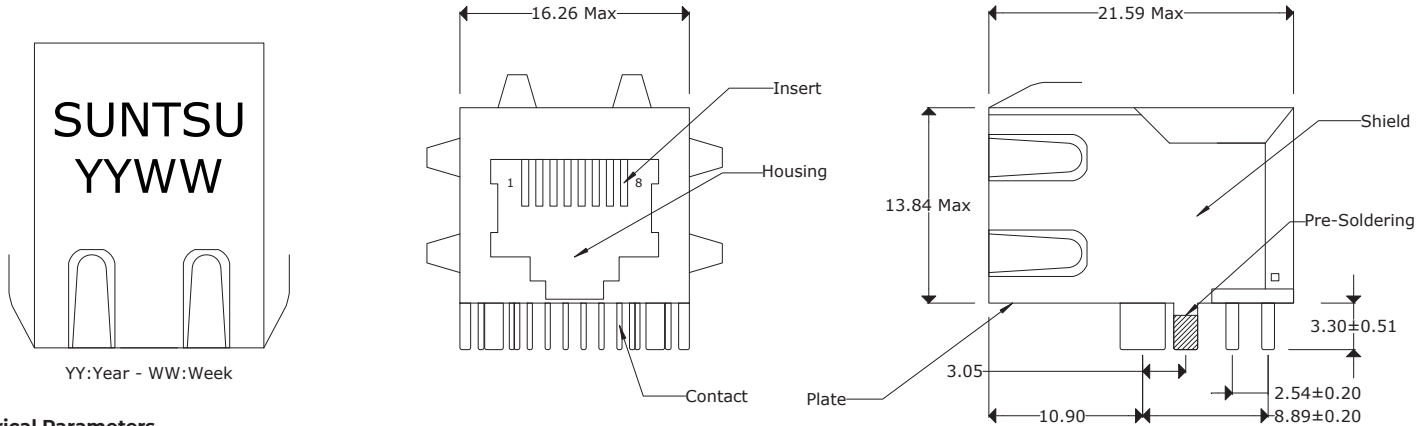
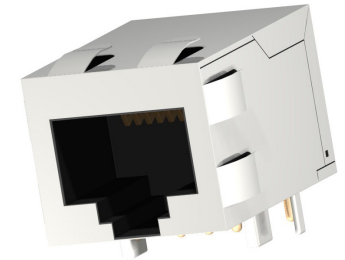
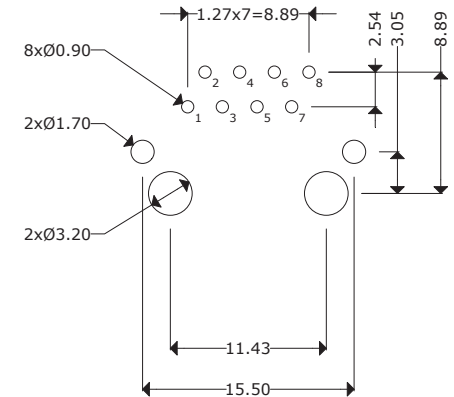


SCNRJ-88GGMSEN-073I4SORTH

SUNTSU	RJ45	CONTACTS 8 : 8	MAGENETIC M : With	EMI Finger E : With	OPERATING TEMP 07 : 0~70°C	CONTACT TERMINATION SO : SOLDER
CONNECTOR	POSITIONS 8 : 8	CONTACT PLATING GG : 6u" Gold Plating	SHIELD S : With	LED COLOR N : None	HEIGHT 314 : 13.84mm	MOUNTING STYLE RTH : Right Angle Through Hole



PC Board Layout

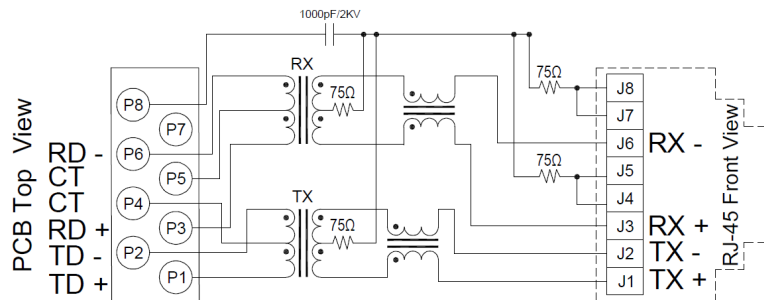


Electrical Parameters

Turn Ratio(±5%): 1CT:1CT
 Inductance(100KHz/0.1V@8mA): 350uH MIN
 Insertion Loss(dB MAX): -1.0dB(0.3-100MHz)
 Return Loss(dB MIN): -18dB(1-30MHz), -16dB(40MHz), -12dB(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.



10/100 BASE-T SINGLE PORT
 RJ45 JACK MAGNETICS

Document History				Part No.	Drawn
Edits Made	Date	Edited By	Approved By	SCNRJ-88GGMSEN-073I4SORTH	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
					mm