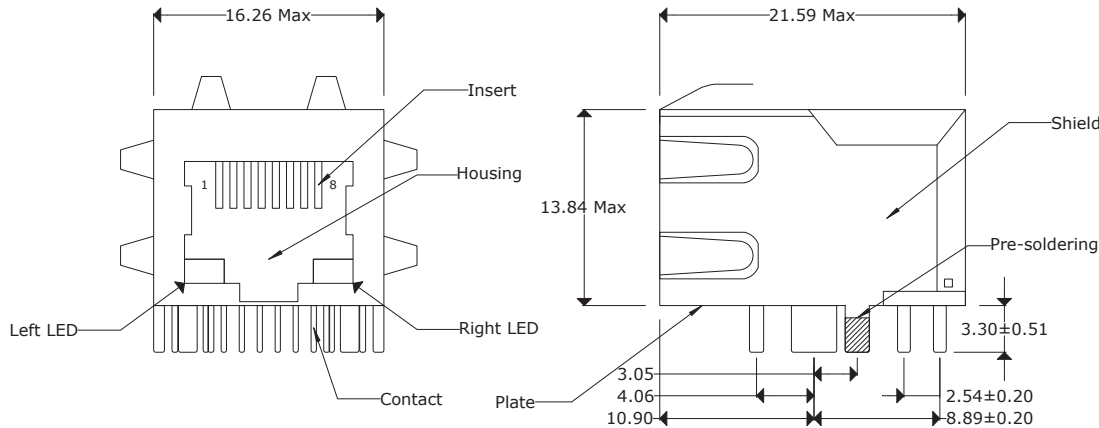
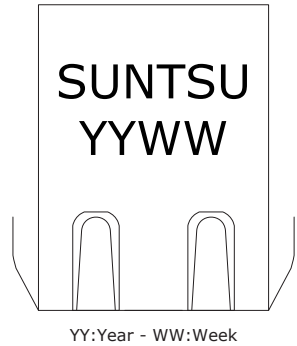
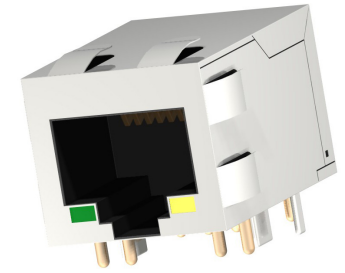
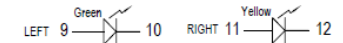
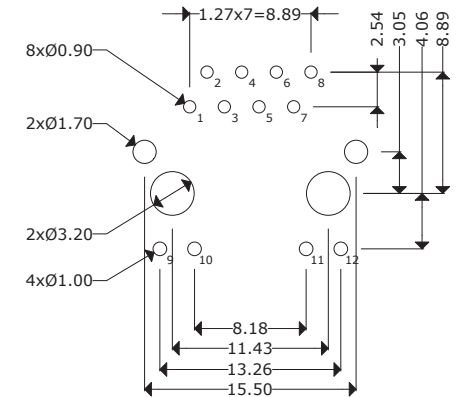


SCNRJ - 88GGMSEGY - 483I4SORTH

SUNTSU CONNECTOR RJ45 CONTACTS 8:8 MAGNETIC M: With EMI Finger E: With OPERATING TEMP 48: -40~85°C CONTACT TERMINATION SO: SOLDER
POSITIONS 8:8 CONTACT PLATING GG: 6u" Gold Plating SHIELD S: With LED COLOR GY: Left - Green Right - Yellow HEIGHT 3I4: 13.84mm MOUNTING STYLE RTH: Right Angle Through Hole



PC Board Layout



Electrical Parameters

Turn Ratio(±5%): 1CT:1CT

Inductance(100KHz/0.1V@8mA): 350uH MIN@0°C~70°C

Insertion Loss(dB MAX): -1.0dB(0.3-100MHz)

Return Loss(dB MIN): -18dB(1-30MHz), -16dB(40MHz), -14dB(50MHz), -10dB(60-80MHz)

Cross Talk(dB MIN): -40dB(30MHz), -35dB(60MHz), -30dB(100MHz)

CMR(dB MIN): -30dB(30MHz), -20dB(60MHz), -20dB(100MHz)

HI-POT(Pri to Sec): 1500Vrms/0.5mA/60sec or 1650Vrms/0.5mA/2Sec

Materials

Housing: Nylon 66 UL94V-0 Standard color Black

Insert: Phos-Bronze C5210 EH---0.35 Thickness

Insert: PBT GF UL94V-0

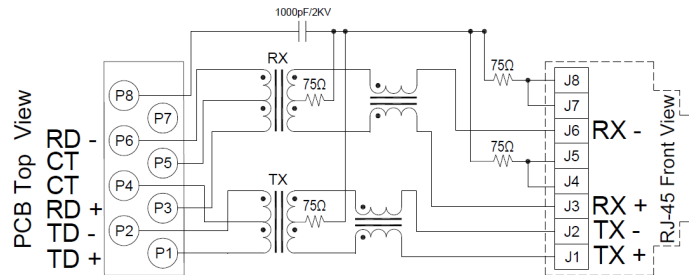
Insert Plating: (1) Nickel (2) 100% Sn (3) Gold (6u")

Plate: PBT GF UL 94V-0

Contact Pin: Phos-Bronze C5191---0.35 Thickness

Contact Plating: (1) Nickel (2) 100% Sn

Shielding: Brass C2680 Plating Nickel



Remarks:

Operating Life: 750 Cycles MIN.

Standard LED	Wavelength	Forward*V(MAX)	TYP
Green	565nm	2.5V	2.2V
Yellow	585nm	2.5V	2.1V

With a forward current of 20mA



10/100 BASE-T SINGLE PORT
RJ-45 JACK MAGNETICS

Document History				Part No.	Drawn
Edits Made	Date	Edited By	Approved By	SCNRJ-88GGMSEGY-483I4SORTH	B. Gibbons 10/06/2021
Initial Release	10/06/2021	B. Gibbons	KH Mun		
Added LED Connections	09/16/2023	B. Gibbons	KH Mun	Scale	Tolerance
				Unit	Unless otherwise specified, all tolerances are ±0.25 Pages
				mm	