMBLY	VERTICAL MALE WINGED HEADER ASSY
31067-1010	3 WAY FEMALE ASSEMBLY POLARIZATION 'A'	31111-0030	FEMALE HOUSING	BLACK	9.80	16.76	31067-1040	31067-1070	31100-0030 NOT TOOLED	31101-0030 NOT TOOLED	TBD
		31113-0030	TPA	NATURAL (WHITE)							
31067-1011	3 WAY FEMALE ASSEMBLY POLARIZATION 'B'	31111-0031	FEMALE HOUSING	GRAY	9.80	16.76	31067-1041	31067-1071	31100-0031 NOT TOOLED	31101-0031 NOT TOOLED	TBD
		31113-0030	TPA	NATURAL (WHITE)							
31067-1012	3 WAY FEMALE ASSEMBLY POLARIZATION 'C'	31111-0032	FEMALE HOUSING	BROWN	9.80	16.76	31067-1042	31067-1072	31100-0032 NOT TOOLED	31101-0032 NOT TOOLED	TBD
		31113-0030	TPA	NATURAL (WHITE)							
31068-1010	4 WAY FEMALE ASSEMBLY POLARIZATION 'A'	31157-0040	FEMALE HOUSING	BLACK	12.34	18.25	31068-1040	31068-1070	31100-0040	31101-0040	31101-1140
		31158-0040	TPA	NATURAL (WHITE)							
31068-1011	4 WAY FEMALE ASSEMBLY POLARIZATION 'B'	31157-0041	FEMALE HOUSING	GRAY	12.34	18.25	31068-1041	31068-1071	31100-0041	31101-0041	31101-1240
		31158-0040	TPA	NATURAL (WHITE)							
31068-1012	4 WAY FEMALE ASSEMBLY POLARIZATION 'C'	31157-0042	FEMALE HOUSING	BROWN	12.34	18.25	31068-1042	31068-1072	31100-0042	31101-0042	31101-1340
		31158-0040	TPA	NATURAL (WHITE)							
31072-1010	5 WAY FEMALE ASSEMBLY POLARIZATION 'A'	31160-0050	FEMALE HOUSING	BLACK	14.88	20.25	31072-1040	31072-1070	31100-0050 NOT TOOLED	31101-0050 NOT TOOLED	TBD
		31161-0050	TPA	NATURAL (WHITE)							
31072-1011	5 WAY FEMALE ASSEMBLY POLARIZATION 'B'	31160-0051	FEMALE HOUSING	GRAY	14.88	20.25	31072-1041	31072-1071	31100-0051 NOT TOOLED	31101-0051 NOT TOOLED	TBD
		31161-0050	TPA	NATURAL (WHITE)							
31072-1012	5 WAY FEMALE ASSEMBLY POLARIZATION 'C'	31160-0052	FEMALE HOUSING	BROWN	14.88	20.25	31072-1042	31072-1072	31100-0052 NOT TOOLED	31101-0052 NOT TOOLED	TBD
		31161-0050	TPA	NATURAL (WHITE)							
31073-1010	6 WAY FEMALE ASSEMBLY POLARIZATION 'A'	31163-0060	FEMALE HOUSING	BLACK	17.42	22.75	31073-1040	31073-1070	31100-0060 NOT TOOLED	31101-0060 NOT TOOLED	TBD
		31164-0060	TPA	NATURAL (WHITE)							
31073-1011	6 WAY FEMALE ASSEMBLY POLARIZATION 'B'	31163-0061	FEMALE HOUSING	GRAY	17.42	22.75	31073-1041	31073-1071	31100-0061 NOT TOOLED	31101-0061 NOT TOOLED	TBD
		31164-0060	TPA	NATURAL (WHITE)							
31073-1012	6 WAY FEMALE ASSEMBLY POLARIZATION 'C'	31163-0062	FEMALE HOUSING	BROWN	17.42	22.75	31073-1042	31073-1072	31100-0062 NOT TOOLED	31101-0062 NOT TOOLED	TBD
		31164-0060	TPA	NATURAL (WHITE)							

