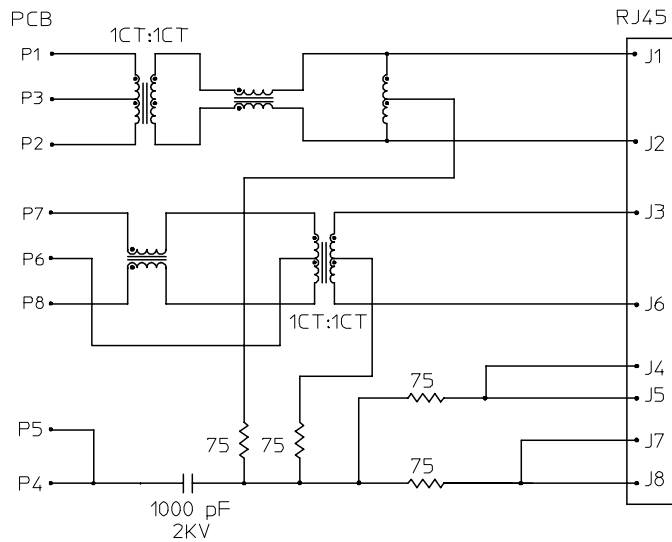
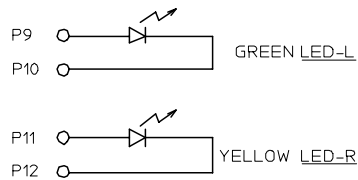


- NOTES:
- MATERIAL:
METAL SHELL: BRASS.
HOUSING: HIGH TEMP THERMOPLASTIC, GLASS FIBER FILLED, UL94V-0, COLOR: BLACK
INSERT: HIGH TEMP THERMOPLASTIC, GLASS FIBER FILLED, UL94V-0, COLOR: BLACK
TERMINAL: PHOSPHOR BRONZE.
RESIN: UEP-700
 - PLATING:
TERMINAL:
CONTACT AREA: GOLD (Au), THICKNESS=50 MICROINCH/1.27 MICROMETER MINIMUM.
SOLDER TAIL: TIN (Sn), THICKNESS=100 MICROINCH/2.54 MICROMETER MINIMUM.
UNDER PLATE: NICKEL (Ni).
METAL SHELL:
SOLDER TAIL: TIN (Sn), THICKNESS=100 MICROINCH MINIMUM
UNDER PLATE: NICKEL (Ni), (SOLDERING AVAILABLE)
SURFACE APPEARANCE: BRIGHT.
 - RECOMMENDED PCB THICKNESS: 1.60±0.05
 - PRODUCT SPECIFICATION REFER TO PS-48025-004
 - TEST SUMMARY REFER TO TS-48025-006
 - PACKAGING SPECIFICATION REFER TO PK-48025-001
 - LEAD FREE AND ROHS COMPLIANCE PRODUCT
 - IR REFLOW APPLICATION PRODUCT

TOOLING RELEASED EC NO: SH2006-0106 DRWN: ALL IN 2005/10/07 CHKD: 2005/10/12 APPR: WMSCHANG 2005/10/13	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
			mm	INCH	DRAWN BY LINDA	DATE 2005/08/26	TITLE MODR JK RA DIP WITH LED MAGNETICS FOR IR REFLOW (LEAD FREE VERSION)	
A	REV	4 PLACES	±---	±---	CHECKED BY ALLEN LIN	DATE 2005/08/26	MOLEX MOLEX INCORPORATED	
		3 PLACES	±---	±---	APPROVED BY WILSON CHANG	DATE 2005/08/26	MATERIAL NO. 48025-0002	DOCUMENT NO. SD-48025-006
		2 PLACES	±0.25	±---	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
		1 PLACE	±0.25	±---				
		ANGULAR ± 3 °						
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						



MAGNETIC SCHEMATIC



LED SCHEMATIC

MAGNETIC ELECTRICAL SPECIFICATION

PARAMETER	SPECIFICATIONS		
	100 KHz	1-125 MHz	
INSERTION LOSS	1.2 dB MAX	0.2+0.002*f^1.4 dB MAX	
RETURN LOSS (Z OUT=100 OHM±15%)	1-30 MHz	30-60 MHz	60-80 MHz
	16 dB MIN	10-20*LOG ₁₀ (f/60 MHz) dB MIN.	10 dB MIN.
INDUCTANCE (OCL) (MEDIA SIDE, 0° +70°C)	350 uH MIN (MEASURED AT 100 KHz, 100 nVRMS AND WITH 8 mA DC BIAS)		
CROSSTALK, ADJACENT CHANNELS	1 MHz	10-100 MHz	
	50 dB MIN	50-17*LOG ₁₀ (f/10) dB MIN.	
COMMON MODE REJECTION RATIO	2 MHz	30-200 MHz	
	50 dB MIN	15-20*LOG ₁₀ (f/200) dB MIN.	
DC RESISTANCE 1/2 WINDING	0.60 OHMS MAX.		
DC RESISTANCE IMBALANCE	±0.065 OHMS MAX (CENTER TAP SYMMETRY)		
HI-POT ISOLATION	1500 VRMS AC		

NOTE: f IS FREQUENCY IN MHZ.

LED ELECTRICAL SPECIFICATION

PARAMETER	YELLOW (TYP.)	GREEN (TYP.)	UNITS	TEST CONDITIONS
POWER DISSIPATION	105	105	mW	
REVERSE VOLTAGE	5	5	V	
PEAK WAVELENGTH	590	565	nm	I _F =20mA
FORWARD VOLTAGE	2.1 MAX.=2.5	2.2 MAX.=2.5	V	I _F =20mA

SEE SHEET 1 EC NO: SH2006-0106 DRWN:ALL IN CHKD: APPR:WMSCHANG	2005/10/07	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
	2005/10/12		mm	INCH	DRAWN BY LINDA	DATE 2005/08/26	TITLE MODR JK RA DIP WITH LED MAGNETICS FOR IR REFLOW (LEAD FREE VERSION)				
	2005/10/13		4 PLACES ±---	±---	CHECKED BY ALLEN LIN	DATE 2005/08/26	MOLEX MOLEX INCORPORATED				
			3 PLACES ±---	±---	APPROVED BY WILSON CHANG	DATE 2005/08/26	MATERIAL NO. 48025-0002	DOCUMENT NO. SD-48025-006	SHEET NO. 2 OF 2		
			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	±---	ANGULAR ± 3 °								