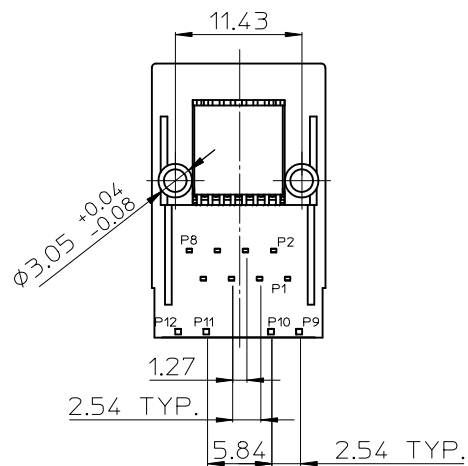
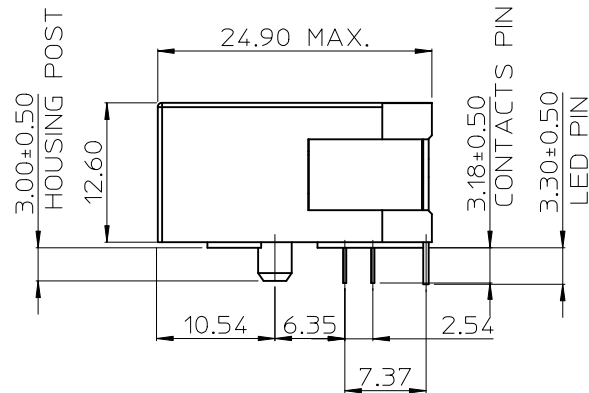
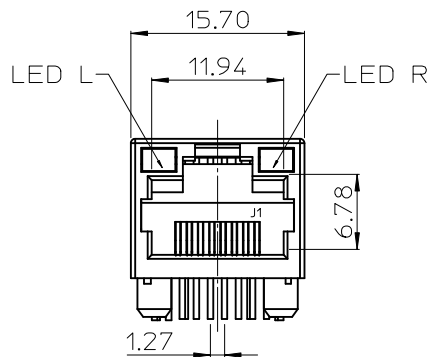


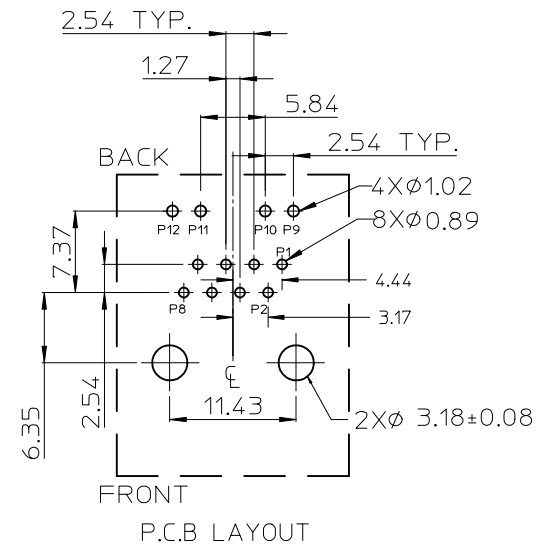
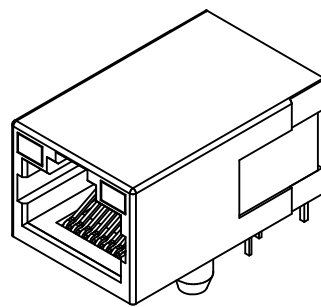


PART NUMBER

XXXXXXXXXX
XXXX MXT

LOGO

WEEK CODE
(YEAR, WEEK)



NOTES:

1.MATERIAL:

HOUSING: POLYAMIDE, GLASS FIBER FILLED, UL94-0,COLOR BLACK
INSERT: POLYAMIDE, GLASS FIBER FILLED, UL94-0,COLOR BLACK
TERMINAL: PHOSPHOR BRONZE

2.PLATING:

TERMINAL:

CONTACT AREA: GOLD(Au),THICKNESS=50 MICROINCH/1.27 MICROMETER
SOLDER TAIL: TIN(Sn),THICKNESS=100 MICROINCH MINIMUM
UNDER PLATE: NICKEL (Ni).

