

APPROVED SHEET

CUSTOMER: _____

CUSTOMER P/N: _____

YLT P/N: RUB6096PS3GA

REV: A

SPEC NO. RUB-0002

DESCRIPTION: RJ45 1X1 Tab Up

2.5G Base-T

Contact Area: 6u" Gold

LED: L-Green/Orange; R-Yellow

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

Please Return One Copy to Us After Approved,TKS! (承认后请回寄一份,谢谢)

思科飞尔技术（深圳）有限公司

Siscofer Technology(Shen Zhen)Co.,Ltd.

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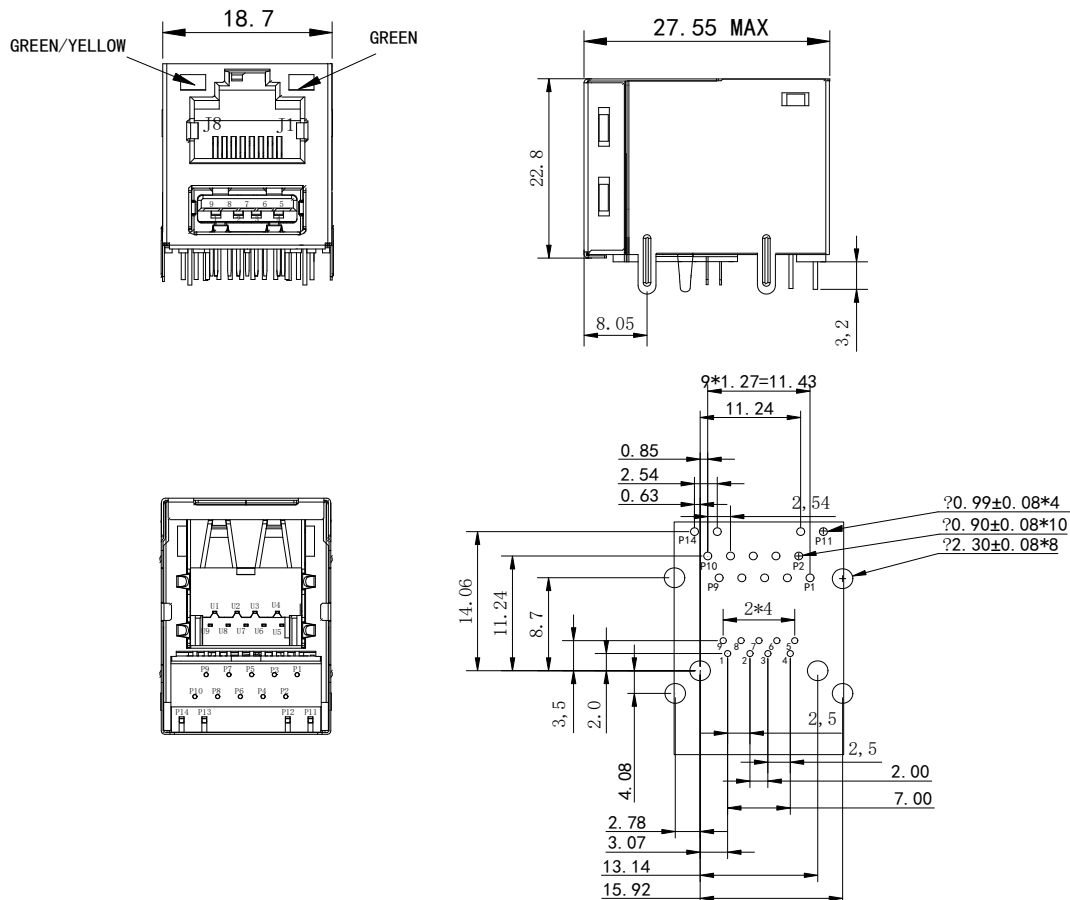


思科飞尔技术（深圳）有限公司
Siscofer Technology(Shen Zhen)Co.,Ltd.

品 名P/N: RUB6096PS3GA			
日 期	REV	变更内容	申请人
2024/3/12	A	新版发行	Binghua Zhou



A. MECHANICAL(unit:mm)



Notes:

(1).Material:

Housing: Thermoplastic,PBT, 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.

6u" Gold On Contact Area.

Shell: 30μ" Min Nickel Underplating All Area.

(3).Durability Operating Life:

