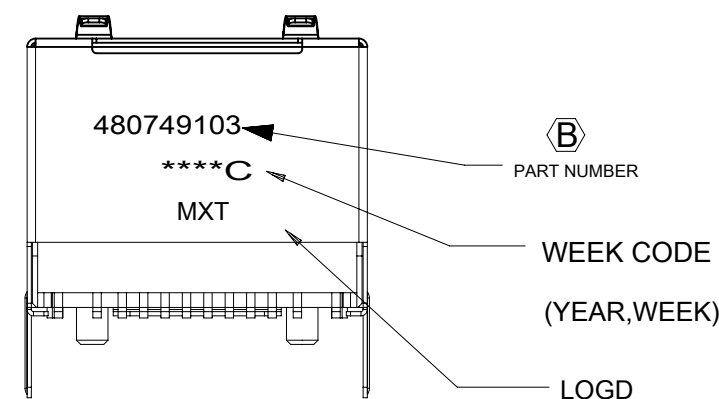
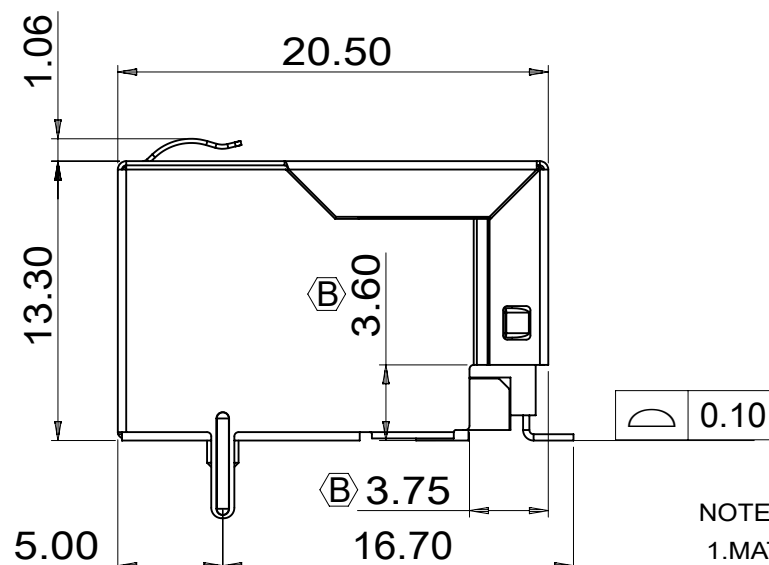
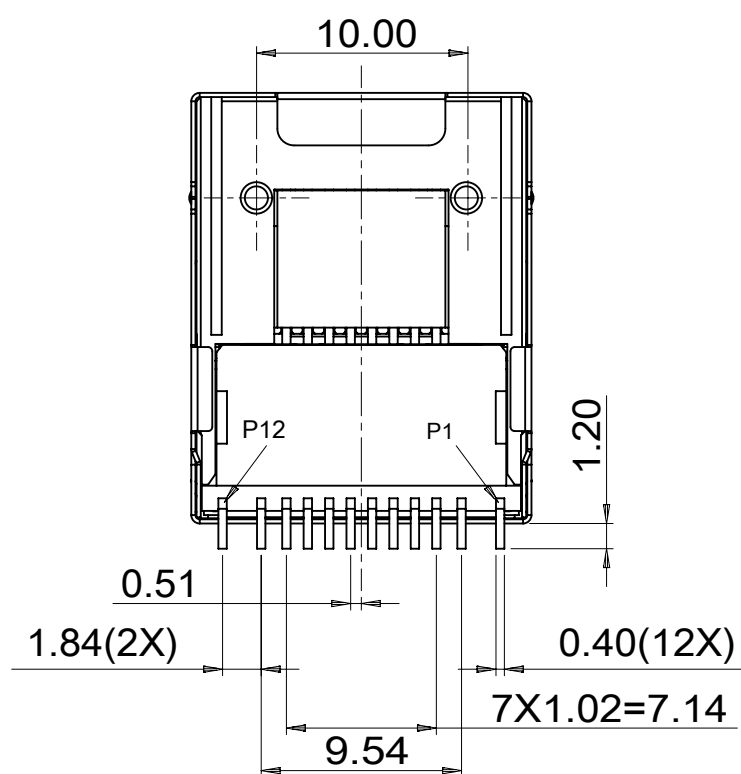
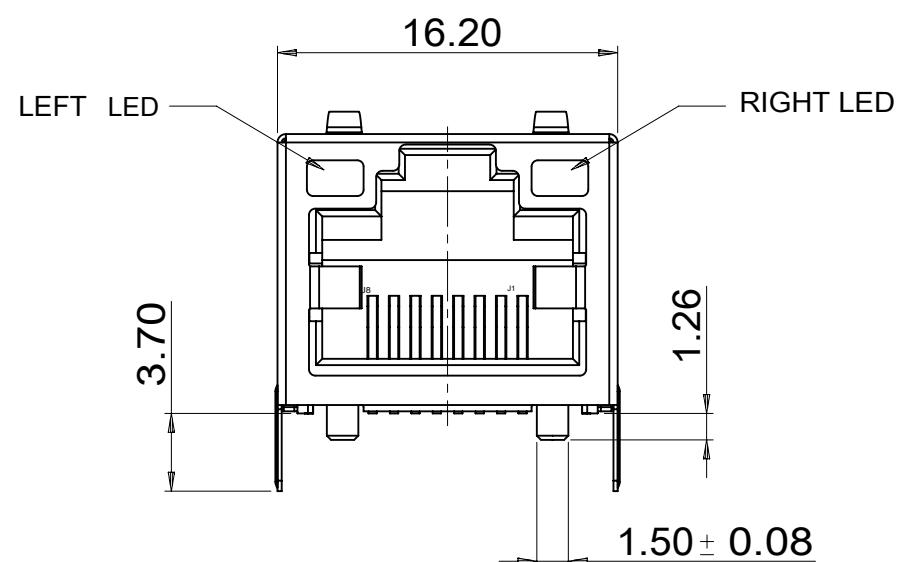


