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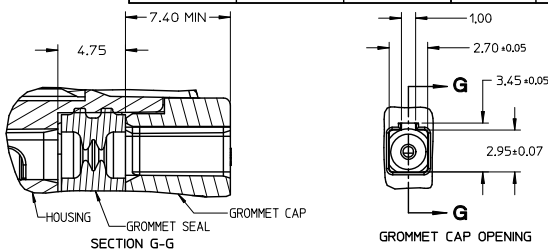
[Molex Connector Corporation](#)
[0330123021](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

FAMILY	GENDER	SEALING	PLATING	PART NUMBER	PAYOFF DIRECTION	GRIP CODE	WIRE SIZES*	A +0.30	B ±0.30	C +0.30	D ±0.30	SPECIAL CHARACTERISTICS	
MX150	RECEPTACLE	MAT SEAL	Sn	33012-2001	RIGHT (B)	14	16/14AWG	3.9	4.4	1.7	1.6	HIGH PERFORMANCE Sn	
				33012-3001	LEFT (D)		150-2.00mm ²						
				33012-2002	RIGHT (B)	18	20/18AWG	3.3	3.1	1.3	1.4		
				33012-3002	LEFT (D)		0.75-1.00mm ²						
				33012-2003	RIGHT (B)	22	22AWG	2.5	2.6	0.9	1.0		
				33012-3003	LEFT (D)								
			33012-2004	RIGHT (B)	M3	0.35-0.50mm ²	2.5	2.7	0.9	1.54 ±0.1			
			33012-3004	LEFT (D)									
			Au	33001-2003	RIGHT (B)	14	16/14AWG	3.9	4.4	1.7	1.6		
				33001-3003	LEFT (D)		150-2.00mm ²						
				33001-2004	RIGHT (B)	18	20/18AWG	3.3	3.1	1.3	1.4		
				33001-3004	LEFT (D)		0.75-1.00mm ²						
				33001-2005	RIGHT (B)	22	22AWG	2.5	2.6	0.9	1.0		
				33001-3005	LEFT (D)								
			Ag	33001-2006	RIGHT (B)	M3	0.35-0.50mm ²	2.5	2.7	0.9	1.54 ±0.1		
				33001-3006	LEFT (D)								
				33001-4001	RIGHT (B)	14	16/14AWG	3.9	4.4	1.7	1.6		
				33001-5001	LEFT (D)		150-2.00mm ²						
				33001-4002	RIGHT (B)	18	20/18AWG	3.3	3.1	1.3	1.4		
				33001-5002	LEFT (D)		0.75-1.00mm ²						
				33001-4003	RIGHT (B)	22	22AWG	2.5	2.6	0.9	1.0		
				33001-5003	LEFT (D)								
				33001-4005	RIGHT (B)	M3	0.35-0.50mm ²	2.5	2.7	0.9	1.54 ±0.1		
				33001-5005	LEFT (D)								
LARGE POLARIZATION RIB - NOT TO BE USED IN MX150 SEALED CONNECTORS													
MX150	RECEPTACLE	UNSEALED		Sn	33012-2021	RIGHT (B)	14	16/14AWG	3.9	4.4	1.7	1.6	HIGH PERFORMANCE Sn
			33012-3021		LEFT (D)	150-2.00mm ²							
			33012-2022		RIGHT (B)	18	20/18AWG	3.3	3.1	1.3	1.4		
			33012-3022		LEFT (D)		0.75-1.00mm ²						
			33012-2023		RIGHT (B)	22	22AWG	2.5	2.6	0.9	1.0		
			33012-3023		LEFT (D)		0.35-0.50mm ²						
			Au	33001-2021	RIGHT (B)	14	16/14AWG	3.9	4.4	1.7	1.6		
				33001-3021	LEFT (D)		150-2.00mm ²						
				33001-2022	RIGHT (B)	18	20/18AWG	3.3	3.1	1.3	1.4		
				33001-3022	LEFT (D)		0.75-1.00mm ²						
				33001-2023	RIGHT (B)	22	22AWG	2.5	2.6	0.9	1.0		
				33001-3023	LEFT (D)		0.35-0.50mm ²						
			Ag	33001-4021	RIGHT (B)	14	16/14AWG	3.9	4.4	1.7	1.6		
				33001-5021	LEFT (D)		150-2.00mm ²						
				33001-4022	RIGHT (B)	18	20/18AWG	3.3	3.1	1.3	1.4		
				33001-5022	LEFT (D)		0.75-1.00mm ²						
				33001-4023	RIGHT (B)	22	22AWG	2.5	2.6	0.9	1.0		
				33001-5023	LEFT (D)		0.35-0.50mm ²						

