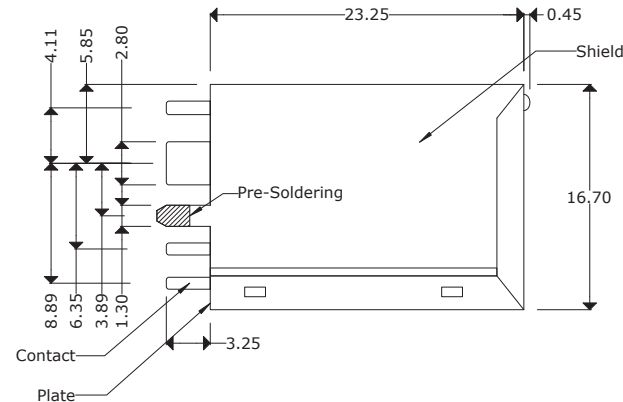
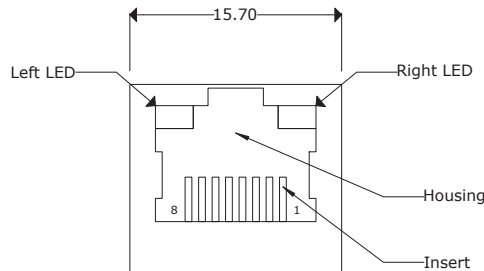
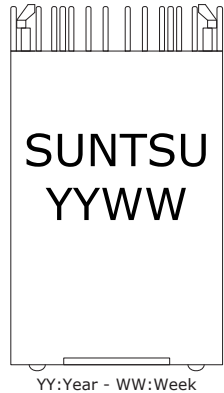
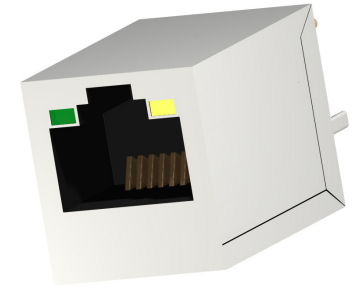
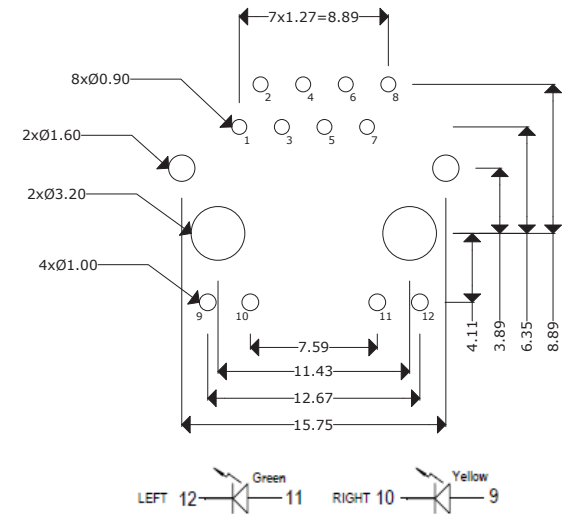


SCNRJ-88GGMSNGY-486H SO VTH

SUNTSU	RJ45	CONTACTS 8 : 8	MAGENETIC M : With	EMI Finger N : None	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 6H : 16.7mm	MOUNTING STYLE VTH : Vertical Through Hole



PC Board Layout



Electrical Parameters

Turn Ratio(±5%): 1CT:1CT

OCL(100KHz/0.1V@8mA): 350uH MIN

Insertion Loss(dB TYP): -1.2dB(0.3-100MHz)

Return Loss(dB TYP): -18dB(1-10MHz), -16dB(30MHz), -12dB(60-80MHz)

Cross Talk(dB TYP): -30dB(1-10MHz), -30dB(30-60MHz), -30dB(60-100MHz)

CMR(dB TYP): -30dB(1-50MHz), -20dB(50-130MHz)

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

Materials

Housing: Nylon 66 UL94V-0 Standard color Black

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

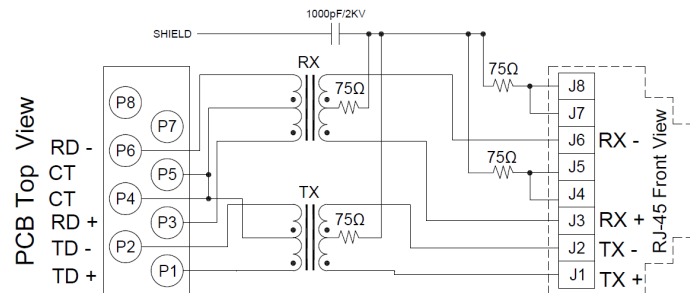
Insert: PBT GF UL94V-0

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

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



180° 10/100 BASE-T SINGLE PORT RJ45 JACK MAGNETICS

Document History				Part No.	Drawn
Edits Made	Date	Edited By	Approved By	SCNRJ-88GGMSNGY-486HSOVTH	B. Gibbons 10/06/2021
Initial Release	10/06/2021	B. Gibbons	KH Mun	Scale	Tolerance
Added LED Connection	09/19/2023	B. Gibbons	KH Mun	Unit	Unless otherwise specified, all tolerances are ±0.25 Pages
				mm	1/1