

Excellent Integrated System Limited

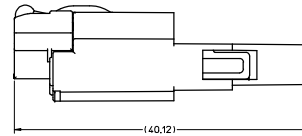
Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

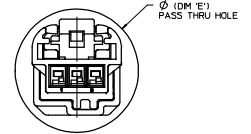
[Molex Connector Corporation](#)
[0310671010](#)

For any questions, you can email us directly:

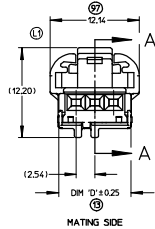
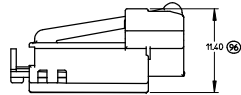
sales@integrated-circuit.com



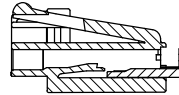
OVERALL MATED LENGTH



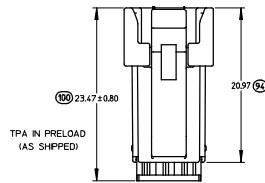
MALE AND FEMALE ASSEMBLY
PASS THRU VIEW
(CAD GENERATED)



MATING SIDE



SECTION A-A
SCALE 4:1



TPA IN PRELOAD
(AS SHIPPED)



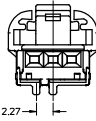
WIRE SIDE

- 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 SPECIFICATIONS: 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, BRUTE FINISH.
THICKNESS = 45 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.

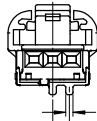
ENTER DESCRIPTION EC NO. VAL2008-0767 DRAWN: MALINIA 2008/07/08 CHKD: BUCK 2008/07/09 APPROVED: CHU 2008/07/09 REV		QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE FEMALE ASSEMBLY CHARTED SALES DRAWING	
			mm	INCH	DRAWN BY	DATE					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	G1		4 PLACES	±.005	±.005	BDI (K01)	6/22/2007				
			3 PLACES	±.005	±.005	CHECKED BY	DATE				
			2 PLACES	±.013	±.013	DILLON	6/22/2007				
		1 PLACE	±.025	±.025	APPROVED BY	DATE					
		ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.		SEE CHART SD-31109-003		SHEET NO. 1 OF 4	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											

FEMALE VIEWED FROM MATING SIDE

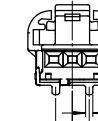
3 WAY
POLARIZATION 'A'



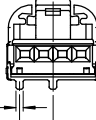
3 WAY
POLARIZATION 'B'



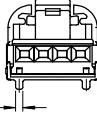
3 WAY
POLARIZATION 'C'



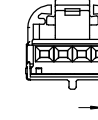
4 WAY
POLARIZATION 'A'



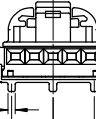
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POLARIZATION 'B'



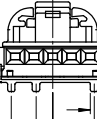
4 WAY
POLARIZATION 'C'



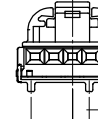
5 WAY
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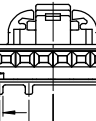
5 WAY
POLARIZATION 'B'



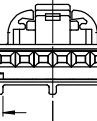
5 WAY
POLARIZATION 'C'



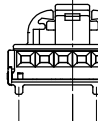
6 WAY
POLARIZATION 'A'



6 WAY
POLARIZATION 'B'



6 WAY
POLARIZATION 'C'

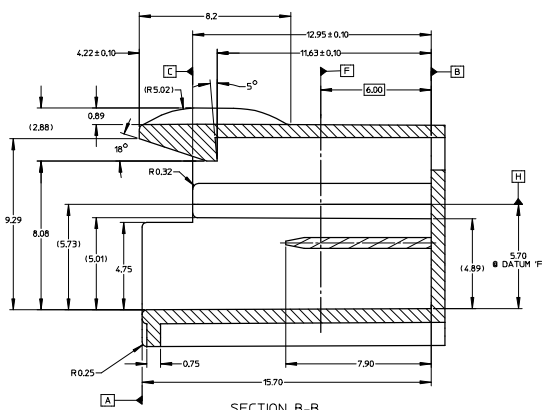


BILL OF MATERIALS						MATING ASSEMBLY PART NUMBERS					
ASSEMBLY PART NUMBER	DESCRIPTION	PART NUMBER	DESCRIPTION	COLOR	DM 'D'	DM 'E'	INLINE MALE ASSEMBLY W/O XHAS SLOT	INLINE MALE ASSEMBLY W/ XHAS SLOT	RIGHT ANGLE MALE HEADER ASSEMBLY	VERTICAL MALE HEADER ASSEMBLY	VERTICAL MALE WINGED HEADER ASSY
31067-1010	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
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
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
31068-1010	4 WAY FEMALE ASSEMBLY POLARIZATION 'A'	31157-0040	FEMALE HOUSING	BLACK	12.34	18.25	31068-1040	31068-1070	31100-0040 NOT TOOLED	31101-0040 NOT TOOLED	31101-1140
31068-1011	4 WAY FEMALE ASSEMBLY POLARIZATION 'B'	31157-0041	FEMALE HOUSING	GRAY	12.34	18.25	31068-1041	31068-1071	31100-0041 NOT TOOLED	31101-0041 NOT TOOLED	31101-1240
31068-1012	4 WAY FEMALE ASSEMBLY POLARIZATION 'C'	31157-0042	FEMALE HOUSING	BROWN	12.34	18.25	31068-1042	31068-1072	31100-0042 NOT TOOLED	31101-0042 NOT TOOLED	31101-1340
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
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
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
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
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
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

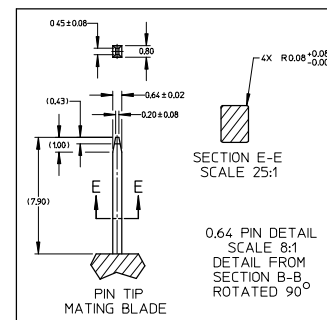
ENTER DESCRIPTION EC NO. 0310671010-0767 2008/07/08 CHEN/BOCK 2008/07/09 APPROVED 2008/07/09 REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) 4 PLACES ±.005 3 PLACES ±.004 2 PLACES ±.003 1 PLACE ±.002 ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE MM ONLY DRAWN BY: 801CK01 DATE: 6/22/2007 CHECKED BY: DILLON DATE: 6/22/2007 APPROVED BY: _____ DATE: _____ MATERIAL NR: _____ SEE CHART THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	SCALE 1:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	TITLE FEMALE ASSEMBLY CHARTED SALES DRAWING MOLEX INCORPORATED DOCUMENT NO. SD-31109-003 SHEET NO. 2 OF 4

[illegible]

RECOMMENDED MATING MATERIAL: SPS, 30% GLASS FILLED.



SECTION B-B
SCALE 10:1



SECTION E-E
SCALE 25:1

0.64 PIN DETAIL
SCALE 8:1
DETAIL FROM
SECTION B-B
ROTATED 90°

RECOMMENDED DIRECT CONNECT INFO
FOR MATING FEMALE PARTS ONLY

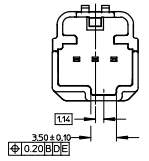
DIMENSIONS FOR DIRECT CONNECT

CIRCUIT SIZE	DM 'A'	DM 'B'	DM 'C'	DM '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

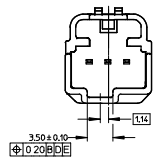
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REFERENCE ONLY

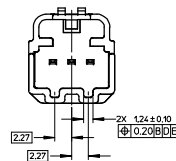
3 WAY
POLARIZATION 'A'



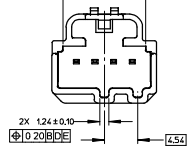
3 WAY
POLARIZATION 'B'



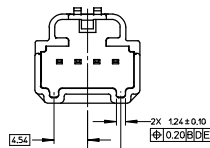
3 WAY
POLARIZATION 'C'



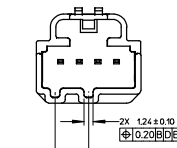
4 WAY
POLARIZATION 'A'



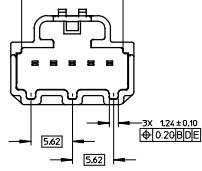
4 WAY
POLARIZATION 'B'



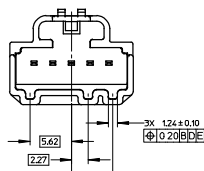
4 WAY
POLARIZATION 'C'



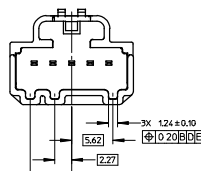
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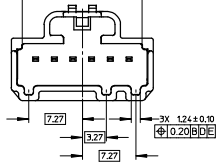
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POLARIZATION 'B'



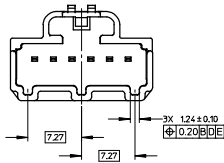
5 WAY
POLARIZATION 'C'



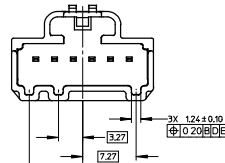
6 WAY
POLARIZATION 'A'



6 WAY
POLARIZATION 'B'



6 WAY
POLARIZATION 'C'



ENTER DESCRIPTION EC NO. UALZ006-0707 2000/07/08 CHKOBOLEK 2000/07/09 APPROVED 2000/07/09 G1	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)				DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
						DRAWN BY	DATE	TITLE		
		4 PLACES ± 0.10 mm INCH				BD/KO1	6/22/2007	FEMALE ASSEMBLY		
		3 PLACES ± 0.13 mm INCH				CHECKED BY		CHARTED SALES DRAWING		
		2 PLACES ± 0.25 mm INCH				CD/ILLON				
						APPROVED BY	DATE	MOLEX INCORPORATED		
		ANGULAR ± 1/2°								
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								
SEE CHART										
SIZE D THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										

FEMALE ASSEMBLY
CHARTED SALES DRAWING

MOLEX INCORPORATED

SD-31109-003

4 OF 4