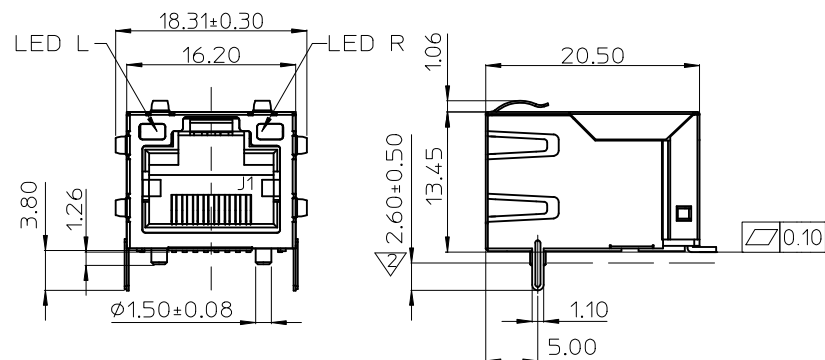


NOTES:

1.MATERIAL:

METAL SHELL: BRASS
HOUSING: HIGH TEMP THERMOPLASTIC,
UL94-0,COLOR:BLACK
INSERT: HIGH TEMP THERMOPLASTIC,
UL94-0,COLOR:BLACK
TERMINAL: PHOSPHOR BRONZE

PLATING:

TERMINAL:

CONTACT AREA: SEE PART NUMBER LEGEED
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.FOR IR REFLOW PROCESS, TIN PLATED AREA.

4.RECOMMENDED PCB THICKNESS: 1.60±0.05

5.PRODUCT SPECIFICATION REFER TO PS-48074-002

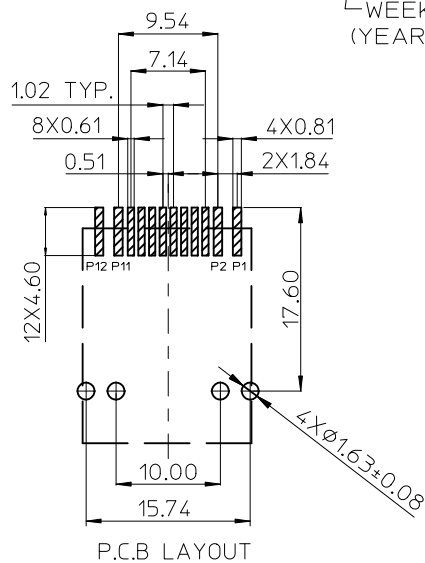
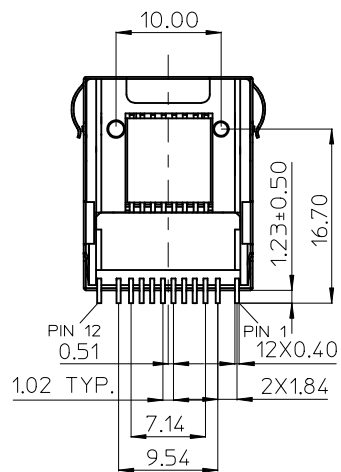
6.TEST SUMMARY REFER TO TS-48074-002

7.PACKAGING SPECIFICATION REFER TO PK-48074-001

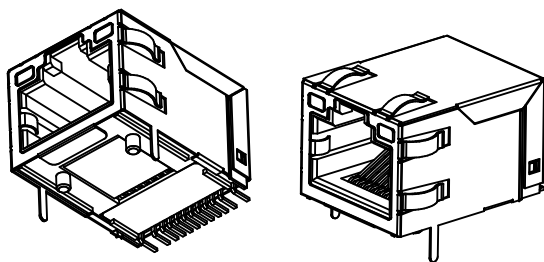
8.RETENTION FORCE: 30 lbf.

