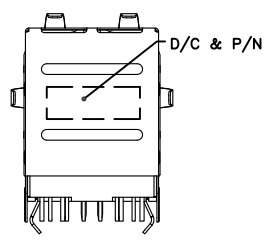
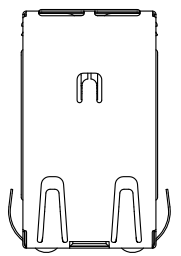


1 2 3 4 5 6 7 8

F
E
D
C
B
A

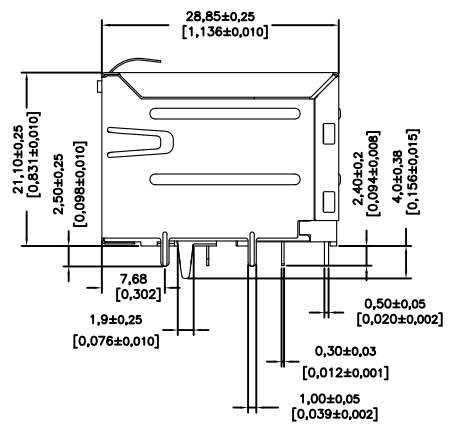
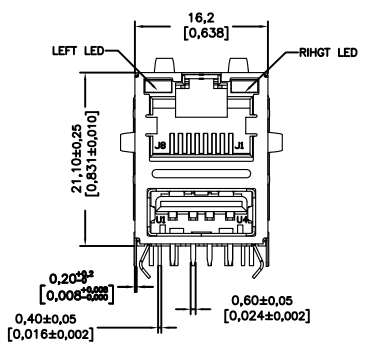


ELECTRICAL CHARACTERISTICS :

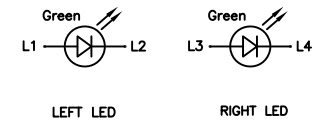
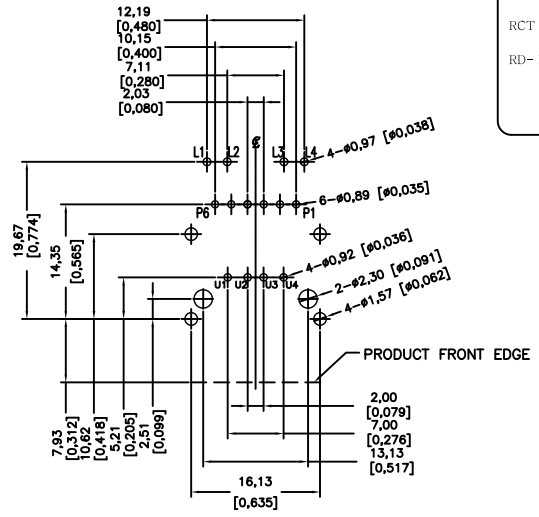
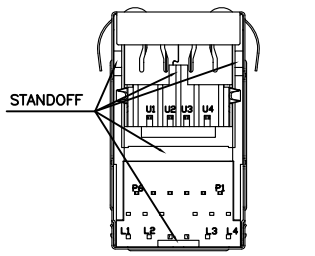
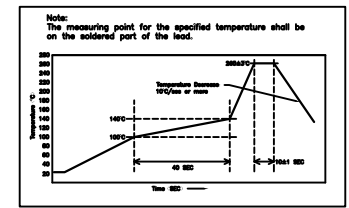
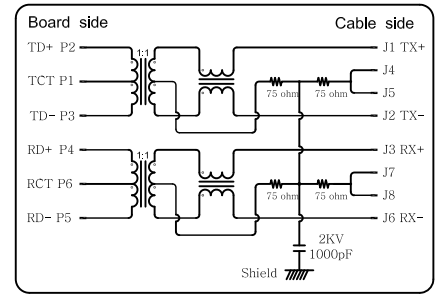
1. INSERTION LOSS :
- 1~100 MHz -1.0dB MAX.
2. RETURN LOSS(LOAD 100Ω) :
- 1~30 MHz -18dB MIN
- 30~60 MHz -16dB MIN
- 60~80 MHz -12dB MIN
3. COMMON MODE REJECTION
- 1~100 MHz -30dB MIN
4. CROSS TALK
- 1~100 MHz -30dB MIN
5. INDUCTANCE @ 100KHz, 0.1V, 8mA DC BIAS
- (P2-P3),(P4-P5) : 350 uH MIN
6. DCR
- (J1-J2),(J3-J6) : 1.2 OHM MAX
7. HI-POT TEST
- PCB SIDE TO CABLE SIDE : 1500VAC 60S OR 2250VDC 60S
8. TURNS RATION 100KHz
- (P2-P3) : (J1-J2) = 1:1 ±%3
- (P4-P5) : (J3-J6) = 1:1 ±%3

