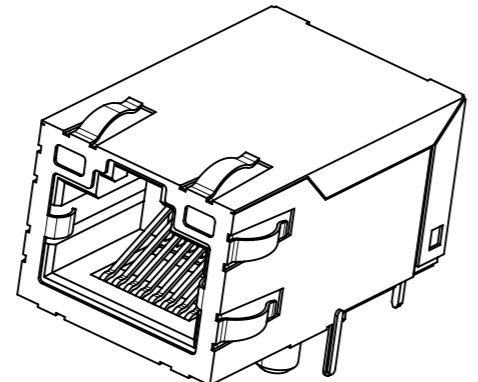
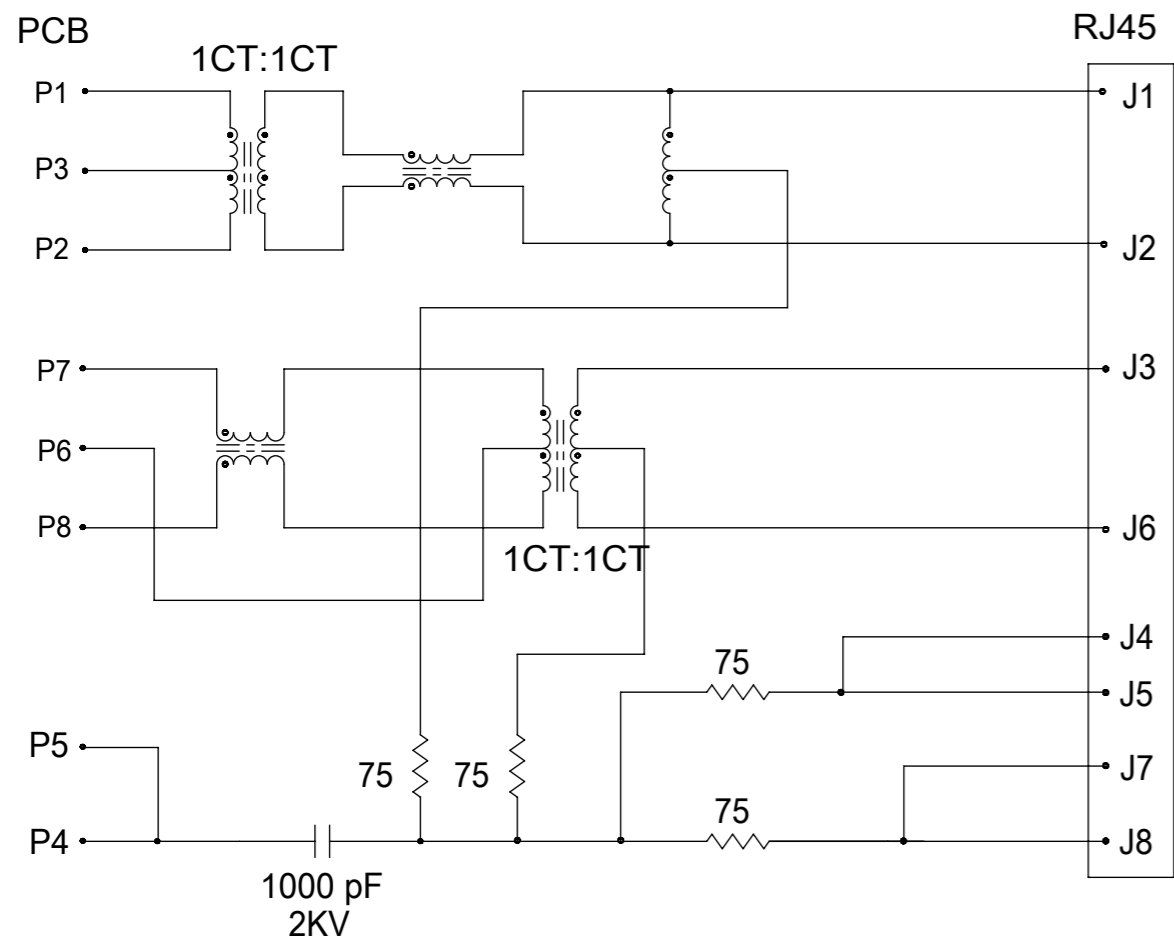


