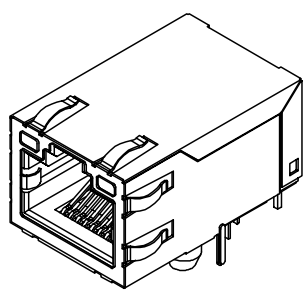
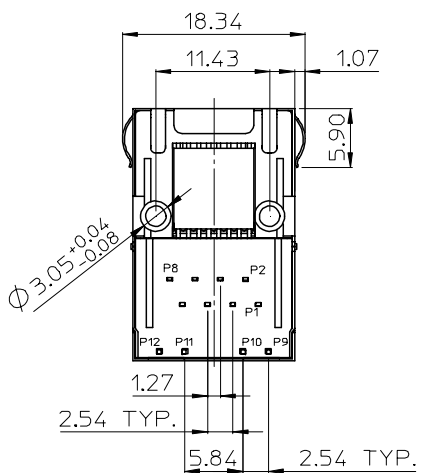
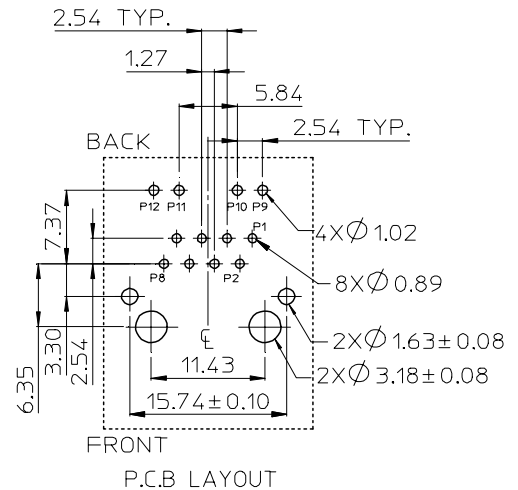
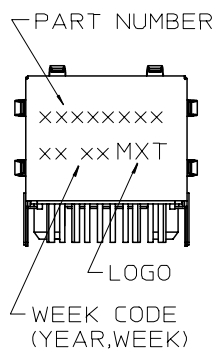
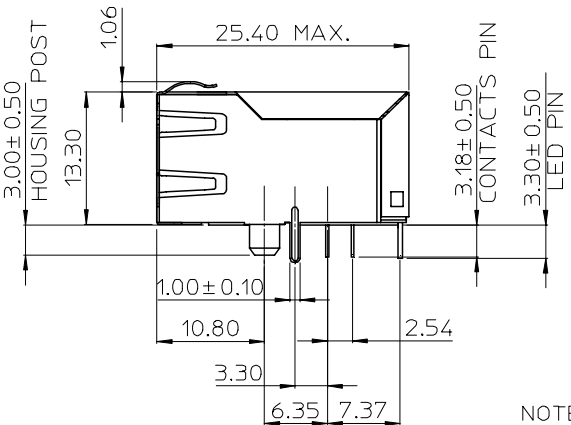
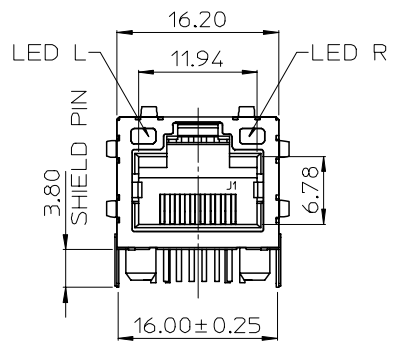


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NOTES:
 1.MATERIAL:
 METAL SHELL: BRASS
 HOUSING: POLYAMIDE,UL94-0,COLOR BLACK
 INSERT: POLYAMIDE,UL94-0,COLOR BLACK
 TERMINAL: PHOSPHOR BRONZE
 2.PLATING:
 TERMINAL:
 CONTACT AREA: GOLD(Au),THICKNESS=50 MICROINCH/1.27 MICROMETER
 SOLDER TAIL: TIN(Sn),THICKNESS=100 MICROINCH MINIMUM
 UNDER PLATE: NICKEL (Ni).THICKNESS=50 MICROINCH/1.27 MICROMETER
 METAL SHELL:
 SOLDER AREA: 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-48025-002
 5.TEST SUMMARY REFER TO TS-48025-005
 6.PACKAGING SPECIFICATION REFER TO PK-48025-001
 7.LEAD FREE AND ROHS COMPLIANCE PRODUCT.