MECHANICAL DEMENSION



NOTES:

1.MATERIAL:

HOUSING:HIGH TEMP THERMOPLASTIC,UL94V-0,COLOR BLACK.

RJ45 TERMINAL:PHOSPHOR BRONZE.

TERMINAL P:BRASS

SHELL:BRASS

2.PLATING:

RJ45 TERMINAL:

CONTACT AREA:GOLD(Au),THICKNESS=30 MICROINCH/0.76 MICROMETER MIN.

SOLID TAIL:TIN(Sn), THICKNESS=80 MICROINCH/2.00 MICROMETER MIN.

UNDER PLATE:NICKEL(Ni), THICKNESS=50 MICROINCH/1.27 MICROMETER MIN.

TERMINAL P:

TIN(Sn), THICKNESS=100 MICROINCH/2.54 MICROMETER MIN. OVERALL

SHELL:

SOLDER TAIL:PRE-SOLDER TIN(Sn).

UNDER PLATE:NICKEL(Ni), THICKNESS=50 MICROINCH/1.27 MICROMETER MIN.

3.FOR IR REFLOW PROCESS. TIN PLATED AREA.

4.RECOMMENDED PCB THICKNESS=1.60±0.05

5.PRODUCT SPECIFICATION REFER TO PS-48074-006.

6.TEST SUMMARY REFER TO TS-48074-006.

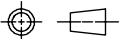
7.PACKAGING SPECIFICATION REFER TO PK-48074-101.

8.COPLANARITY: 0.10 MAX.

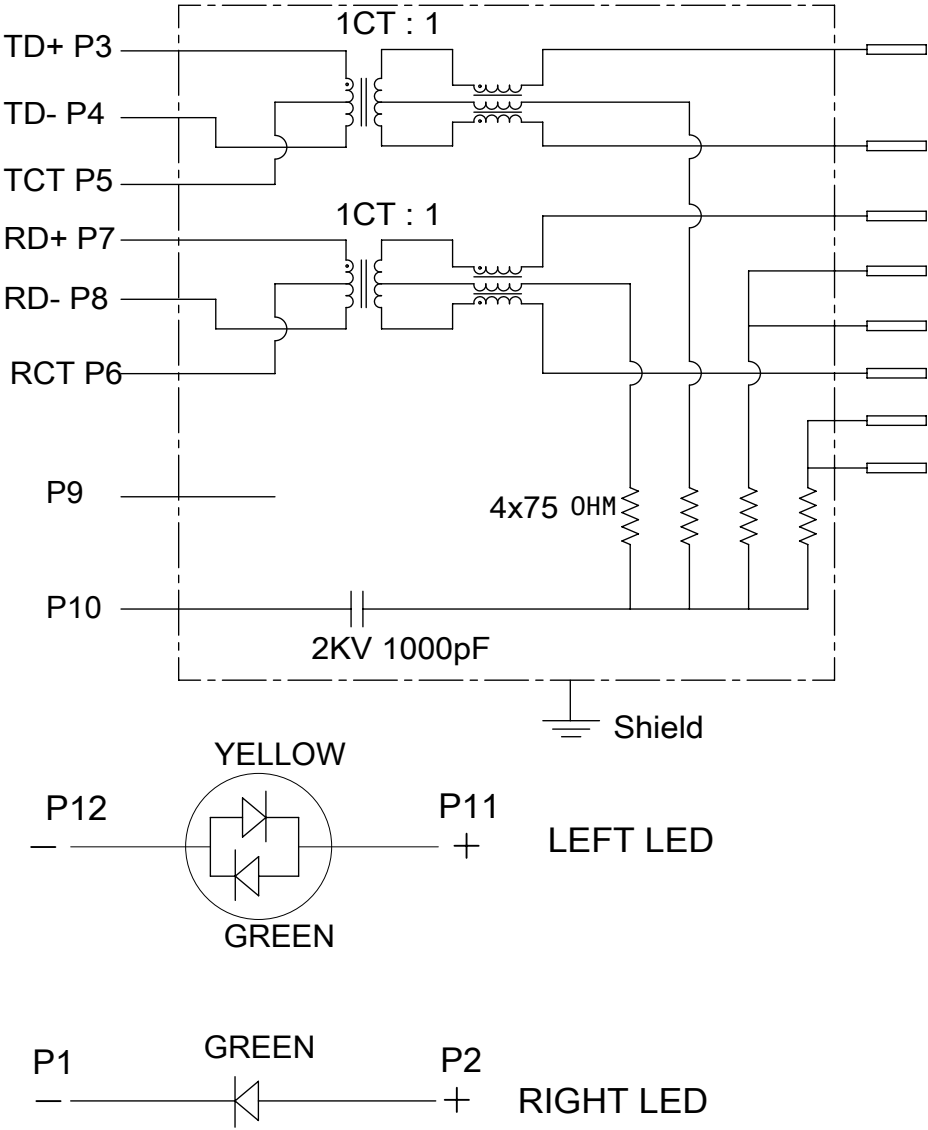
9.LEAD FREE & RoHS COMPLIANT PRODUCT.