3.RECOMMENDED PCB THICKNESS: 1.60±0.05

4.PRODUCT SPECIFICATION REFER TO PS-48025-005

5.TEST SUMMARY REFER TO TS-48025-010

6.PACKAGING SPECIFICATION REFER TO PK-48025-001

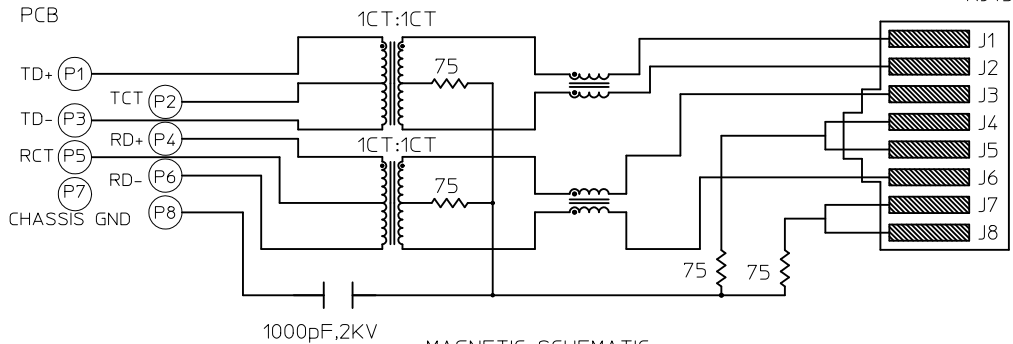
7.LEAD FREE AND RoHS COMPLIANT PRODUCT.

RELEASED EC NO: SH2012-0381 DRAWN:RL109 2012/05/14 CHKD: APPR:RZHANG 2012/06/22	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
			4 PLACES 3 PLACES 2 PLACES 1 PLACE 0 PLACE	mm	INCH	DRAWN BY LINDA CHECKED BY ALLEN LIN APPROVED BY ERICK LAN	DATE 2006/08/08 DATE 2006/08/10 DATE 2006/08/10	TITLE MODULAR JACK WITH LED, INTEGRATED MAGNETICS WITHOUT GROUND SHIELD molex				
				± ---	± ---							
				± ---	± ---							
				± 0.25	± ---							
				± 0.25	± ---							
			±	±	MATERIAL NO. 48025-2090 DOCUMENT NO. SD-48025-010 SHEET NO. 1 OF 2							
			ANGULAR ± 3 °									
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									
			REV	SIZE A3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

MAGNETIC ELECTRICAL SPECIFICATIONS:

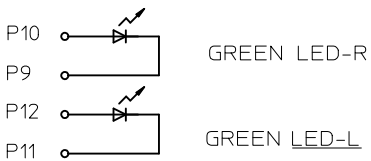
- 1.0 TURNS RATIO:(P4-P5-P6):(J3-J6):1CT:1CT
(P3-P2-P1):(J1-J2):1CT:1CT
- 2.0 INDUCTANCE:(P4-P6):350uH MIN. @0.1V,100KHz,8mA DC Bias.
(P3-P1):350uH MIN. @0.1V,100KHz,8mA DC Bias.
- 3.0 LEAKAGE INDUCTANCE:P6-P5-P4(WITH J6 AND J3 SHORT):0.3 MAX.@1MHZ.
P3-P2-P1(WITH J2 AND J1 SHORT):0.3 MAX.@1MHZ.
- 4.0 INTERWINDING CAPACITANCE:(P6,P5,P4) TO (J6,J3):30pf MAX @1MHZ.
(P3,P2,P1) TO (J2,J1):30pf MAX @1MHZ.
- 5.0 DC RESISTANCE:(J6-J3)=(J2-J1):1.3 ohms Max.
- 6.0 RETURN LOSS:(P4-P6)(P1-P3)
1MHz TO 30MHz:18dB min.
30MHz TO 80MHz:12dB min.
- NOTE:100 OHMS CONNECTED TO (J2-J1) OR (J3-J6).
- 7.0 HI-POT:(J1,J2) TO (P1,P3):1500 VAC OR 2250 VDC.
(J3,J6) TO (P4,P6):1500 VAC OR 2250 VDC.
- 8.0 INSERTION LOSS:1.1 dB MAX.
100KHz TO 100MHz.
- 9.0 CROSS TALK:1-100 MHz:30 dB MIN.
- 10.0 COMMON TO COMMON MODE REJECTION:1MHZ TO 100MHz:35 dB MIN.

PCB



LED ELECTRICAL SPECIFICATION

PARAMETER	GREEN (TYP.)	UNITS	TEST CONDITIONS
POWER DISSIPATION	105	mW	
REVERSE VOLTAGE	5	V	
PEAK WAVELENGTH	565	nm	IF=20mA
FORWARD VOLTAGE	2.2 MAX.=2.5	V	IF=20mA



RELEASED EC NO: SH2012-0381 DRWN:RL 109 CHKD: APPR:RZHANG REV	QUALITY SYMBOLS ▽=0 ▽=0	DESCRIPTION 2012/05/14 2012/06/22	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION					
					DRAWN BY LINDA	DATE 2006/08/08	TITLE MODULAR JACK WITH LED, INTEGRATED MAGNETICS WITHOUT GROUND SHIELD							
					CHECKED BY ALLEN LIN	DATE 2006/08/10								
					APPROVED BY ERICK LAN	DATE 2006/08/10	molex							
					MATERIAL NO. 48025-2090							DOCUMENT NO. SD-48025-010		SHEET NO. 2 OF 2
					SIZE A3							THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		