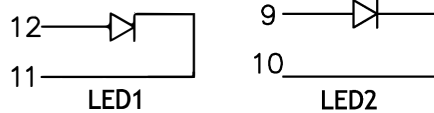
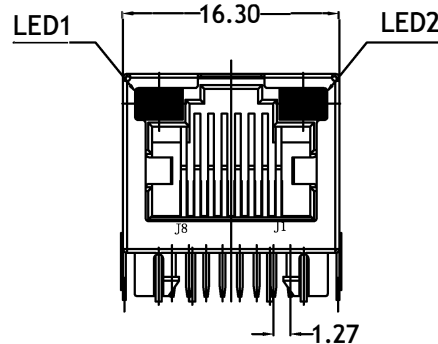


RoHS COMPLIANT



LED Specification

Standard LED Color	LED Wavelength	Foward(A)	Foward(V)
Green	568nm	20mA	1.8-2.8V
Yellow	585nm	20mA	1.8-2.8V



MATERIAL:

HOUSING : PBT,UL94V-0,BLACK.

TERMINALS BRACKET: PBT,UL94V-0,BLACK.

SHIELD: C2680,T=0.20MM,NICKEL PLATING ON ALL AREA.

TERMINAL: PHOSPHOR BRONZE C5210,T=0.35MM,
6U" GOLD PLATING ON CONTACT AREA.

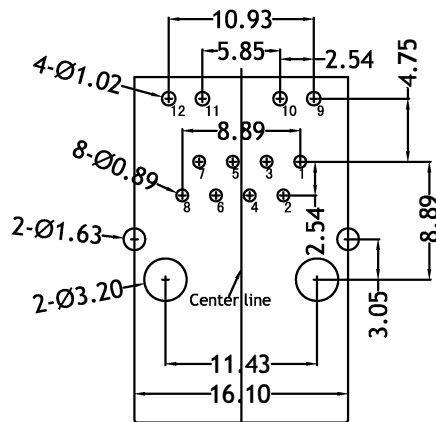
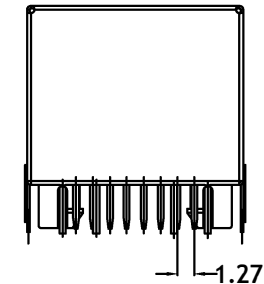
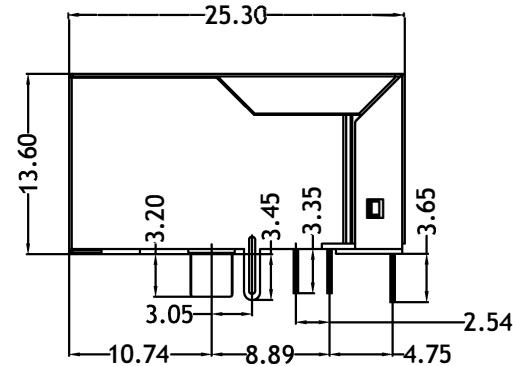
MECHANICAL:

DURABILITY : 750 CYCLES MIN.

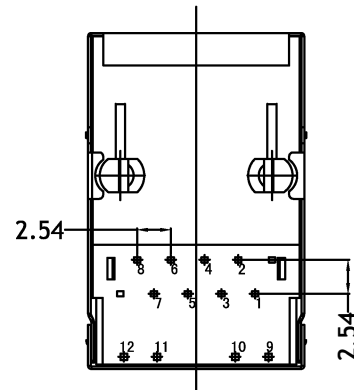
MATING FORCE : 30N MAX.

OPERATING TEMPERATURE: -40°C~+85°C.

STORAGE TEMPERATURE: -40°C~+85°C.



