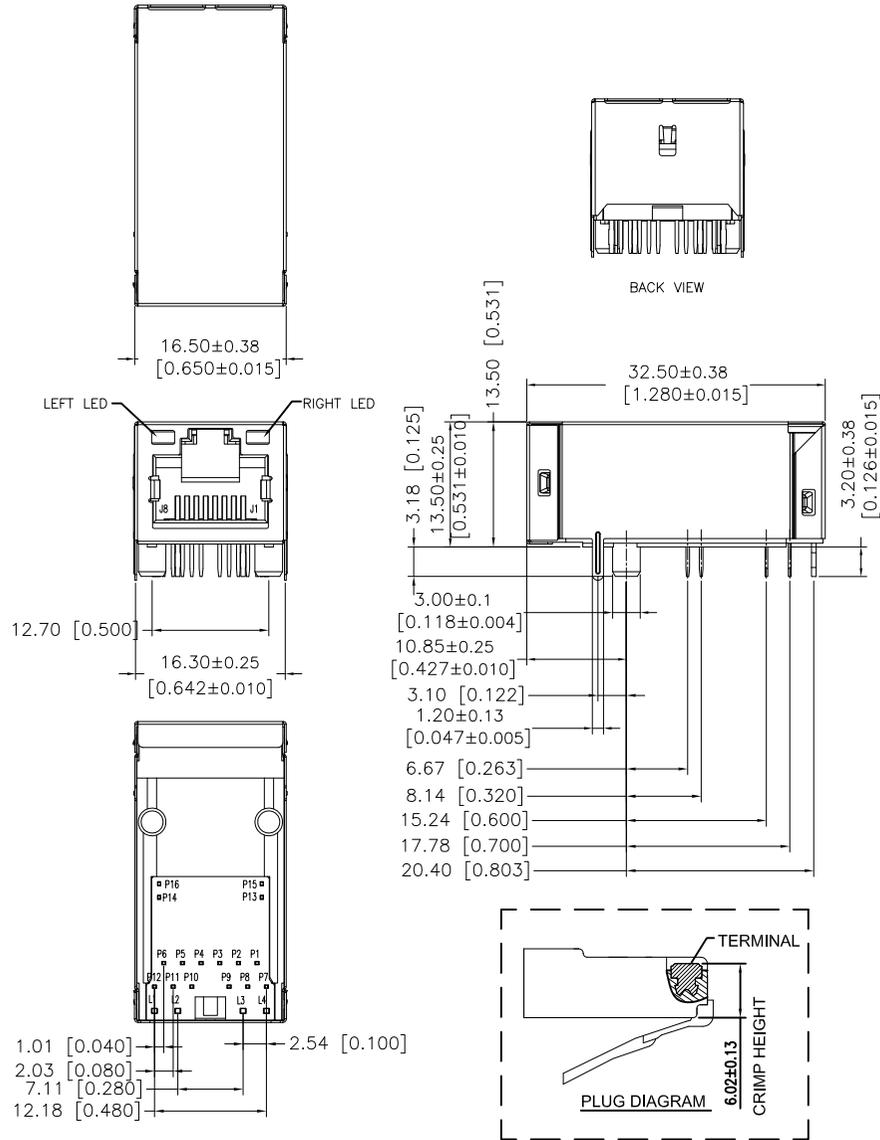


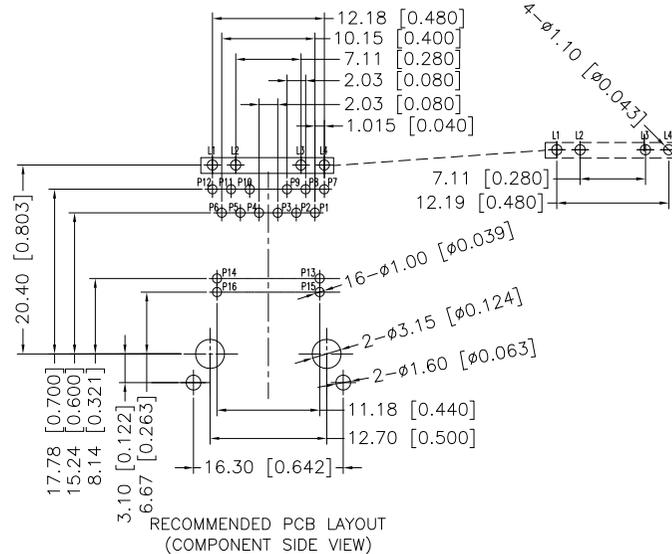


7	8
REV:	ECN. NO.
NAME	DATE

1. MECHANICAL DIMENSIONS:



- MATERIAL**
 - HOUSING : THERMOPLASTIC, UL 94V-0, PA6T, BLACK
 - MODULE CASE : HIGH THERMOPLASTIC, UL 94V-0, BLACK
 - RJ CONTACTS : PHOSPHOR BRONZE
 - PLATING : SELECT GOLD ON CONTACT AREA, 100U" MIN TIN PLATING ON SOLDER TAILS, 30U"MIN NICKEL OVERALL
 - SOLDER TAIL TERMINAL : BRASS
 - PLATING : 100U" MIN TIN, 30U"MIN NICKEL OVERALL
 - SHIELD : STAINLESS, THICKNESS=0.2MM, NICKEL PLATING
- RJ45 SPECIFICATIONS**
 - INSULATION RESISTANCE : 500 MOHMS MIN
 - INSERTION FORCE WITH THE LATCH DEPRESSED :22N MAX
 - REMOVAL FORCE WITH THE LATCH DEPRESSED :44N MAX
 - DURABILITY :750 CYCLES
- OPERATING AND STORAGE TEMPERATURE**
 - OPERATING TEMPERATURE : 0°C TO +70°C
 - STORAGE TEMPERATURE : -40°C TO +85°C
- WAVE SOLDERING TEMPERATURE:** 265±3°C FOR 10±1 SECONDS MAX.



TOLERANCE UNSPECIFIED		 VITALCON a vital connector company		FOR YOUR VITAL CONNECTION	
0.000mm ± 0.15mm 0.00mm ± 0.25mm 0.0mm ± 0.38mm				TITLE: RJ45 ICM, 10GBASE-T W/POE 60W	
DRAWN BY:	Zou Long	PART NO:	J11RJ47D5NNC7	REV: A	
CHECKED BY:	Bob	SIZE: A1	UNIT:mm	SHEET:1 OF 2	FCN: C7
APPROVED BY:	QPF	PROJECTION		http://www.vitalconn.com	

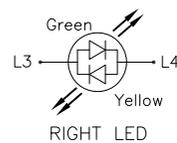
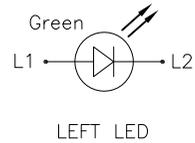
