



LED Color	λ P(nm)	VF @IF=20mA	IR @VR=5V
GREEN	565	1.8-2.4 V	10 uA max
YELLOW	585	1.8-2.4 V	10 uA max

- NOTES:
- 1.Designed to support application,such as SOHO(ADSL modems) LAN-on-Motherboard(LOM),hub and Switches.
 - 2.Meets IEEE802.3 specification.
 - 3.Connector Material:
3-1.Housing&Insertion Base:
Thermo plastics PBT+30%GF,UL94V-0.
 - 4.RJ45 Terminal:
4-1.Phosphor Bronze C5191.Thickness=0.30mm.
4-2.Flash Gold plating on RJ45 contact area.
4-3. Tin Plating 80u" on solder tail area
4-4.45u" min Ni underplating over all.
 - 5.Shell: SUS .Pre-soldering on pins.
 - 6.Electrical performance:
6-1.Voltage Current Rating :1.5 AMP. 30V AC
6-2.Insulation Resistance :1000MΩ Min.
6-3.Contact Resistance :40 mΩ Max.
6-4.Dielectric Withstanding Voltage :500V AC
6-5.Durability:750 cycles .
 7. Operating temperature range : -20°C to +85°C.
Storage temperature range : 0°C to +70°C.
- USB:
- 8.Material Specification:
8-1.Cover:PBT+30%G.F, UL94V-0.Color:blue.
8-2.Housing:PBT+30%G.F, UL94V-0.Color:blue.
8-3.Shell&Middle Bullet:SUS201,T=0.25.
8-4.Contacts:Brass(C2680) T=0.20.
 - 9.Plating Specification:
9-1.Contacts: Fu"gold on contact area&80u"matte Tin plated
50u"Nickel underplated overall.
9-2. Shell: 30u"MIN Nickel plating overall.
9-3.Middle Bullet: Clean.
 - 10.Mechanical Performance.
10-1.Insertion Force :3.5Kgf MAX.
10-2.Extraction Force:1.0-3.5Kgf.
10-3.Durability :1500 cycles .
 - 11.Elecirical Performance:
11-1.Insulation Resistance:100M MIN.
11-2.Delectric Withstand Voltage:AC 100V for 1 minute.
 - 12.Wave Solder: The Connector Shall Be mounted on the PCB.

E-CONN PART NO:

FUCW - CB11 - C000

B-SHELL CODE
W/O SPRING
W/O LOGO
HOUSING CODE:
1-RJ45 PBT BLACK
USB PBT BLUE

LED COLOR
12-LEFT LED:YELLOW
RIGHT LED:GREEN

無線路

C-PLATING GOLD G/F

RECOMMENDED P.C.B. PATTERN LAYOUT
TOP VIEW (ALL TOLERANCE ARE:0.05mm)

REV.	ECN. NO.	DRAWN	DATE	EC.content
A.0	NEW	Candy	10/24/2022	-



⊗: QUALITY CONTROL ITEM	GENERAL TOLERANCE	PART NO.: FUCW-CB11-C000
APPROVED	.X± 0.38 X.'± 2'	TITLE: RJ45+双层USB3.0带灯无弹左黄右绿 不锈钢
CHECKED	.XX± 0.25 .X'± 1'	
DRAWN	.XXX± 0.13	

UNIT: mm	SCALE: 1:1	SHEET: 1/1	REV.: A.0

SIZE: A4