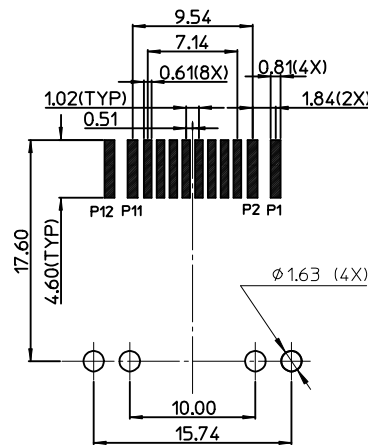
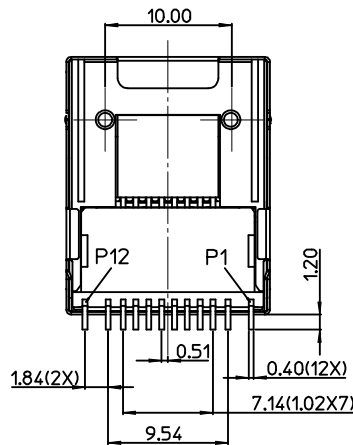
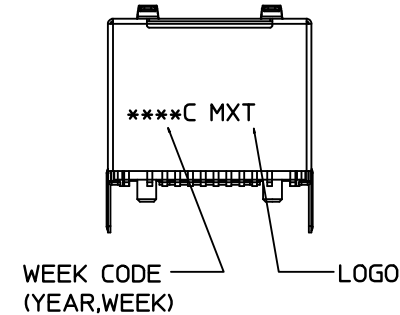
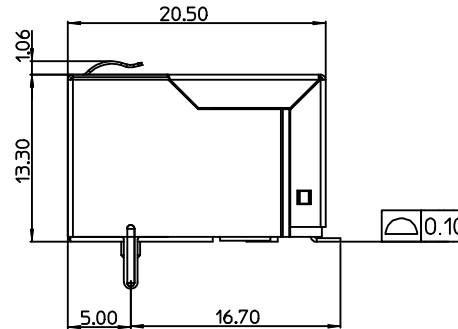
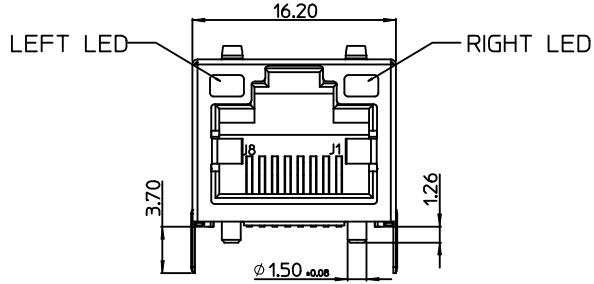


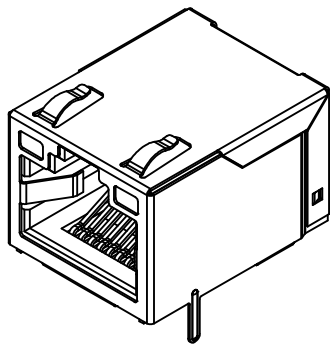
MECHANICAL DEMENSION



RECOMMENDED PCB LAYOUT
ALL DIMENSION TOLERANCE ARE ± 0.05

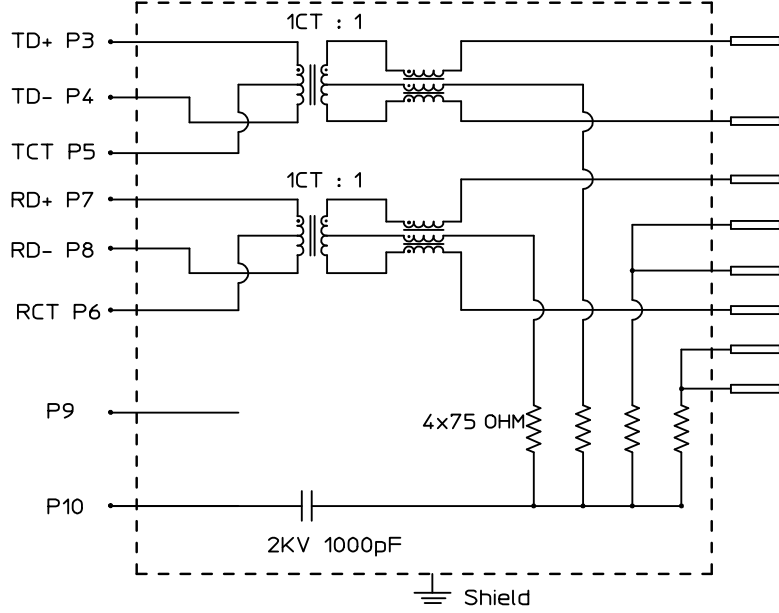
NOTES:

- 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.
SOLDER 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 $\pm$ 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.



NEW RELEASE	EC NO: S2017-0117		DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION			
								MM ONLY			METRIC				
					mm	INCH	DRAWN BY	DATE	TITLE IMPROVED MODULAR JACK INTERGRATED MAGNETICS SMT,LED						
					4 PLACES	± ---	± ---	JKACHLIC							2016/09/21
					3 PLACES	± ---	± ---	CHECKED BY	DATE	DOCUMENT NO. RSD-48074-203					
					2 PLACES	± 0.25	± ---	JKACHLIC	2016/09/21						
					1 PLACE	± 0.25	± ---	APPROVED BY	DATE	SHEET NO. 1 OF 2					
					0 PLACE	± ---	± ---	JKACHLIC	2016/10/13						
					ANGULAR ± 3 °			MATERIAL NO.		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
					DRAFT WHERE APPLICABLE			48074-9203							
1		REV			MUST REMAIN WITHIN DIMENSIONS			SIZE A3							

SCHEMATIC:



PORT P/PROT A

J1 TX+
J2 TX-
J3 RX+
J4
J5
J6 RX-
J7
J8

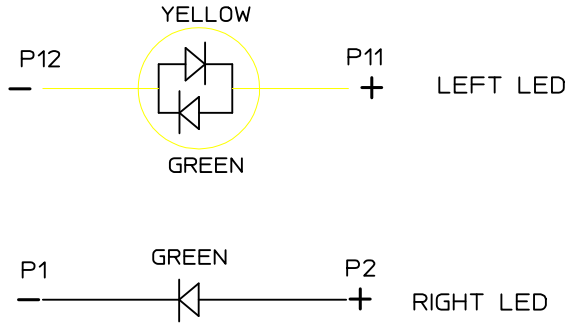
MAGNETIC ELECTRICAL SPECIFICATION

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	

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:

SEE SHEET1 EC NO: S2017-0117 DRWN: JKACH LIC 2016/09/21 CHKD: JKACH LIC 2016/09/21 APPR: JKACH LIC 2016/10/13 1	DESCRIPTION	QUALITY SYMBOLS F _A =0 F _B =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 JKACH LIC	DATE 2016/09/21	TITLE IMPROVED MODULAR JACK INTERGRATED MAGNETICS SMT,LED molex				
			4 PLACES	±---	±---	CHECKED BY JKACH LIC	DATE 2016/09/21					
			3 PLACES	±---	±---	APPROVED BY JKACH LIC	DATE 2016/10/13					
			2 PLACES	±0.25	±---	MATERIAL NO.			DOCUMENT NO.			SHEET NO.
	1 PLACE	±0.25	±---	SEE SHEET1			RSD-48074-203			2 OF 2		
	0 PLACE	±---	±---	SIZE A3			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS											