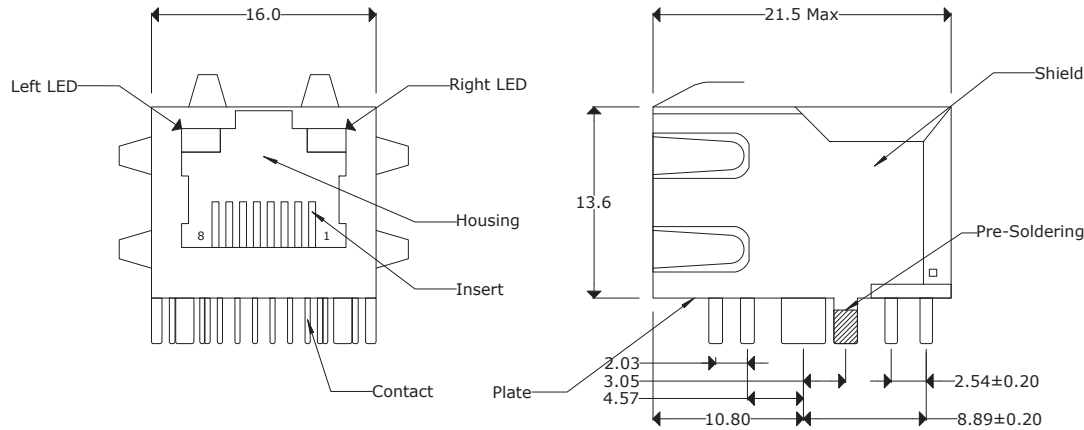
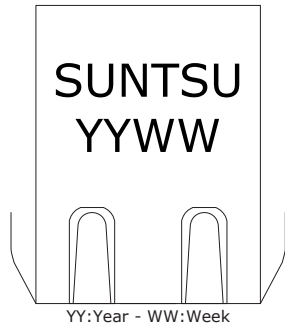
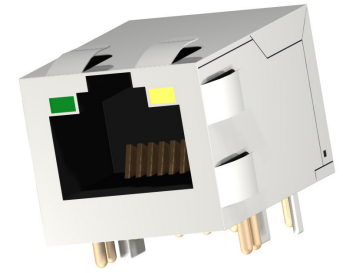
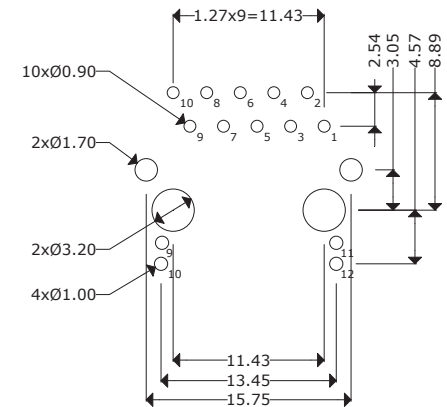


SCNRJ-1010GGMSEGY-073GSO RTH

SUNTSU	RJ45	CONTACTS 10 : 10	MAGENETIC M : With	EMI Finger E : With	OPERATING TEMP 07 : 0~70°C	CONTACT TERMINATION SO : SOLDER	
CONNECTOR		POSITIONS 10 : 10	CONTACT PLATING GG : 6u" Gold Plating	SHIELD S : With	LED COLOR GY : Left - Green Right - Yellow	HEIGHT 3G : 13.6mm	MOUNTING STYLE RTH : Right Angle Through Hole



PC Board Layout



Electrical Parameters

Turn Ratio(±5%): 1CT:1CT

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

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

Return Loss(dB MIN): -16dB(1-30MHz), -13.5dB(40MHz), -11.5dB(50MHz), -10dB(60-80MHz)

Cross Talk(dB MIN): -40dB(30MHz), -36dB(60MHz), -30dB(100MHz)

DCMR(dB MIN): -35dB(30MHz), -32dB(60MHz), -30dB(100MHz)

HI-POT(Pri to Sec): 1500Vrms

Materials

Housing: Nylon 66 UL94V-0 Standard color Black

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

Insert: PBT GF UL94V-0

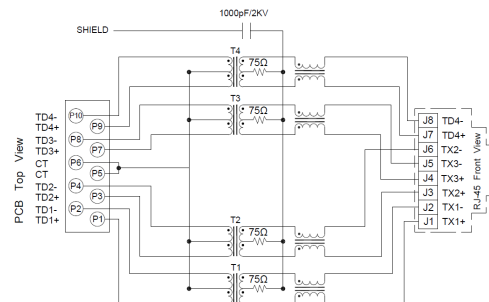
Insert Plating: (1) Nickel (2) 100% Sn (3) Gold (6u")

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



1000 BASE-T SINGLE PORT
RJ45 JACK MAGNETICS

Document History				Part No.	Drawn
Edits Made	Date	Edited By	Approved By	SCNRJ-1010GGMSEGY-073GSORTH	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

mm