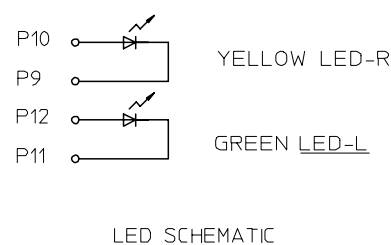
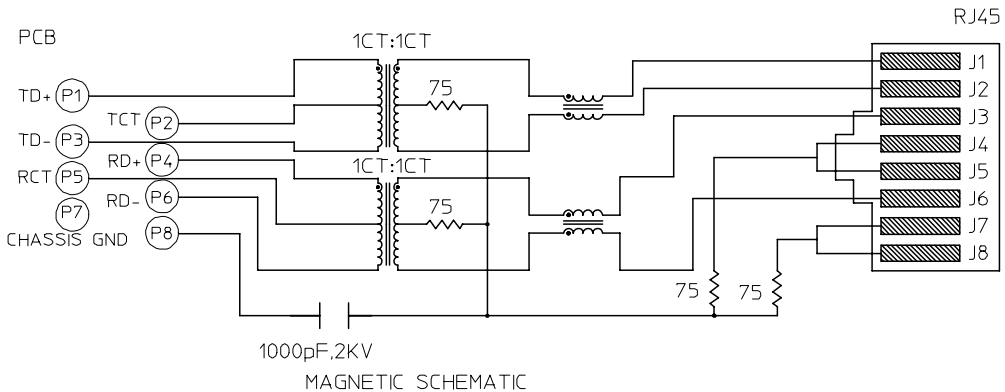
NEW RELEASE EC NO: SH2006-0020 DRWN:ALL IN 2005/08/01 CHKD: 2005/08/02 APPR:WMSCHANG 2005/08/02	DESCRIPTION A	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		▼=0 ▽=0	mm	INCH	DRAWN BY COLIN DUAN	DATE 2005/06/01	TITLE MODULAR JACK WITH INTEGRATED MAGNETICS LED (LEAD FREE VERSION)			
			4 PLACES ±---	±---	CHECKED BY ALLEN LIN	DATE 2005/06/01	MOLEX INCORPORATED MATERIAL NO. 48025-4000 DOCUMENT NO. SD-48025-005 SHEET NO. 1 OF 2			
			3 PLACES ±---	±---	APPROVED BY WILSON CHANG	DATE 2005/06/01				
	2 PLACES ±0.25	±---	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					
	1 PLACE ±0.25	±---								

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	YELLOW (TYP.)	GREEN (TYP.)	UNITS	TEST CONDITIONS
POWER DISSIPATION	105	105	mW	
REVERSE VOLTAGE	5	5	V	
PEAK WAVELENGTH	585	565	nm	IF=20mA
FORWARD VOLTAGE	2.1 MAX.=2.5	2.2 MAX.=2.5	V	IF=20mA



SEE SHEET 1 EC NO: SH2006-0020 DRWN: ALL IN CHKD: APPR: WWSCHANG	2005/08/01 2005/08/02 2005/08/02	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
			$\nabla = 0$ $\square = 0$	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.25 ± --- 1 PLACE ± 0.25 ± --- ANGULAR ± 3 °	MM ONLY	1:1	METRIC	DRAWN BY DATE COLIN DUAN 2005/06/01 CHECKED BY DATE ALLEN LIN 2005/06/01 APPROVED BY DATE WILSON CHANG 2005/06/01	TITLE	MODULAR JACK WITH INTEGRATED MAGNETICS LED (LEAD FREE VERSION) MOLEX INCORPORATED
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO.	DOCUMENT NO.	SHEET NO.				
			SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						