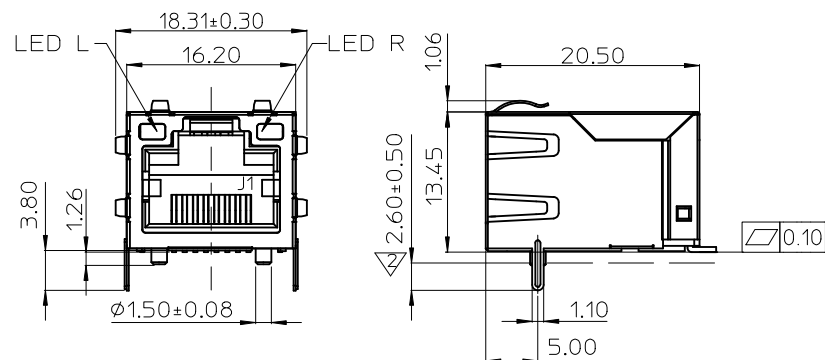


NOTES:

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

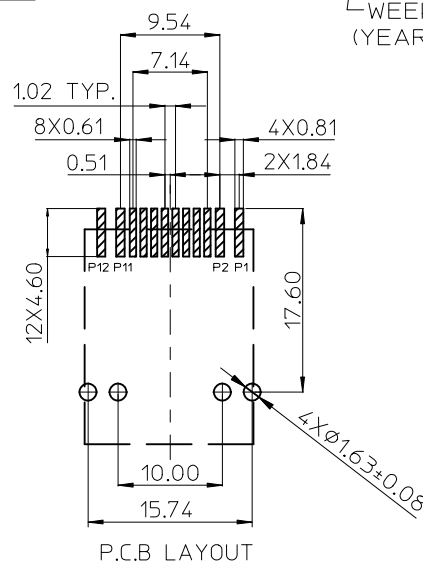
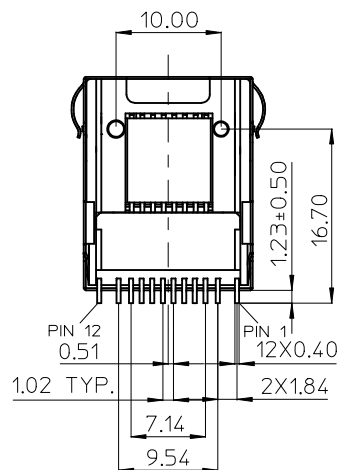
6.TEST SUMMARY REFER TO TS-48074-002

7.PACKAGING SPECIFICATION REFER TO PK-48074-001

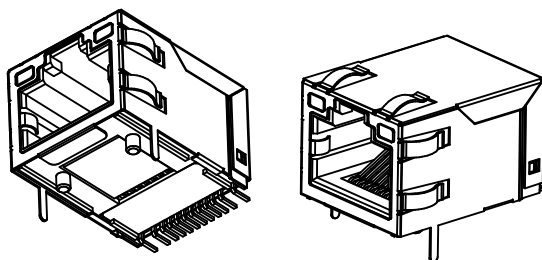
8.RETENTION FORCE: 30 lbf.

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

SCALE
1:1

DESIGN UNITS
METRIC

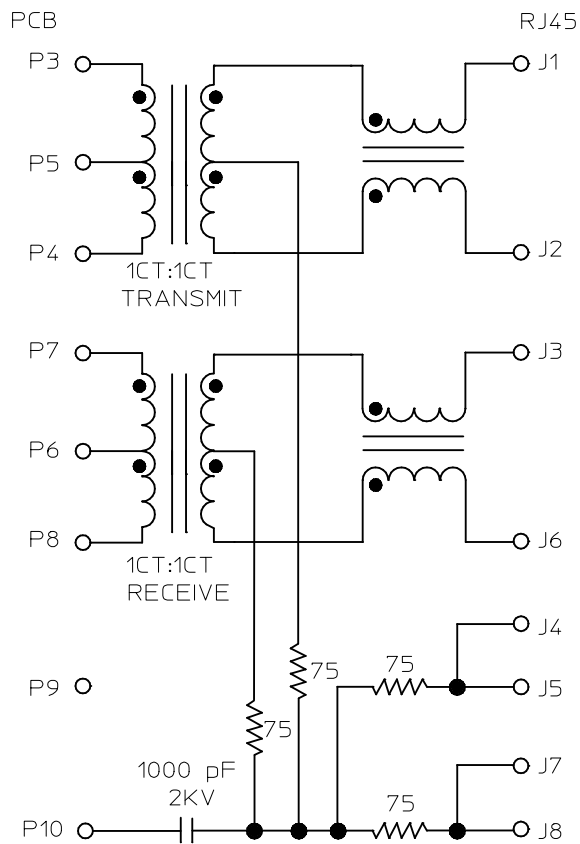
THIRD ANGLE
PROJECTION

TITLE
MODULAR JACK WITH LED &
INTEGRATED MAGNETICS
SMT TYPE

MOLEX MOLEX INCORPORATED

DOCUMENT NO.
SD-48074-002

SHEET NO.
1 OF 2

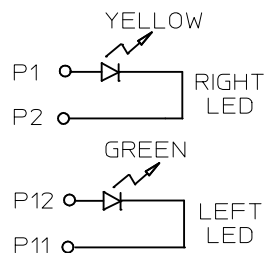


MAGNETIC SCHEMATIC

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 CHKD: APPR:RZHANG	2012/01/11 2012/01/31	DESCRIPTION	QUALITY SYMBOLS F_A=0 F_G=0 F_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	± ---					
1 PLACE	± 0.25	± ---				MOLEX MOLEX INCORPORATED					
ANGULAR ± 3 °											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
				SEE TABLE		SD-48074-002		2 OF 2			
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							