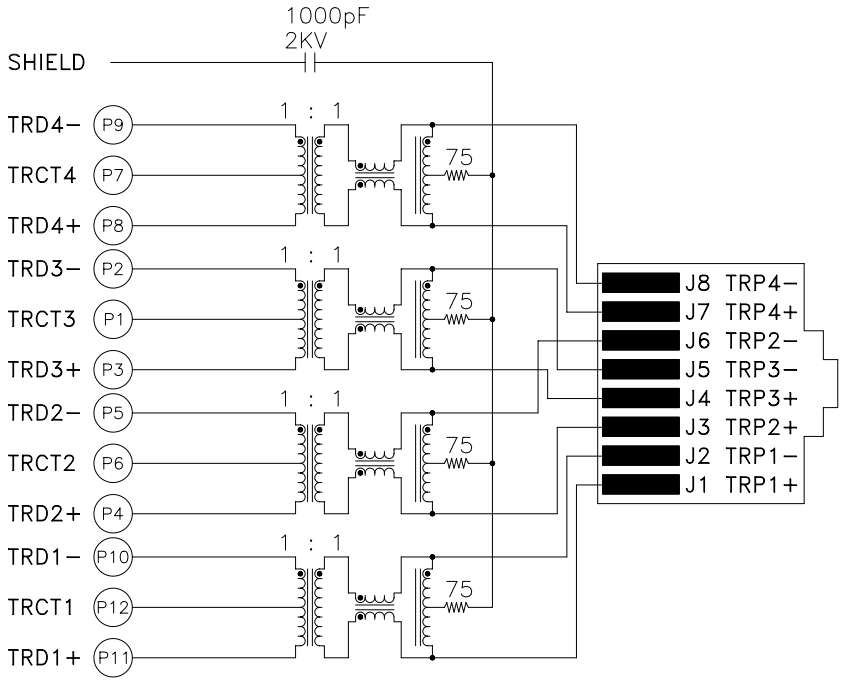

ELECTRICAL SPECIFICATIONS:

1.0 TURNS RATIO:	(P3−P2) : (J4−J5)	: 1 : 1 ±2%
	(P5−P4) : (J6−J3)	: 1 : 1 ±2%
	(P9−P8) : (J8−J7)	: 1 : 1 ±2%
	(P10−P11) : (J2−J1)	: 1 : 1 ±2%
2.0 INDUCTANCE:	(P3−P2) ; (P5−P4)	: 350 uH MIN. @ 0.1V, 100KHz, 8 mA DC BIAS
	(P10−P11) ; (P9−P8)	: 350 uH MIN. @ 0.1V, 100KHz, 8 mA DC BIAS
3.0 LEAKAGE INDUCTANCE:	P3−P2 (WITH J4 AND J5 SHORT)	: 0.3uH MAX. @ 1MHz
	P5−P4 (WITH J6 AND J3 SHORT)	: 0.3uH MAX. @ 1MHz
	P9−P8 (WITH J8 AND J7 SHORT)	: 0.3uH MAX. @ 1MHz
	P10−P11 (WITH J1 AND J2 SHORT)	: 0.3uH MAX. @ 1MHz
4.0 INTERWINDING CAPACITANCE:	(P3−P2) : (J4−J5)	: 35pf MAX @ 1MHz
	(P5−P4) : (J6−J3)	: 35pf MAX @ 1MHz
	(P9−P8) : (J5−J4)	: 35pf MAX @ 1MHz
	(P10−P11) : (J2−J1)	: 35pf MAX @ 1MHz
5.0 DC RESISTANCE:	(J6−J3) ; (J2−J1) ; (J7−J8) : (J4−J5)	: 1.2 ohms Max.

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6.0 RETURN LOSS: 1MHz TO 30MHz : −19dB MIN.
30MHz TO 60MHz : −13dB MIN.
60MHz TO 80MHz : −12dB MIN.
80MHz TO 100MHz : −10dB MIN.

