

APPROVED SHEET

CUSTOMER:

CUSTOMER P/N:

YLT P/N:

RP11155H02GA

REV:

A

SPEC NO.

RP1-0007

DESCRIPTION:

RJ45 1X1 Tab Down

5G Base-T

Contact Area: 50u" Gold

LED: L-Yellow;R-Green

CUSTOMER APPROVAL		COMPANY APPROVAL	
INSPECTED BY:		ISSUED BY:	
CHECKED BY:		CHECKED BY:	
APPROVED BY:		APPROVED BY:	
APPROVED DATE:		ISSUED DATE:	

思科飞尔技术（深圳）有限公司

Siscofer Technology(Shen Zhen)Co.,Ltd.

总部地址：深圳市宝安区新安街道创业二路中粮创芯研发中心4-307室

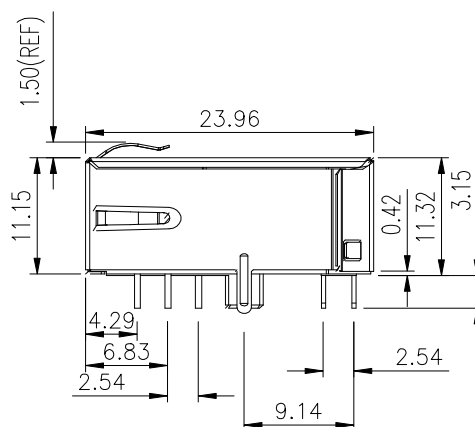
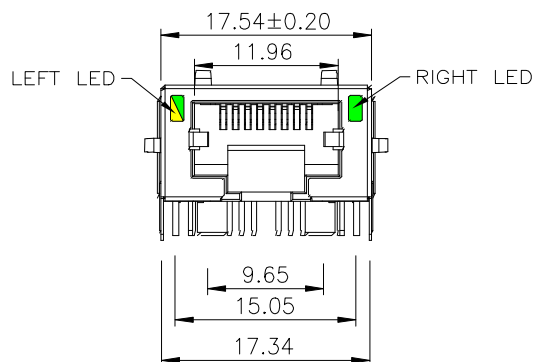
工厂地址：四川省绵阳市涪城区文武中路218号电子制造产业园9栋3号3楼

Tel:0755-83845349 15602918199

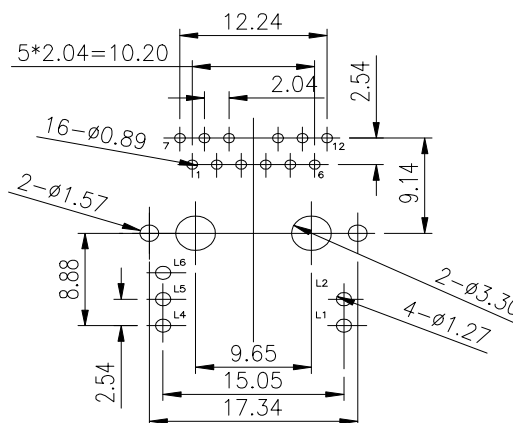
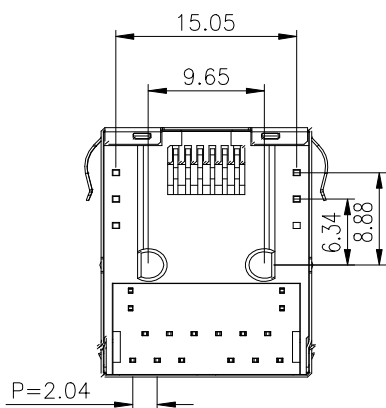
www.Siscofer.com



A. MECHANICAL(unit:mm)



General Tolerance:
X.X :±0.25
X.XX :±0.20
X.XXX:±0.10



Notes:

(1).Material:

Housing: Thermoplastic, LCP, Black, UL 94V-0.

Contact: Phosphor Bronze, Thickness=0.35mm.

Shell: Brass, Thickness=0.20mm.

(2).Finish:

Contact: 50μ" Min Nickel Underplating All Area.

100μ" Min Tin On Solder Tail.

50u" Gold On Contact Area.

Shell: 30μ" Min Nickel Underplating All Area.