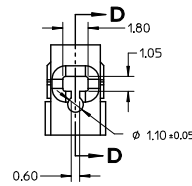
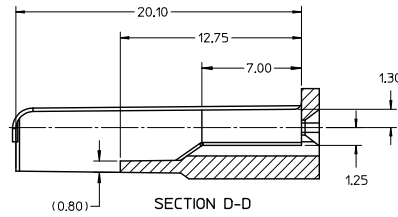
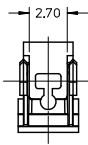
* REFERENCE AS-33012-002 FOR SPECIFIC WIRE TYPES



GROMMET SEAL / CAP CONFIGURATION TO MODIFY LARGE POLARIZATION RIB CAVITY TO ACCEPT SMALL POLARIZATION RIB APPLICATIONS

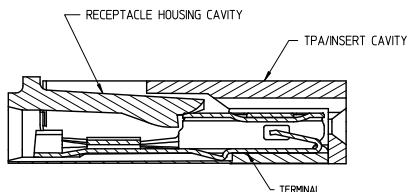
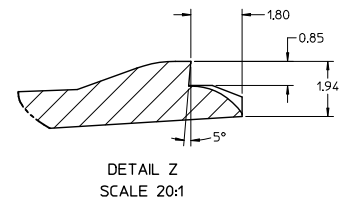
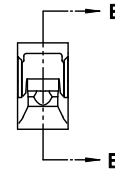
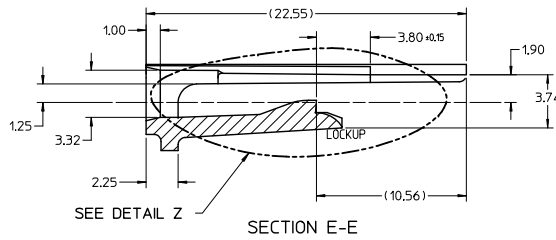
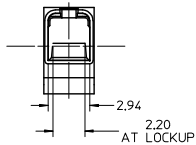
ENTER DESCRIPTION EC NO: UAU2014-0473 DRAWING JENNINGSON 2013/09/18 CHKD: APPR: MOSER 2014/01/03 REV	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± 0.005 ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.3 ± --- ANGULAR ± 3°	DIMENSION STYLE MM ONLY DRAWN BY L. PULLIAM DATE 2005/06/21 CHECKED BY A. DHIR DATE 2005/06/21 APPROVED BY B. MOSER DATE 2005/06/22	SCALE DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	TITLE MX150 RECEPTACLE TERMINAL	MOLEX INCORPORATED	MATERIAL NO. DOCUMENT NO. SD-33012-002	SHEET NO. 2 OF 5

Ib_frame_C_P_AM_T
Rev. F 2009/06/18

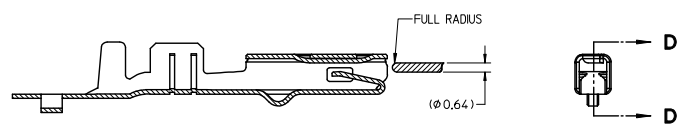


NOTES: UNLESS OTHERWISE SPECIFIED

1. TOLERANCES: LINEAR ± 0.10
ANGULAR $\pm 3^\circ$
2. ALL DRAFT WITHIN TOLERANCE.
3. MAX RADI ON ALL CORNERS SHOWN SHARP; 0.10
4. MAX FLASH PERMISSIBLE: 0.1
5. EJECTOR PIN MARKS PERMISSIBLE IF FLUSH TO 0.25 BELOW SURFACE.
6. MATERIAL: HOUSING/FINGER SPECIFICATION ENGINEERED FOR MATERIAL WITH THE FOLLOWING PROPERTIES:
A. FLEXURAL MODULUS = 4,500 TO 9,400 MPa
PER ASTM TEST D790
B. ELONGATION AT YIELD = 2.3% OR BETTER
PER ASTM TEST D638 TYPE V
7. CAVITY SPEC FOR USE ONLY WITH MOLEX RECEPTACLE
TERMINAL PART NUMBERS SPECIFIED ELSEWHERE ON THIS DRAWING