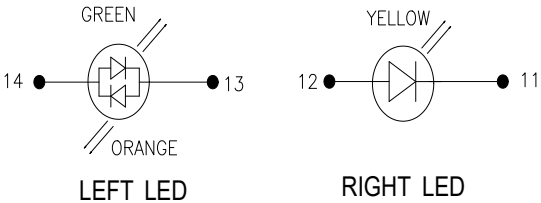
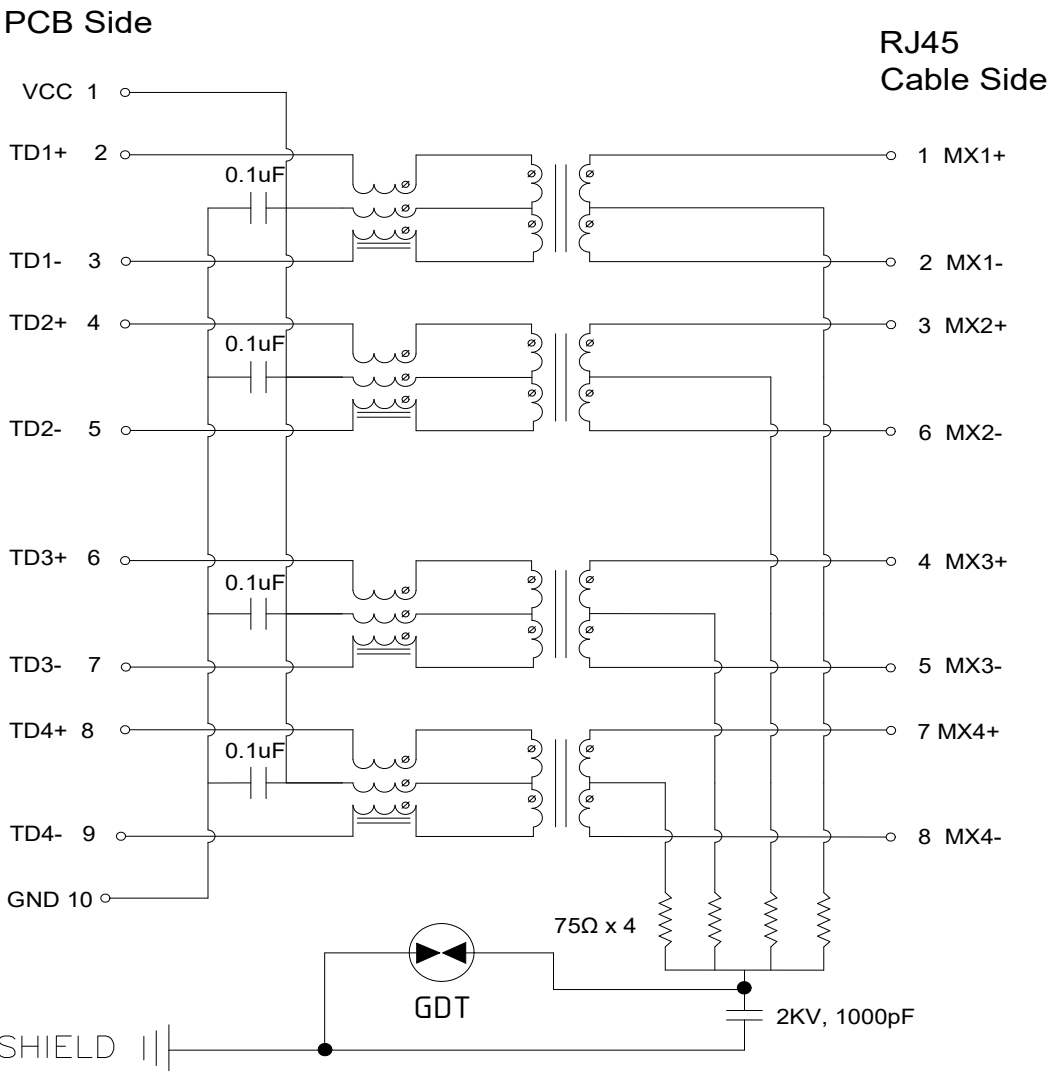
750 Cycles Min.

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

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B.SCHEMATICS



Standard LED Color	LED Wavelength	Foward(A)	Foward(V)
Green	565	20mA	1.8-2.4V
Yellow	590	20mA	1.7-2.5V
Orange	610	20mA	1.7-2.5V

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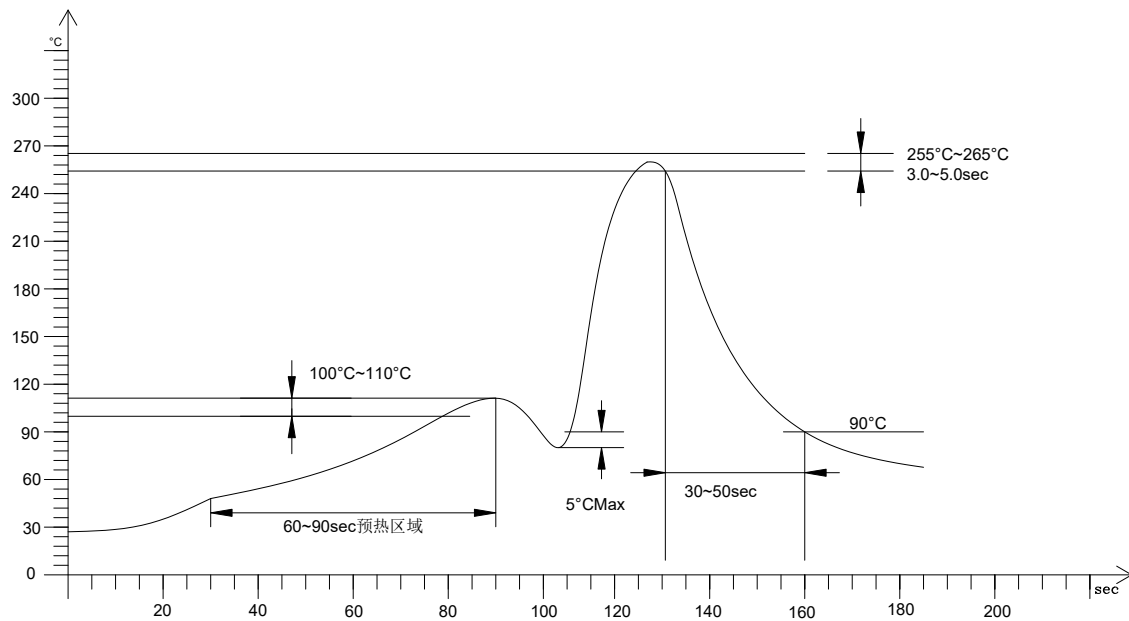
C. ELECTRICAL SPECIFICATIONS @25°C

1. OCL: 180uH Min @ 100KHz, 0.1V .
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

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D. RECOMMEND WAVE SOLDERING CURVE



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