RECOMMENDED PCB LAYOUT
ALL DIMENSION TOLERANCE ARE ± 0.05

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EC NO: 762427 DRWN: ME CHK'D: RL109 APPR: RL109	2018/08/20 2023/09/25 2023/09/25	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE		molex®							
				mm											
		ANGULAR TOL ± 3.0 °		DRWN BY		DATE		FYANG052014/09/23							
		4 PLACES ±		CHK'D BY		DATE									
		3 PLACES ±		APPR BY		DATE		RZHANG2015/03/12							
		2 PLACES ± 0.25		DRAWING SIZE		THIRD ANGLE PROJECTION									
		1 PLACE ± 0.25		A3				SERIES		MATERIAL NUMBER		CUSTOMER			
		0 PLACES ±						48074		480749103		GENERAL MARKET			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						DOCUMENT NUMBER		DOC TYPE		DOC PART		SHEET NUMBER	
								SD-48074-103		PSD		001		1 OF 2	

SCHEMATIC:



PORT P/PROT A

MAGNETIC ELECTRICAL SPECIFICATION

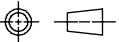
PARAMETER	SPECIFICATIONS		
	100 KHz		
INSERTION LOSS	1.0 dB MAX.		
	1-10 MHz	30 MHz	60-80 MHz
RETURN LOSS (Z OUT=100 OHM15%)	20 dB MIN	16 dB MIN	12 dB MIN
	1-10 MHz	30-60 MHz	60-100 MHz
CROSSTALK	40 dB MIN	35 dB MIN	30 dB MIN
	1-50 MHz	50-130 MHz	
COMMON MODE REJECTION RATIO	30 dB MIN	20 dB MIN	

HI-POT	(P1-P12 And Shield)Short TO PORT (J1-J8)Short	AC1500V 1.5mA 60SEC
	(P1-P12 And Shield)Short TO PORT (J1-J8)Short	DC2250V 1.5mA 60SEC

LED ELECTRICAL SPECIFICATION

PARAMETER	YELLOW/GREEN		GREEN		UNITS	TEST CONDITIONS
POWER DISSIPATION	60		60		mW	
REVERSE VOLTAGE	5		5		V	
PEAK WAVELENGTH	585~597/564.5~576.5		564.5~576.5		nm	IF=20mA
FORWARD VOLTAGE	2.1	MAX.=2.5	2.2	MAX.=2.5	V	IF=20mA

LED SCHEMATIC:

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EC NO: 762427 DRWN: ME CHK'D: RL109 APPR: RL109	2018/08/20 2023/09/25 2023/09/25	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE		molex®								
				mm												
				DRWN BY		DATE		IMPROVED MODULAR JACK INTERGRATED MAGNETICS SMT,LED								
				FYANG05		2014/09/23										
				CHK'D BY		DATE										
				APPR BY		DATE										
		RZHANG		2015/03/12		PRODUCT CUSTOMER DRAWING										
		DRAWING SIZE		THIRD ANGLE PROJECTION												
		A3				SERIES		MATERIAL NUMBER		CUSTOMER						
		48074		480749103		GENERAL MARKET										
DOCUMENT NUMBER		SD-48074-103		DOC TYPE		DOC PART		SHEET NUMBER								
PSD		001		2 OF 2												