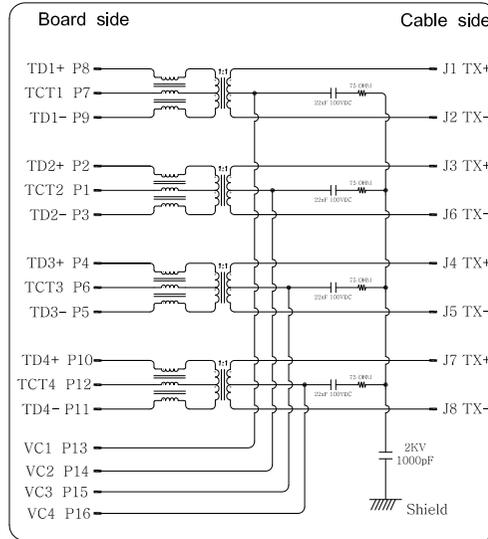
For technical support, please send an email to support@vitalconn.com



7	8
REV:	ECN. NO.
NAME	DATE

3. ELECTRICAL CHARACTERISTICS (@25°C):

2. SCHEMATIC:



- INSERTION LOSS :
 - 1-400 MHz -2.0dB MAX
- RETURN LOSS(LOAD 100Ω) :
 - 1-100 MHz -22dB MIN
 - 100-500 MHz -22+20.75*LOG(f/100)dB MIN
- CM TO DM CONVERSION (REF)
 - 1-250 MHz -30dB MIN
 - 250-500 MHz -20dB MIN
- CM TO CM ATTENUATION(REF)
 - 1-40 MHz -30dB MIN
 - 40-100 MHz -28dB MIN
 - 100-500 MHz -22dB MIN
- CROSS TALK(REF)
 - 1-100 MHz -28dB MIN
 - 100-500 MHz -19dB MIN
- INDUCTANCE @ 100KHz, 0.1V, 8mA DC BIAS
 - (P8-P9),(P2-P3),(P4-P5),(P10-P11) : 160 uH MIN
- URNS RATION 100KHz
 - (P8-P9) : (J1-J2) = 1:1 ±%3
 - (P2-P3) : (J3-J6) = 1:1 ±%3
 - (P4-P5) : (J4-J5) = 1:1 ±%3
 - (P10-P11) : (J7-J8) = 1:1 ±%3
- HI-POT TEST
 - PCB SIDE TO CABLE SIDE : 2250VDC 60S
- BALANCED DC LINE CURRENT:
 - 720mA MAX @57VDC CONTINUOUS

For technical support, please send an email to support@vitalconn.com

TOLERANCE UNSPECIFIED		VITALCON a vital connector company		FOR YOUR VITAL CONNECTION	
0.000mm ± 0.15mm 0.00mm ± 0.25mm 0.0mm ± 0.38mm		TITLE:		RJ45 ICM, 10GBASE-T W/POE 60W	
DRAWN BY:	Zou Long	PART NO:	J11RJ47D5NNC7	REV: A	
CHECKED BY:	Bob	SIZE: A1	UNIT:mm	SHEET:1 OF 2	FCN: C7
APPROVED BY:	QPF	PROJECTION		http://www.vitalconn.com	