

SCN RJ - 8 8 SG M S N GY - 07 6H SO VTH

SUNTSU

RJ45

CONTACTS
8 : 8

MAGNETIC
M : With

EMI Finger
N : None

OPERATING TEMP
07 : 0~70°C

CONTACT TERMINATION
SO : SOLDER

CONNECTOR

POSITIONS
8 : 8

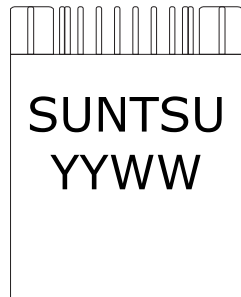
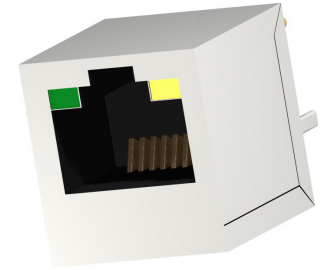
CONTACT PLATING
SG : Selective Gold
Plating

SHIELD
S : With

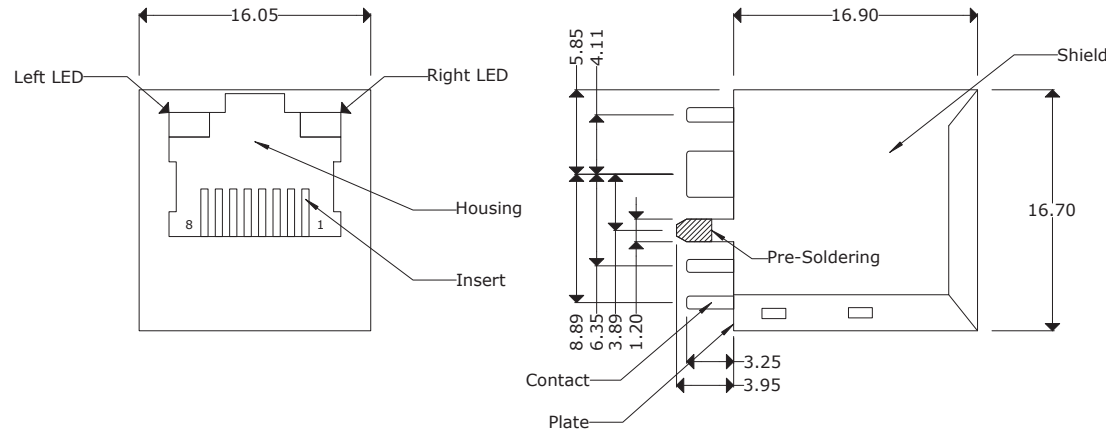
LED COLOR
GY : Left - Green
Right - Yellow

HEIGHT
6H : 16.7mm

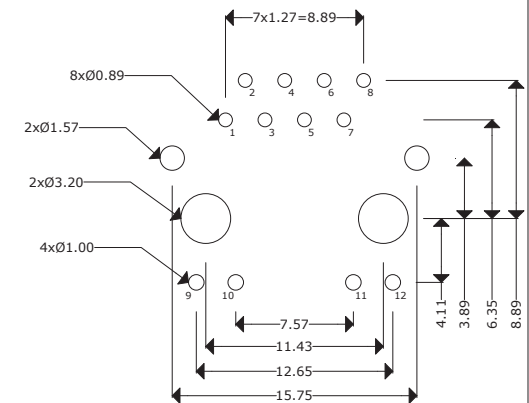
MOUNTING STYLE
VTH : Vertical
Through Hole



YY:Year - WW:Week



PC Board Layout



Electrical Parameters

Turn Ratio(±5%): 1CT:1CT

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

DCR(J1-J2,J3-J6): 1.2Ω MAX

Insertion Loss(dB MAX): -1.2dB(1-100MHz)

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

Cross Talk(dB MIN): -30dB(1-100MHz)

CMR(dB MIN): -30dB(1-100MHz)

HI-POT(Pri to Sec): 2250VDC

Materials

Housing: Nylon 66 UL94V-0 Standard color Black

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

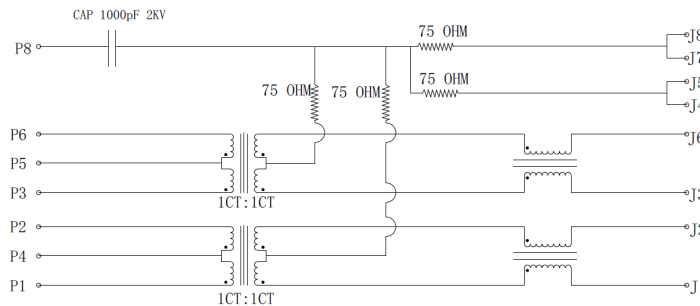
Insert Plating: (1) Nickel (2) 100% Sn (3) Gold (6u")

Plate: PBT GF UL 94V-0

Contact Pin: Copper Alloy

Contact Plating: Selective Gold

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

Edits Made	Date	Edited By	Approved By
Initial Release	05/16/2022	B. Gibbons	KH Mun

Part No.	SCNRJ-88SGMSNGY-076HSOVTH
Scale	Not drawn to scale
Unit	mm

Drawn	B. Gibbons 10/06/2021
Tolerance	Unless otherwise specified, all tolerances are ±0.25
Pages	1/1