(3).Durability Operating Life:

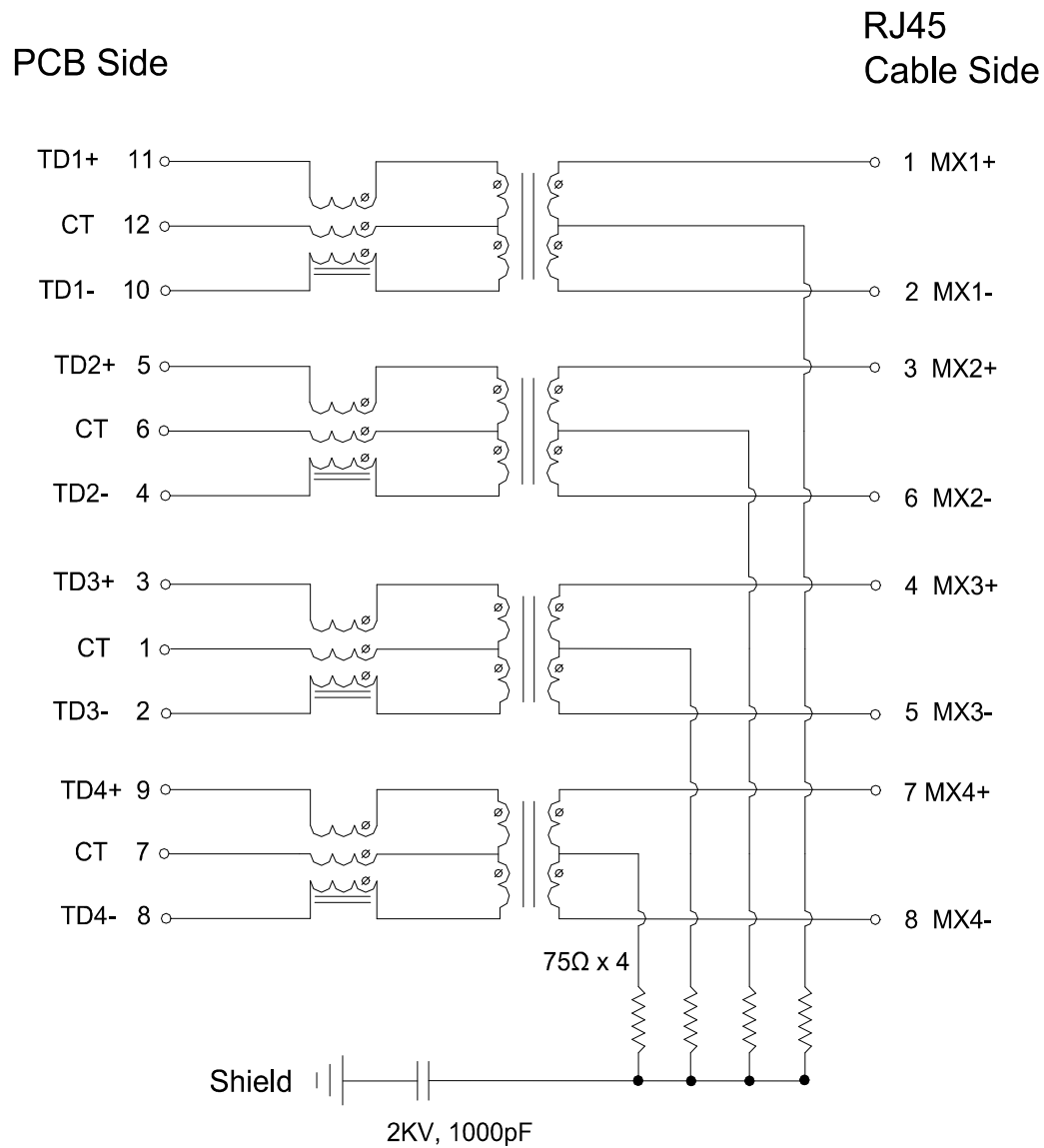
750 Cycles Min.

(4).Jack Cavity Conforms To FCC Rules And Regulations Part 68, Subpart F.