7.0 DIELECTRIC WITHSTAND: (J1,J2) TO (P10,P11) ; (J5,J4) TO (P3−P2) : 1500 VAC
(J3,J6) TO (P5,P4) ; (J8,J7) TO (P9, P8) : 1500 VAC

8.0 INSERTION LOSS: RS=RL=100 ohms
100KHz TO 125MHz : −1.1 dB TYP

9.0 RISE TIME: RS=100 OHMS AND RL = 100 OHMS
OUTPUT VOLTAGE = 1 V peak : 3.0 nS MAX
PULSE WIDTH= 112nS : 3.0 nS MAX

10.0 CROSS TALK: 1−100 MHz : $-[33-20\ \mathrm{LOG}\ (\frac{F}{50\ \mathrm{MHz}})\ ]$ MIN.

11.0 COMMON TO COMMON MODE ATTENUATION: 1MHz TO 100MHz : −35dB TYP

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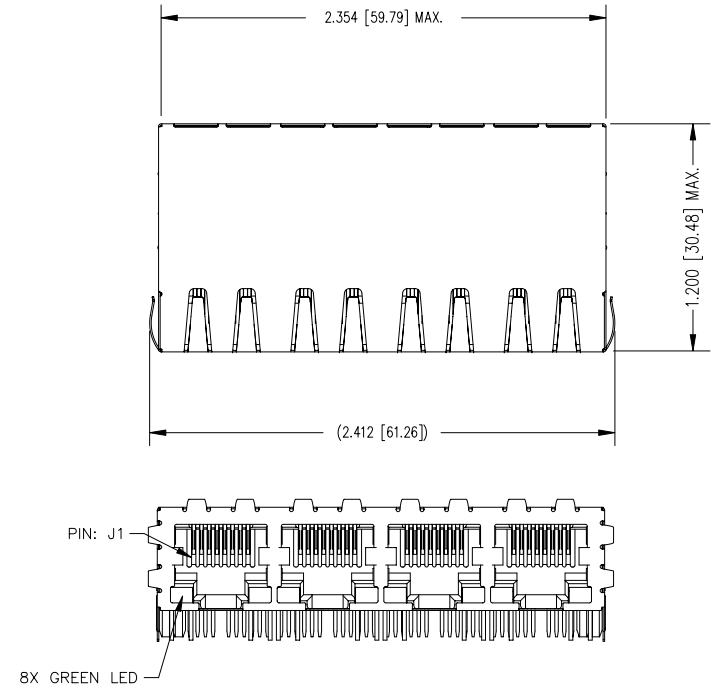
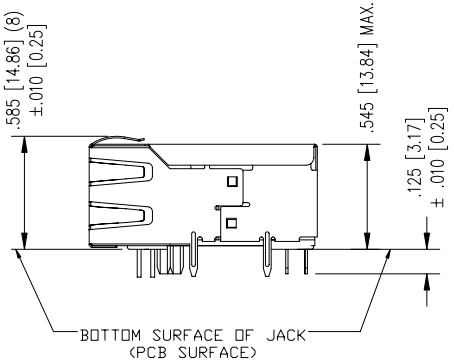
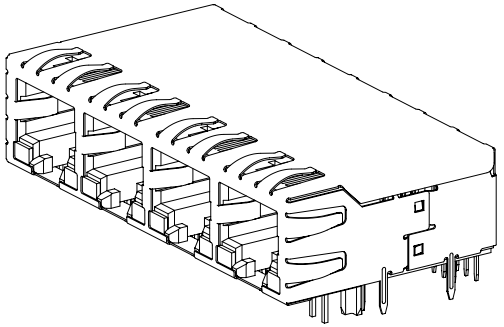
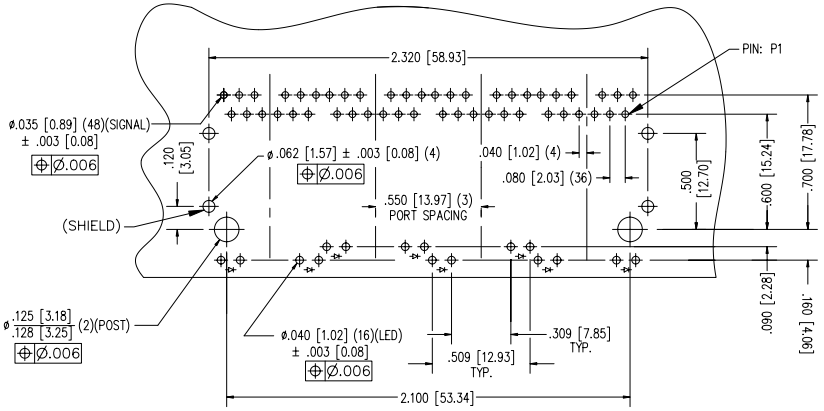
NOTES:
- TOLERANCES COMPLY WITH F.C.C. DIMENSION REQUIREMENTS
- DIMENSIONS SHOWN WITH "*" TO BE CENTRAL ABOUT CENTER LINE
- DIMENSIONS SHOWN ARE SUBJECT TO CHANGE WITHOUT NOTICE.
- PIN NOT ELECTRICALLY CONNECTED MAYBE OMITTED. SEE ELECTRICAL DRAWING FOR OMITTED PINS.
- STANDARD 50 MICRO-INCH SELECTIVE GOLD PLATING
- HIGH TEMPERATURE REFLOW COMPATABLE - 230°C/90 SEC MAX.
- ALL POLYMERS FLAMMABILITY - UL94V0