RECOMMENDED P.C.B.LAYOUT
ALL TOLERANCES ARE±0.05



Part number Information:

RJ45M-00192-XX S

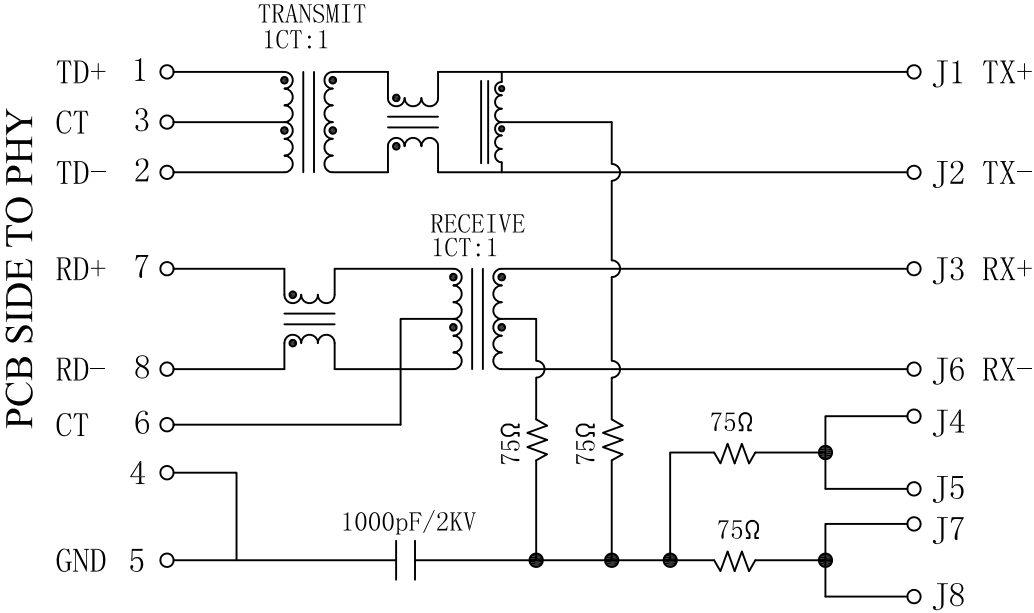
Terminal Plating
GF:Gold Flash Plating on Mating Area
03:3u" Gold Plating on Mating Area
06:6u" Gold Plating on Mating Area
15:15u" Gold Plating on Mating Area
30:30u" Gold Plating on Mating Area

Series

Blank: W/O LED
1: LED1 GREEN LED2 YELLOW
2: LED1 YELLOW LED2 GREEN

						Angle	±2°	DESIGN				Satron Electronics Ltd.	
						X.	±0.30	CHECK					
						X.X	±0.20					TITLE:	RJ45 1port 100BASE W/LED Tab-Up
						X.XX	±0.15	APPROVAL				MODEL NO.	RJ45M-00192-XX S
ECN NO.	REV	DATE	DESCRIPTION	CHANGE	APPRO.	GENERAL TOLERANCE UNLESS OTHERWISE NOTED		SCALE: 1:1	UNIT:mm	A4	SHEET: 1 of 3		

