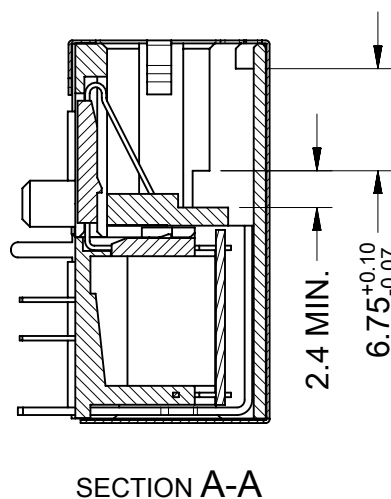
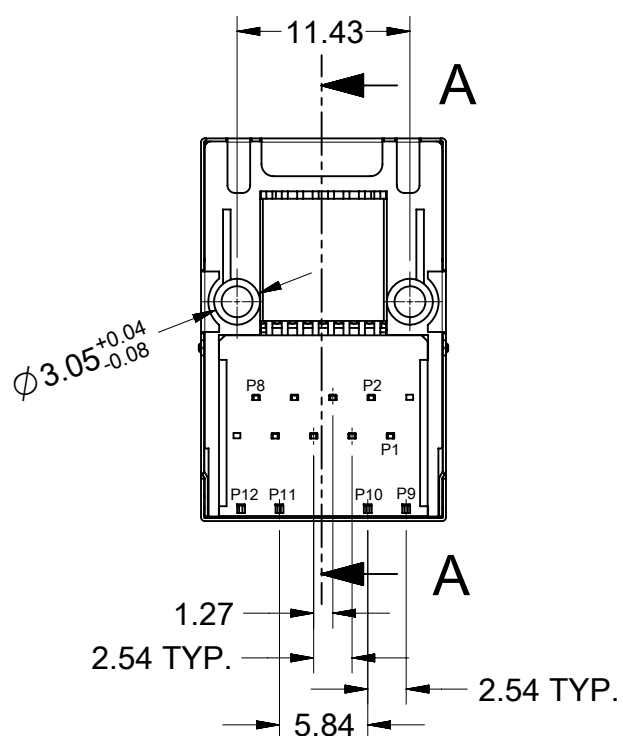
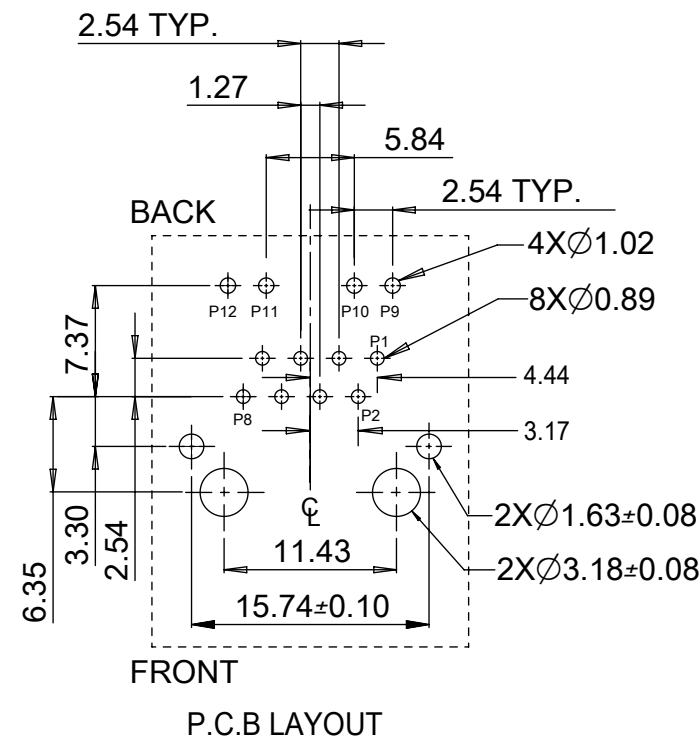
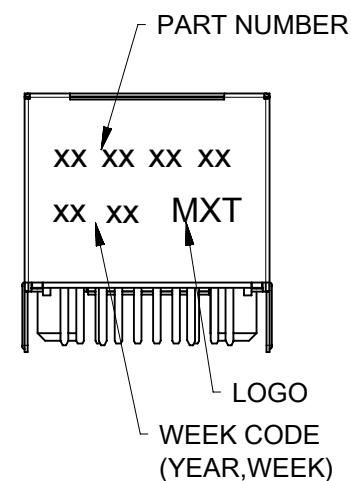
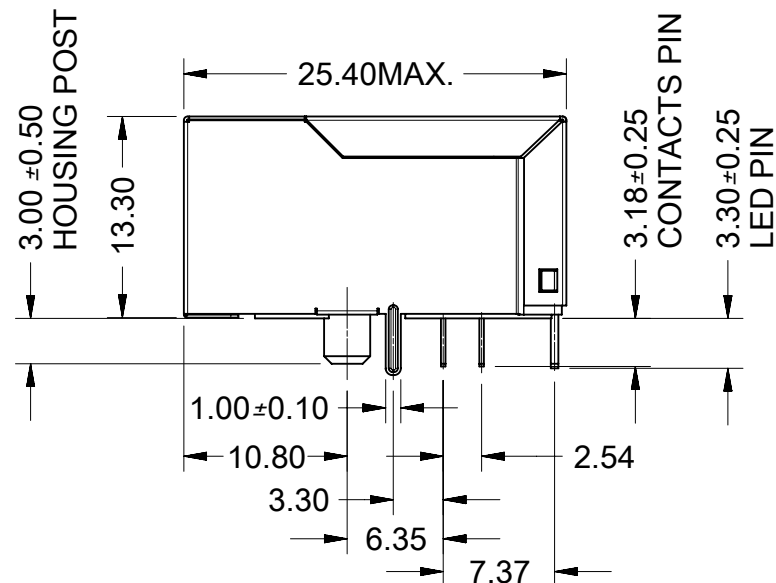
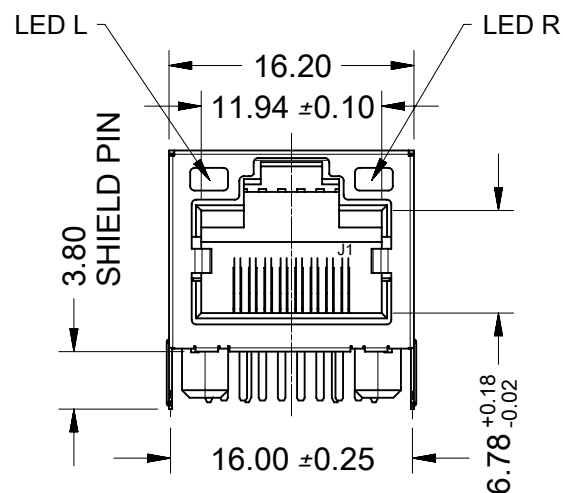




