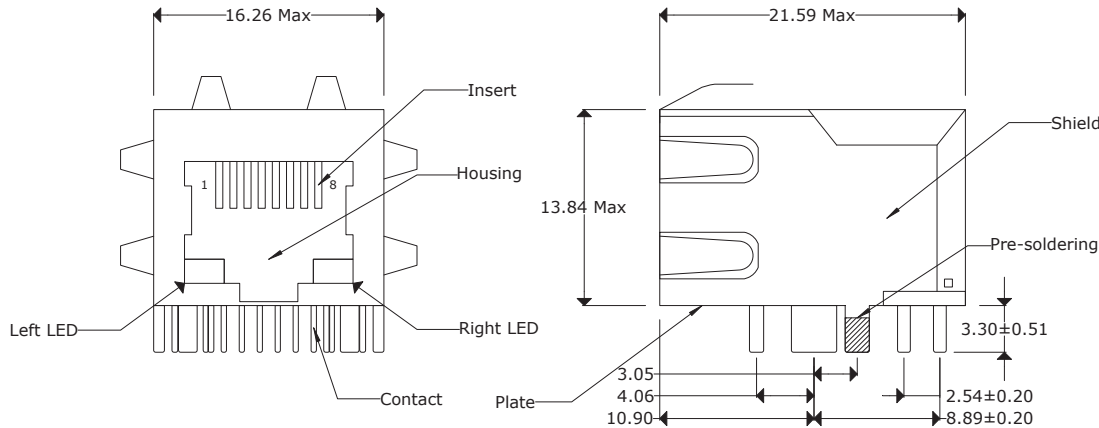
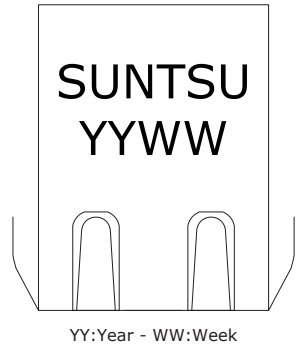
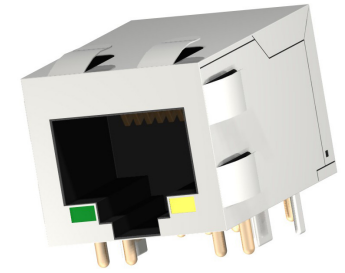
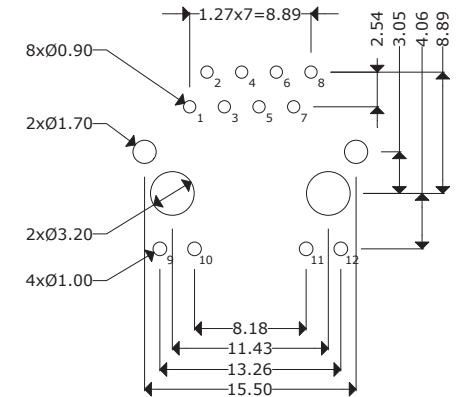


SCNRJ-88GGMSEGY-483I4SORTH

SUNTSU	RJ45	CONTACTS 8 : 8	MAGENETIC M : With	EMI Finger E : With	OPERATING TEMP 48 : -40~85°C	CONTACT TERMINATION SO : SOLDER	
CONNECTOR		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

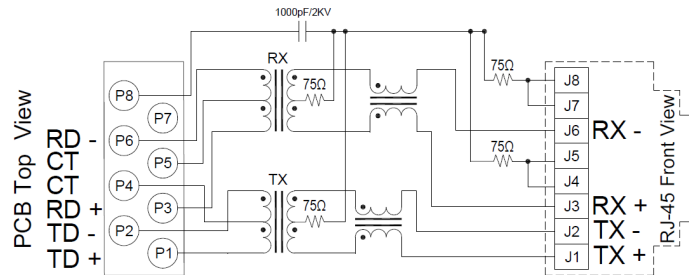


Electrical Parameters

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	Scale	Tolerance
				Unit	Unless otherwise specified, all tolerances are ±0.25
					Pages
					1/1