RECEPTACLE CAVITY ASSEMBLED VIEWS
FOR SMALL POLARIZATION RIB APPLICATIONS
FIG. 1



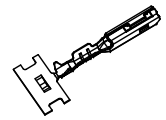
SECTION D-D
FOR LARGE POLARIZATION RIB APPLICATIONS
FIG. 2

PROBING DOWN THE
THROAT MUST USE
THIS TERMINAL PROBE

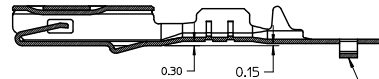
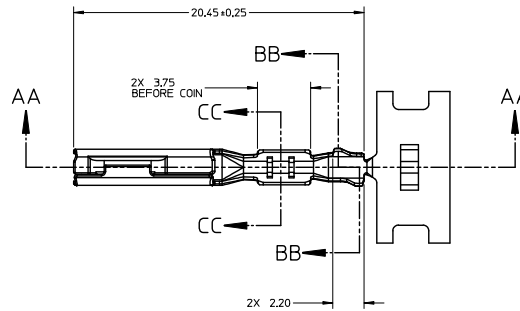
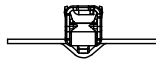
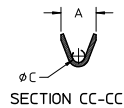
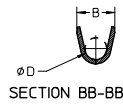
FOR PROBING INFORMATION REFERENCE
MOLEX MX150 APPLICATION SPEC AS-33472-100

PREFERRED PROBING LOCATION
IS NOT ON SPRING MEMBER
IF ELECTRICAL CONTINUITY PROBE
TOUCHES SPRING MEMBER USE
PROBING AS SHOWN IN FIG. 2

ENTER DESCRIPTION EC NO: UAU2016-0473 DRAWN BY: JENNINGSOT 2013/09/18 CHKD: APPR: MOSER 2014/01/03 REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		▽=0	mm	INCH	DRAWN BY	DATE	TITLE				
		▽=0	4 PLACES	± 0.005	L. PULLIAM	2005/06/21	MX150				
		▽=0	3 PLACES	± 0.005	CHECKED BY	DATE	RECEPTACLE TERMINAL				
			2 PLACES	± 0.10	A. DHIR	2005/06/21					
			1 PLACE	± 0.3	APPROVED BY	DATE					
			ANGULAR ± 3°		B. MOSER	2005/06/22	MOLEX INCORPORATED				
					MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
					SEE TABLE		SD-33012-002		4 OF 5		
					THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						



ISO VIEW
SCALE 2:1



SECTION AA-AA

P/N'S 33012-2004/3004
33001-4005/5005

CARRIER BUMP DIRECTION
POINTS DOWN FOR TIN PLATED TERMINAL
POINTS UP FOR PRECIOUS METAL PLATED
TERMINAL

ENTER DESCRIPTION EC NO: UAU2014-0473 DRAWN BY JENNINGS01 2013/09/18 CHKD: APPR: MOSER 2014/01/03	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
	 =0	mm INCH		DRAWN BY DATE L. PULLIAM 2005/06/21		TITLE MX150 RECEPTACLE TERMINAL		
	 =0	4 PLACES ±.005 ±.0005		CHECKED BY DATE A. DHIR 2005/06/21		MOLEX MOLEX INCORPORATED		
	 =0	3 PLACES ±0.10 ±.004		APPROVED BY DATE B. MOSER 2005/06/22				
	1 PLACE ±0.3 ±.012		MATERIAL NO.		DOCUMENT NO.			
		ANGULAR ± 3 °		SEE TABLE		SD-33012-002		SHEET NO. 5 OF 5
	REV	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								