

NOTES:

ELECTRICAL:

1. VOLTAGE RATING : 125 VAC.
2. CURRENT RATING : 1.25 AMP.
3. INSULATING RESISTANCE : 500 MEGOHMS MINIMUM.
4. DIELECTRIC STRENGTH : 1000 VAC 60HZ, 1MIN.
5. CATEGORY 6 CHARACTERISTIC:

FREQUENCY	NEAR-END CROSSTALK	RETURN LOSS	INSERTION LOSS
MHz	dB, MIN.	dB, MIN.	dB, MAX.
1.0	75.0	30.0	0.1
4.0	75.0	30.0	0.1
8.0	75.0	30.0	0.1
10.0	74.0	30.0	0.1
16.0	69.9	30.0	0.1
20.0	68.0	30.0	0.1
25.0	66.0	30.0	0.1
31.25	64.1	30.0	0.11
62.5	58.1	28.1	0.16
100.0	54.0	24.0	0.20
200.0	48.0	18.0	0.28
250.0	46.0	16.0	0.32

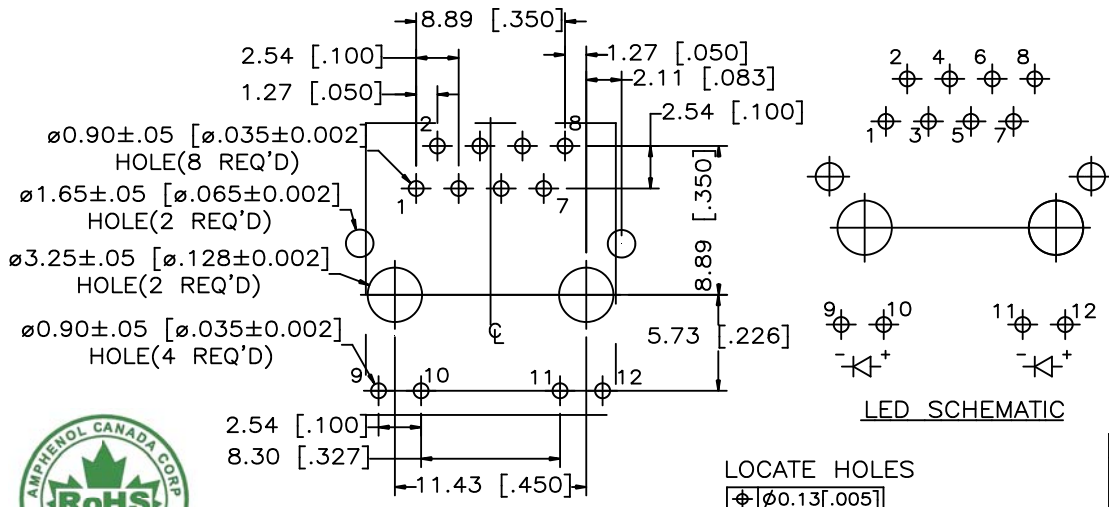
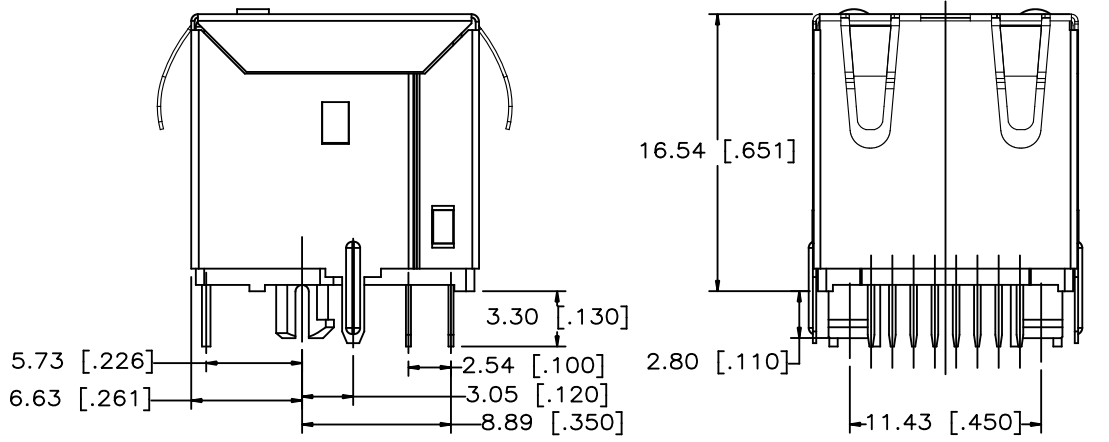
MECHANICAL:

1. HOUSING : HIGH TEMP THERMOPLASTIC. UL 94V-0.
2. INSERT : HIGH TEMP THERMOPLASTIC UL 94V-0.
3. CONTACT : PHOSPHOR BRONZE.
SELECTIVE GOLD PLATING ON MATING SURFACE,
SEE AMPHENOL PART NUMBER FOR DETAIL.
50u" MIN. NICKEL UNDERPLATE
100u" MIN. MATTE TIN PLATING ON CONTACT SOLDER TAIL.
4. SHIELD : STAINLESS STEEL

ENVIRONMENTAL:

1. STORAGE : -40° TO +85°.
 2. OPERATION : -40° TO +85°.
- MATES WITH MODULAR PLUG CONFORMING TO TIA 1096.
RECOMMENDED SOLDER PROCESS:
WAVE SOLDER, PEAK TEMPERATURE 260° FOR 5 SECOND MAXIMUM.
REFLOW SOLDER, PEAK TEMPERATURE 260° FOR 5~8 SECOND.

AMPHENOL PART NUMBER: R J E 4 5 1 8 8 1 X X 1
 GOLD PLATING _____ LED OPTION
 1 = GOLD FLASH ON NEXT PAGE
 2 = 15u"
 3 = 30u"
 4 = 50u"



LOCATE HOLES
 $\phi \pm 0.13 [0.005]$
 HOLE POSITIONS ARE BASIC

RECOMMENDED P.C.B. LAYOUT
 (COMPONENT SIDE OF BOARD)



UNLESS SPECIFIED OTHERWISE	DRAWN KELVIN TANG	MAY22/15	Amphenol Canada Corp. www.amphenolcanada.com	
PRIMARY UNITS: MILLIMETERS	CHECKED		VERTICAL MODULAR JACK	
SECONDARY: INCHES	M.E. APP'D		SINGLE PORTS, 8 POSITION, 8 CONTACTS,	
	Q.A. APP'D		REFLOW LED, SHIELDED, CAT6	
	DWG APP'D L.CHAN	MAY22/15	TRAY PACKAGING -RoHS COMPLIANT	
	ENG. REL. NO.		DWG NO.	REV
1 DECIMAL PLACE	REF.		P-RJE45-188-1XX1	D
2 DECIMAL PLACES ±0.38	THIRD ANGLE PROJECTION	DO NOT SCALE DRAWING	CODE ID NO. 03554	DWG SIZE: C
3 DECIMAL PLACES			SCALE: FIT	SHEET 1 OF 3
ANGULAR DEGREES				