NOTES:

1.MATERIAL:

METAL SHELL: BRASS

HOUSING: POLYAMIDE, GLASS FIBER FILLED, UL94 V-0,COLOR BLACK

INSERT: POLYAMIDE, GLASS FIBER FILLED, UL94 V-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).

METAL SHELL:

SOLDER TAIL: TIN(Sn), THICKNESS=100 MICROINCH MINIMUM

UNDER PLATE: NICKEL (Ni),(SOLDERING AVAILABLE)

SURFACE APPEARANCE: BRIGHT.

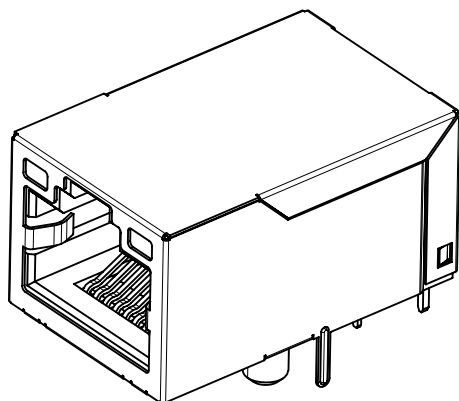
3.RECOMMENDED PCB THICKNESS: 1.60±0.05

4.PRODUCT SPECIFICATION REFER TO PS-48025-005

5.TEST SUMMARY REFER TO TS-48025-012

6.PACKAGING SPECIFICATION REFER TO PK-48025-001

7.LEAD FREE AND RoHS COMPLIANT PRODUCT.



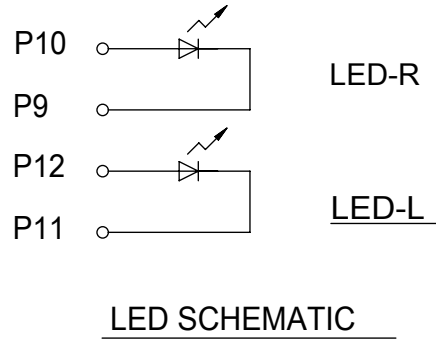
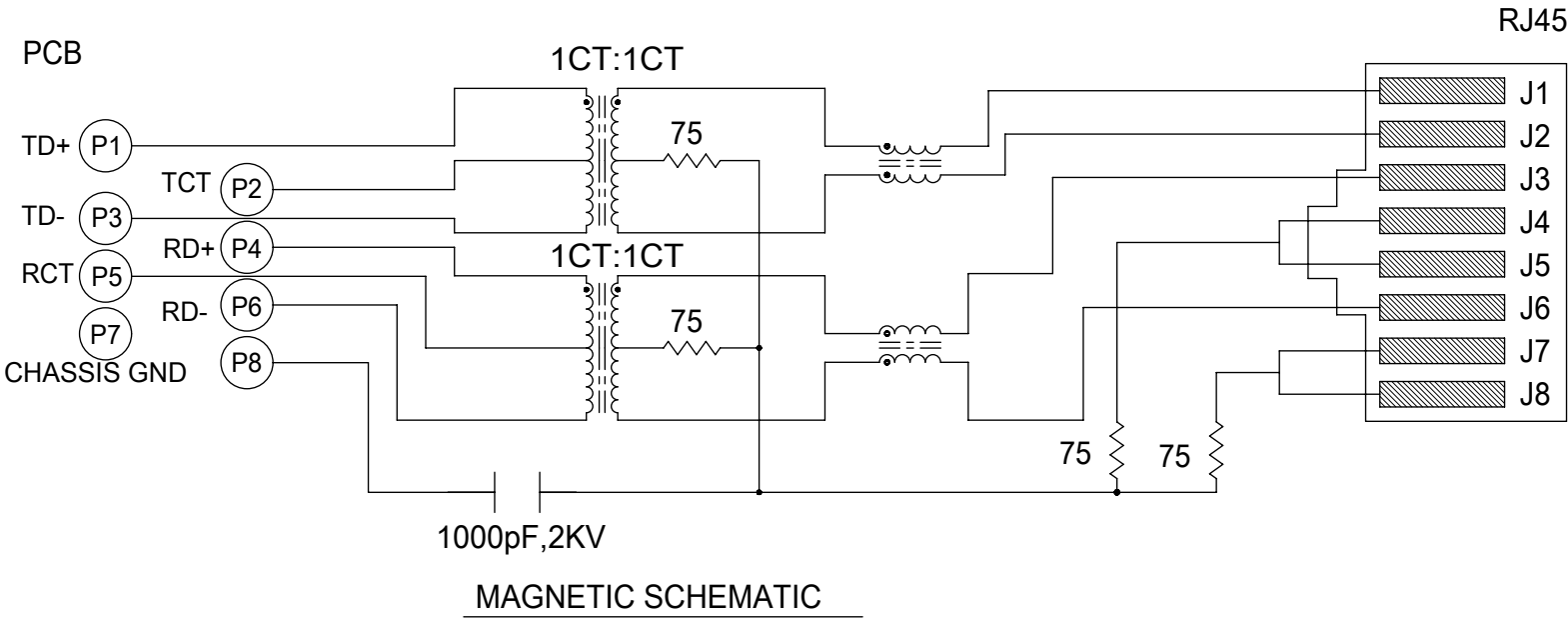
SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
 = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC: EC NO: 637574 DRWN: CCHEN103 CHK'D: SHLENI APPR: SHLENI 2019/08/30 2020/05/28 2020/05/28 INITIAL REVISION: DRWN: ALLIN APPR: WWSCHANG 2006/12/06 2006/12/12					molex MODULAR JACK WITH INTEGRATED MAGNETICS WITH LED W/O EMI FINGER						
	mm		2:1													
 = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)									PRODUCT CUSTOMER DRAWING						
 = 0																
ANGULAR TOL ± 3.0°																
 = 0	4 PLACES		±													
 = 0	3 PLACES		±													
 = 0	2 PLACES		± 0.25													
 = 0	1 PLACE		± 0.25													
 = 0	0 PLACES		±													
 = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
							A3-SIZE		48025		48025-1091		GENERAL MARKET		1 OF 2	

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.

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



SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC: EC NO: 637574 DRWN: CCHEN103 2019/08/30 CHK'D: SHLENI 2020/05/28 APPR: SHLENI 2020/05/28 INITIAL REVISION: DRWN: ALLIN 2006/12/06 APPR: WWSCHANG 2006/12/12					molex MODULAR JACK WITH INTEGRATED MAGNETICS WITH LED W/O EMI FINGER					
	mm		1:1												
	GENERAL TOLERANCES (UNLESS SPECIFIED)														
	ANGULAR TOL		± 3.0 °							PRODUCT CUSTOMER DRAWING					
	4 PLACES		±							DOCUMENT NUMBER					DOC TYPE
	3 PLACES		±		SD-48025-012					PSD		001		C1	
	2 PLACES		± 0.25		THIRD ANGLE PROJECTION					MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
	1 PLACE		± 0.25												
	0 PLACES		±												
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DRAWING		SERIES		48025-1091		GENERAL MARKET		2 OF 2		
				A3-SIZE		48025									