

- NOTES:
- MATERIAL:
 - HOUSING: POLYAMIDE, GLASS FIBER FILLED, UL94-0,COLOR BLACK
 - INSERT: POLYAMIDE, GLASS FIBER FILLED, UL94-0,COLOR BLACK
 - TERMINAL: PHOSPHOR BRONZE
 - PLATING:
 - TERMINAL:
 - CONTACT AREA: GOLD(Au),THICKNESS=50 MICRONCH/1.27 MICROMETER
 - SOLDER TAIL: TIN(Sn),THICKNESS=100 MICRONCH MINIMUM
 - UNDER PLATE: NICKEL (Ni).
 - RECOMMENDED PCB THICKNESS: 1.60±0.05
 - PRODUCT SPECIFICATION REFER TO PS-48025-005
 - TEST SUMMARY REFER TO TS-48025-010
 - PACKAGING SPECIFICATION REFER TO PK-48025-001
 - LEAD FREE AND RoHS COMPLIANT PRODUCT.

RoHS FOR 48025-2000 EC NO. SH2007-0129 DRWN:ALLIN 2006/10/04 CHKD: 2006/10/04 APPR:WFSCHANG 2006/10/04	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
	$\nabla=0$ $\nabla=0$	4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	2 PLACES ± 0.25 ± ---	1 PLACE ± 0.25 ± ---	DRAWN BY LINDA DATE 2006/08/08	CHECKED BY ALLEN LIN DATE 2006/08/10	APPROVED BY ERICK LAN DATE 2006/08/10	TITLE MODULAR JACK WITH LED, INTEGRATED MAGNETICS WITHOUT GROUND SHIELD
		ANGULAR ± 3 °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. 48025-2090	DOCUMENT NO. SD-48025-010	SHEET NO. 1 OF 2	MOLEX INCORPORATED
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

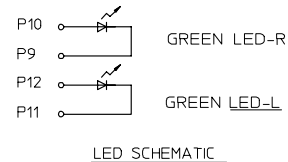
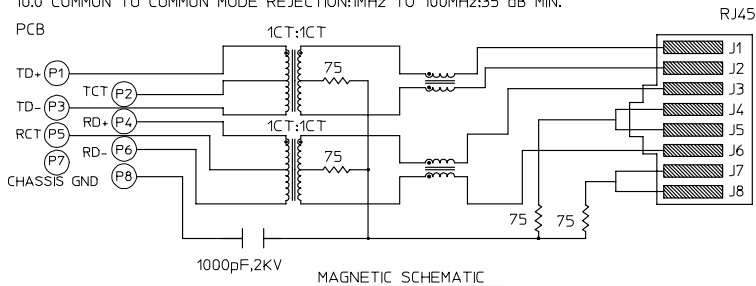
10 9 8 7 6 5 4 3 2 1

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 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



SEE SHEET 1 EC NO: SH2007-0129 DRAWN BY: DRW:BALLIN CHKD: 2006/10/04 APPR:WMSCHANG 2006/10/04	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 ± 0.25 ± --- 1 PLACE ± 0.25 ± ---	mm INCH	DRAWN BY: LINDA DATE: 2006/08/08	CHECKED BY: ALLEN LIN DATE: 2006/08/10	TITLE: MODULAR JACK WITH LED, INTEGRATED MAGNETICS WITHOUT GROUND SHIELD			
		ANGULAR ± 3 °		APPROVED BY: ERICK LAN DATE: 2006/08/10	MOLEX INCORPORATED				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. 48025-2090	DOCUMENT NO. SD-48025-010	SHEET NO. 2 OF 2			