ENTER DESCRIPTION IEC NO: UAU2008-0767 DRAWN BY: CHYKBOICK CHECKED BY: CHYKBOICK APPR: SHARCEAU DATE: 2008/07/08 DATE: 2008/07/09 DATE: 2008/07/09		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>---</td> <td>---</td> </tr> <tr> <td>3 PLACES ±</td> <td>---</td> <td>---</td> </tr> <tr> <td>2 PLACES ±</td> <td>0.13</td> <td>---</td> </tr> <tr> <td>1 PLACE ±</td> <td>0.25</td> <td>---</td> </tr> </table> ANGULAR ±1/2°		mm	INCH	4 PLACES ±	---	---	3 PLACES ±	---	---	2 PLACES ±	0.13	---	1 PLACE ±	0.25	---	DIMENSION STYLE MM ONLY	SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	mm	INCH																				
4 PLACES ±	---	---																				
3 PLACES ±	---	---																				
2 PLACES ±	0.13	---																				
1 PLACE ±	0.25	---																				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			DRAWN BY: BDICK01 CHECKED BY: CDILLON APPROVED BY: DATE:	DATE: 6/22/2007 DATE: 6/22/2007	FEMALE ASSEMBLY CHARTED SALES DRAWING																	
MATERIAL NO. SEE CHART			DOCUMENT NO. SD-31109-003			SHEET NO. 2 OF 4																
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																						

SECTION B-B
SCALE 10:1

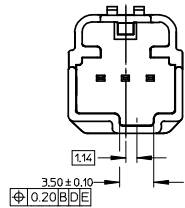


CIRCUIT SIZE	DIM 'A'	DIM 'B'	DIM 'C'	DIM 'D'
3	8.89	10.05	10.19	10.11
4	11.20	12.59	12.73	12.65
5	13.74	15.13	15.27	15.19
6	16.28	17.67	17.81	17.73

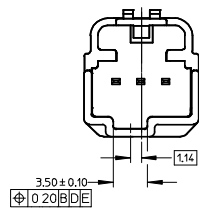
ENTER DESCRIPTION EC NO: UAZ2008-0767 DRAWN: PACHUGA 2008/07/08 CHKD: DITCK 2008/07/09 APPR: SMARTER 2008/07/09	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION															
	$\nabla=0$ $\nabla=0$	<table><tr><th></th><th>mm</th><th>INCH</th></tr><tr><td>4 PLACES</td><td>$\pm .01$</td><td>$\pm .0005$</td></tr><tr><td>3 PLACES</td><td>$\pm .01$</td><td>$\pm .0005$</td></tr><tr><td>2 PLACES</td><td>$\pm .013$</td><td>$\pm .0005$</td></tr><tr><td>1 PLACE</td><td>$\pm .025$</td><td>$\pm .001$</td></tr></table>		mm	INCH	4 PLACES	$\pm .01$	$\pm .0005$	3 PLACES	$\pm .01$	$\pm .0005$	2 PLACES	$\pm .013$	$\pm .0005$	1 PLACE	$\pm .025$	$\pm .001$	DRAWN BY DATE BDIK001' 6/22/2007 CHECKED BY DATE CDILLON 6/22/2007 APPROVED BY DATE	1:1	METRIC	 THIRD ANGLE PROJECTION
		mm	INCH																		
	4 PLACES	$\pm .01$	$\pm .0005$																		
3 PLACES	$\pm .01$	$\pm .0005$																			
2 PLACES	$\pm .013$	$\pm .0005$																			
1 PLACE	$\pm .025$	$\pm .001$																			
	ANGULAR $\pm 1/2^\circ$	FEMALE ASSEMBLY CHARTED SALES DRAWING																			
G1	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. SEE CHART SIZE D	DOCUMENT NO. SD-31109-003	SHEET NO. 3 OF 4																
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																		
		MOLEX MOLEX INCORPORATED																			