RoHS COMPLIANT



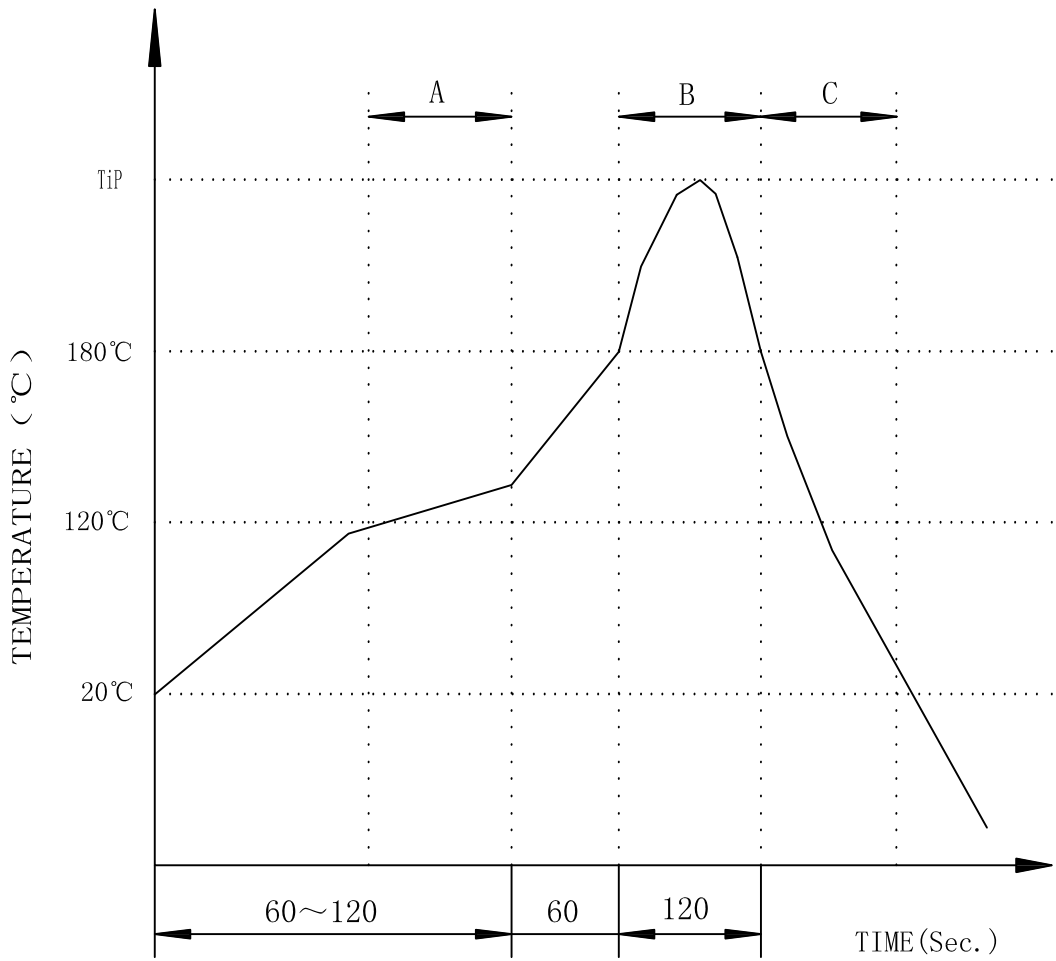
CABLE SIDE

Electrical:

- 1.Turn ratio:1~2:J1~J2=1CT:1CT(±2%).
3~6:J3~J6=1CT:1CT(±2%).
- 2.OCL:350uH Min.at 100KHz 100mV 8mA DC.
- 3.Insertion Loss: -1.0 dB Max 1~100MHz.
- 4.Return loss: -20dB Min 1~10MHz;
-16dB Min 10~30MHz.
-12dB Min 30~60MHz.
-10dB Min 60~80MHz.
- 5.Cross talk: -40dB Min 1~30MHz;
-35dB Min 30~60MHz;
-30dB Min 60~100MHz;
- 6.CMR: -35dB Min 1~100MHz;
- 7.Hi-Pot:1500V AC & 2250V DC
6S 1mA PRI TO SEC

						Angle	±2°	DESIGN				Satron Electronics Ltd.	
						X.	±0.30	CHECK					
						X.X	±0.20					TITLE:	RJ45 1port 100BASE W/LED Tab-Up
	A-0		NEW			X.XX	±0.15	APPROVAL				MODEL NO.	RJ45M-00192-XX S
ECN NO.	REV	DATE	DESCRIPTION	CHANGE	APPRO.	GENERAL TOLERANCE UNLESS OTHERWISE NOTED		SCALE: 1:1	UNIT:mm	A4		SHEET: 2 of 3	

PROFILE OF WAVE SOLDER



A.Preheating B.Soldering C.Gradual Cooling
Tip temperature:260±5° C.
Tip temperature time:5Sec Max.
Tip melting point of Sn96.5/Ag3/Cu0.5:217° C.

Remarks: after wave soldering, the plastic positioning columns of the product which under the PCB will be slightly melted, but it won't affect its function.

						Angle	±2°	DESIGN				Satron Electronics Ltd.	
						X.	±0.30	CHECK					
						X.X	±0.20					TITLE:	RJ45 1port 100BASE W/LED Tab-Up
						X.XX	±0.15	APPROVAL				MODEL NO.	RJ45M-00192-XX S
ECN NO.	REV	DATE	DESCRIPTION	CHANGE	APPRO.	GENERAL TOLERANCE UNLESS OTHERWISE NOTED			SCALE: 1:1	UNIT:mm	A4	SHEET: 3 of 3	