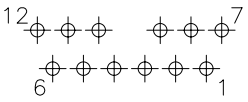






P.C.B. RECOMMENDED HOLE LAYOUT
SEEN FROM COMPONENT SIDE

ALL CENTERLINE DIMENSIONS ARE BASIC.



PIN IDENTIFICATION

LED SPECIFICATIONS

- COLOR: GREEN
- FORWARD VOLTAGE(20mA) : 2.5v (MAX)
- FORWARD VOLTAGE(20mA) : 2.1V (TYP)
- POWER DISSIPATION : 105mW
- WAVE LENGTH: 590nm
- LUMINOUS INTENSITY (10mA) : 2-8 MCD

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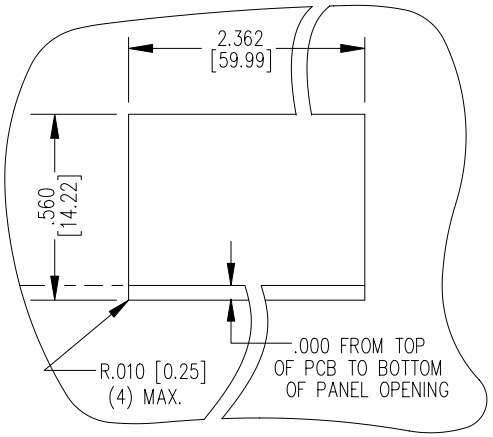
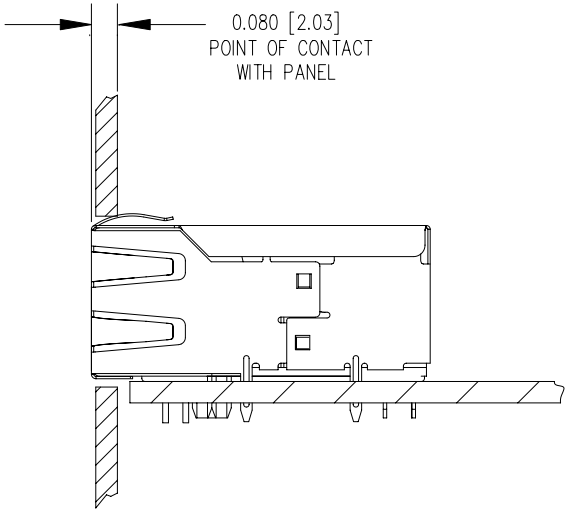


SUGGESTED PANEL OPENING



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