9.COPLANARITY: 0.10 MAX

10.LEAD FREE AND ROHS COMPLIANT PRODUCT



P/N	CONTACT PLATING
48074-9001	30 MICROINCH
48074-9004	GOLD FLASH
48074-9005	15 MICROINCH



ADD NEW P/N
EC NO: SH2012-0218
DRAWN: RL 109
CHKD:
APPR: RZHUANG
REV

QUALITY SYMBOLS
F=0
F=1
F=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.25	± ---
1 PLACE	± 0.25	± ---
ANGULAR ± 3 °		

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY

DRAWN BY: RL 109
DATE: 2012/01/11

CHECKED BY:
DATE:

APPROVED BY:
DATE:

MATERIAL NO. SEE TABLE

SIZE: A3

SCALE: 1:1

DESIGN UNITS: METRIC

THIRD ANGLE PROJECTION

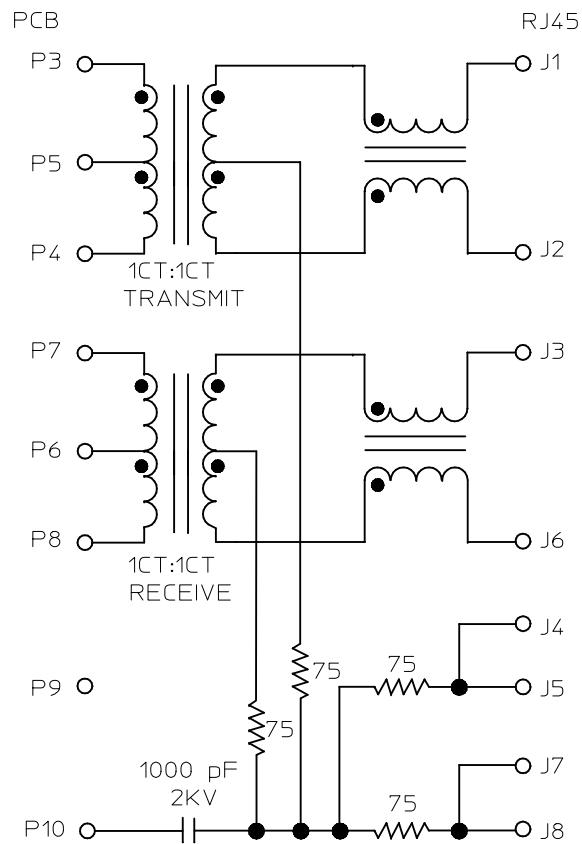
TITLE: MODULAR JACK WITH LED & INTEGRATED MAGNETICS SMT TYPE

MOLEX INCORPORATED

DOCUMENT NO. SD-48074-002

SHEET NO. 1 OF 2

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

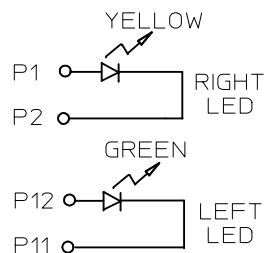


MAGNETIC SCHEMATIC

MAGNETIC ELECTRICAL SPECIFICATION

PARAMETER	SPECIFICATIONS		
INSERTION LOSS	100 KHz		
	1.0 dB MAX.		
RETURN LOSS (Z OUT=100 OHM±15%)	1-10 MHz	30 MHz	60-80 MHz
	20 dB MIN	16 dB MIN	12 dB MIN
CROSSTALK	1-10 MHz	30-60 MHz	60-100 MHz
	40 dB MIN	35 dB MIN	30 dB MIN
COMMON MODE REJECTION RATIO	1-50 MHz	50-130 MHz	
	30 dB MIN	20 dB MIN	
HIPOT	@60 Hz, 1 MIN		
	1500 Vrms		

NOTE:f IS FREQUENCY IN MHZ.



LED SCHEMATIC

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

SEE SHEET 1 EC NO: SH2012-0218 DRWN:RL109 2012/01/11 CHKD: APPR:RZHANG 2012/01/31	DESCRIPTION	QUALITY SYMBOLS ▽_A=0 ▽_G=0 ▽_P=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION				
				mm	INCH	DRAWN BY RL109	DATE 2012/01/11	TITLE MODULAR JACK WITH LED & INTEGRATED MAGNETICS SMT TYPE					
			4 PLACES	± ---	± ---	CHECKED BY	DATE						
			3 PLACES	± ---	± ---	APPROVED BY	DATE						
			2 PLACES	± 0.25	± ---	MATERIAL NO.			DOCUMENT NO. SD-48074-002			SHEET NO. 2 OF 2	
			1 PLACE	± 0.25	± ---								
			ANGULAR ± 3 °			SEE TABLE							
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										
						SIZE A3			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
									MOLEX INCORPORATED				