NOTES:

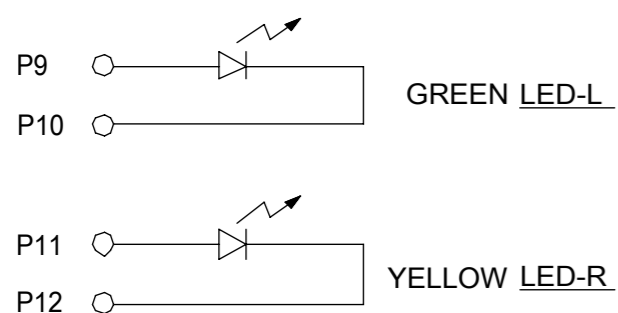
- MATERIAL:
 METAL SHELL: BRASS
 HOUSING: POLYAMIDE, GLASS FIBER FILLED, UL94 V-0, COLOR BLACK
 INSERT: POLYAMIDE, GLASS FIBER FILLED, UL94 V-0, COLOR BLACK
 TERMINAL: PHOSPHOR BRONZE
- PLATING:
 TERMINAL:
 CONTACT AREA: GOLD(Au), THICKNESS=50 MICROINCH/1.27 MICROMETER
 SOLDER TAIL: TIN(Sn), THICKNESS=100 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.
- RECOMMENDED PCB THICKNESS: 1.60±0.05
- PRODUCT SPECIFICATION REFER TO PS-48025-005
- TEST SUMMARY REFER TO TS-48025-007
- PACKAGING SPECIFICATION REFER TO PK-48025-001
- LEAD FREE AND RoHS COMPLIANT PRODUCT.



THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
QUALITY SYMBOLS	△ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0	EC NO: 168908 DRWN: MFAN08 CHK'D: MFAN08 APPR: XQHE	2017/11/16 2017/12/01 2017/12/01	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS	SCALE				
				ANGULAR TOL ± 3.0 °		mm	2:1				
4 PLACES ±				3 PLACES ±		DRWN BY		DATE			
3 PLACES ±				2 PLACES ± 0.25		RLI09		2012/05/11			
2 PLACES ± 0.25				1 PLACE ± 0.25		CHK'D BY		DATE			
1 PLACE ± 0.25				0 PLACES ±		MFAN08		2017/12/01			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DRAFTING SIZE		THIRD ANGLE PROJECTION		APPR BY			
				A3		RZHANG		2012/06/22			
RELEASE STATUS		P1	RELEASE DATE		01.12.2017		09:35:15		PRODUCT CUSTOMER DRAWING		
SERIES		MATERIAL NUMBER		CUSTOMER		DOCUMENT NUMBER		DOC TYPE		DOC PART	
48025		480250091		GENERAL MARKET		SD-48025-007		PSD		001	
										SHEET NUMBER	
										1 OF 2	



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	
		1-30 MHz	30-60 MHz
RETURN LOSS (Z OUT=100 OHM±15%)	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 mVRMS) (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	IF=20mA
FORWARD VOLTAGE	2.1 MAX.=2.5	2.2 MAX.=2.5	V	IF=20mA

QUALITY SYMBOLS ▽ = 0 ▽ = 0 ▽ = 0 ▼ = 0 ▽ = 0 ⊗ = 0 ■ = 0 ▽ = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
	EC NO: 168908 DRWN: MFAN08 CHK'D: MFAN08 APPR: XQHE	2017/11/16	2017/12/01	2017/12/01	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS	SCALE			
					ANGULAR TOL ± 3.0 °		mm	1:1			
		4 PLACES	±				DRWN BY	DATE			
		3 PLACES	±				RLI09	2012/05/11			
		2 PLACES	± 0.25				CHK'D BY	DATE			
	1 PLACE	± 0.25				MFAN08	2017/12/01				
	0 PLACES	±				APPR BY	DATE	PRODUCT CUSTOMER DRAWING			
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DRAWING SIZE	THIRD ANGLE PROJECTION	48025		480250091	GENERAL MARKET	
					A3		SD-48025-007		PSD	001	2 OF 2