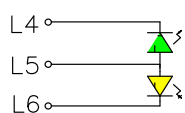
DESCRIPTION	SUR P/N	SPEC NO.	REV: A
RJ45 1X1 Tab Down	RP1113PF03GF	RP1-0007	PAGE: 1/4



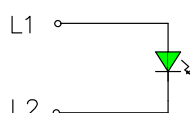
B.SCHEMATICS



LEFT



RIGHT



Standard LED Color	LED Wavelength	Foward(A)	Foward(V)
Green/Yellow	565	20mA	1.8-2.4V
Red	585	20mA	1.7-2.5V

DESCRIPTION	SUR P/N	SPEC NO.	REV: A
RJ45 1X1 Tab Down	RP1113PF03GF	RP1-0007	PAGE: 2/4



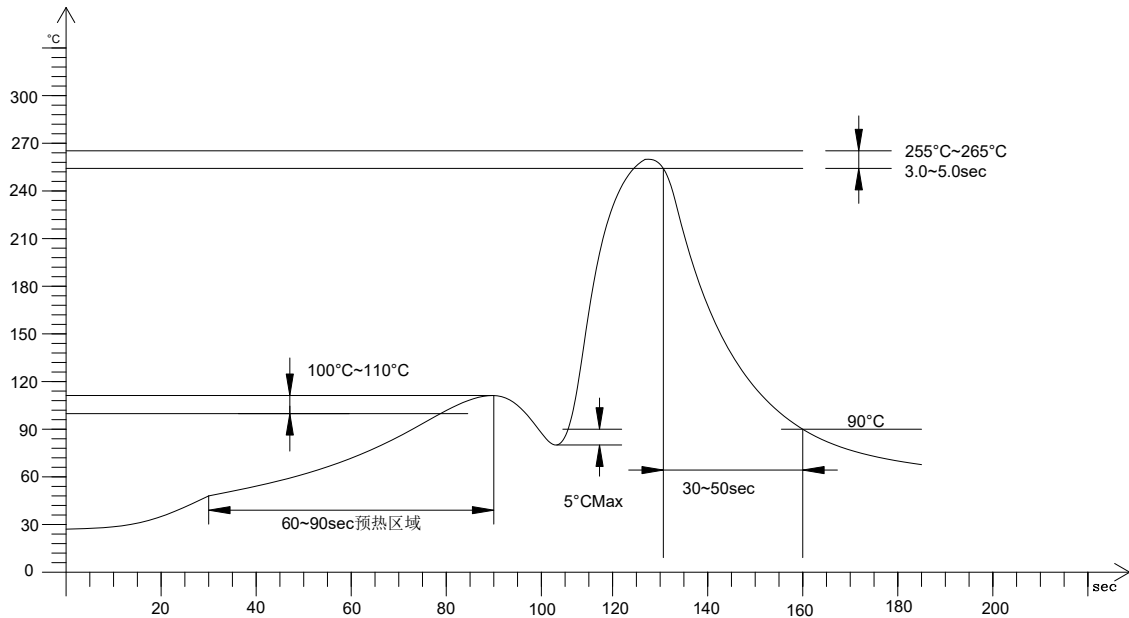
C. ELECTRICAL SPECIFICATIONS @25°C

1. OCL: 140uH Min @ 100KHz, 0.1V 14mA DC BIAS
2. Leakage Inductance: 0.5uH Max @ 100KHz, 0.1V
3. DCR: 1000mΩ Max
4. Turns Ratio: 1CT:1CT±5%
5. Insertion Loss: -1.0 dB Max @ 1-100 MHz
-2.0 dB Max @ 100-250 MHz
6. Return Loss: -16 dB Min @ $1 \leq f \leq 40$ MHz
-16+10log(f/40) dB Min @ $40 < f \leq 250$ MHz, where f is in MHz
7. Cross Talk: -30 dB Typ @ 1-250 MHz
8. Common Mode Rejection Ratio: -30 dB Typ @ 1-250 MHz
9. Isolation Hipot: 2250VDC 1mA 60S
10. Operating temperature: -40°C to +85°C
11. Storage temperature -40°C to +125°C
12. RoHS compliant

DESCRIPTION	SUR P/N	SPEC NO.	REV: A
RJ45 1X1 Tab Down	RP1113PF03GF	RP1-0007	PAGE: 3/4



D. RECOMMEND WAVE SOLDERING CURVE



DESCRIPTION	SUR P/N	SPEC NO.	REV: A
RJ45 1X1 Tab Down	RP1113PF03GF	RP1-0007	PAGE: 4/4