REFERENCE ONLY

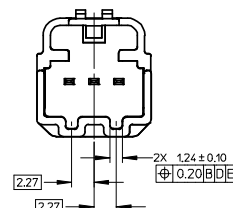
3 WAY
POLARIZATION "A"



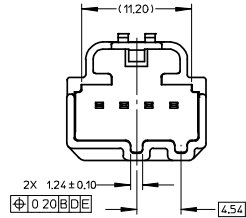
3 WAY
POLARIZATION "B"



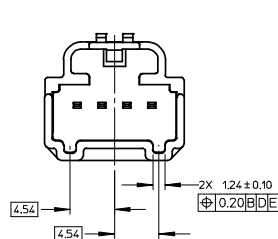
3 WAY
POLARIZATION "C"



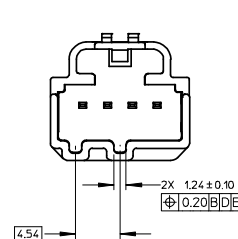
4 WAY
POLARIZATION "A"



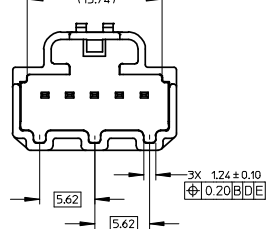
4 WAY
POLARIZATION "B"



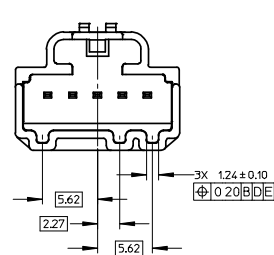
4 WAY
POLARIZATION "C"



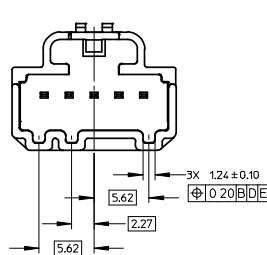
5 WAY
POLARIZATION "A"



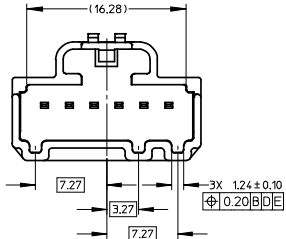
5 WAY
POLARIZATION "B"



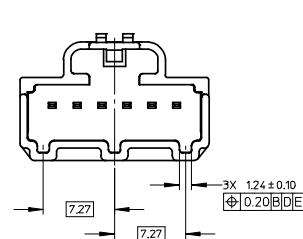
5 WAY
POLARIZATION "C"



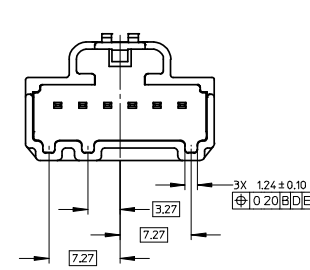
6 WAY
POLARIZATION "A"



6 WAY
POLARIZATION "B"



6 WAY
POLARIZATION "C"



ENTER DESCRIPTION EC NO. 1442008-0767 DRAWN: TMACHIGA 2008/07/08 CHKD: BDICK 2008/07/09 APPR: SMARCEAU 2008/07/09 REV G1	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION			
				MM ONLY			4:1	METRIC			
				mm	INCH	DRAWN BY	DATE	TITLE			
		4 PLACES ±		---	---	BDICK01	6/22/2007	FEMALE ASSEMBLY			
		3 PLACES ±		---	---	CHECKED BY	DATE	CHARTED SALES DRAWING			
		2 PLACES ±		0.13	---	CDILLON	6/22/2007				
		1 PLACE ±		0.25	---	APPROVED BY	DATE				
		ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-31109-003		4 OF 4			
				SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					