SPECIFICATIONS :

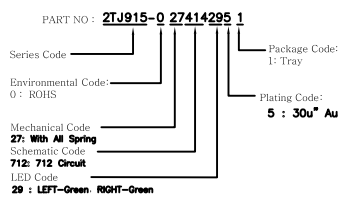
1. MATERIAL
RJ45
- HOUSING : THERMOPLASTIC, UL 94V-0, BLACK
- MODULE CASE : THERMOPLASTIC, UL 94V-0, BLACK
- COVER&SPACER: THERMOPLASTIC, UL 94V-0, BLACK
- RJ CONTACTS : PHOSPHOR BRONZE
PLATING : SELECT GOLD ON CONTACT AREA(SEE PART NO),
100U" MIN TIN PLATING ON SOLDER TAILS, 30U"MIN NICKEL OVERALL
- SOLDER TAIL TERMINAL : BRASS
PLATING : 100U" TIN MIN ON 30U"MIN NICKEL OVERALL
- SHIELD : STAINLESS, THICKNESS=0.2MM, PRE-SOLDERING
USB
- HOUSING : THERMOPLASTIC, UL 94V-0, BLACK
- CONTACTS : BRASS
PLATING : 30U"MIN NICKEL OVERALL
SELECT GOLD ON CONTACT AREA
80U" TIN MIN ON SOLDER TAILS
- SHIELD : BRASS
PLATING : 30U"MIN NICKEL OVERALL
2. RJ45 SPECIFICATIONS
- INSULATION RESISTANCE : 500 MOHMS MIN
- DIELECTRIC WITHSTANDING VOLTAGE : 1000 VAC FOR 1 MINUTE
- INSERTION FORCE WITH THE LATCH DEPRESSED :22N MAX
- REMOVAL FORCE WITH THE LATCH DEPRESSED :44N MAX
- DURABILITY :750 CYCLES
3. USB SPECIFICATIONS
- INSERTION FORCE :35N MAX
- REMOVAL FORCE :10N MIN
- DURABILITY :1500 CYCLES
- INSULATION RESISTANCE : 100MOHMS MIN
- DIELECTRIC WITHSTANDING VOLTAGE : 100 VAC FOR 1 MINUTE
4. OPERATING AND STORAGE TEMPERATURE
- OPERATING TEMPERATURE : 0°C TO +70°C
- STORAGE TEMPERATURE : -40°C TO +85°C
5. TEMPERATURE CONDITION OF WAVE SOLDERING:



SCHEMATIC FOR RJ45:



Emitting Color	λp (nm)	Vf @If=20mA	Ir @Vr=5V
Green	565	1.7V~2.6V	10uA max.



HSF COMPLIANT

17-Jul-17

GENERAL TOLERANCE

.X± 0.20	.X"± 2'
.XX± 0.10	.X"± 1'
.XXX±	

Singatong Enterprise Co., Ltd.

TITLE	RJ45 IMC,100BASE-T,LED OPTION			
DWN	Tony Zheng	PART NO. 2TJ915-0274142951		
CHKD	Herry	SCALE 1:1	UNIT: mm	
APVD	Herry	SIZE: A3	SHEET:1 OF 1	REV: A

CUSTOMER COPY

1 2 3 4 5 6 7 8