



Recommended top mount P.C.B Layout  
Tolerance  $\pm 0.05$

#### NOTES:

- 1.UNLESS OTHERWISE SPECIFIED, ALL TOLERANCES FOLLOW DRAWING COMMON STANDARD.
- 2.Material:  
Contacts: Copper Alloy, Thickness =  $0.15 \pm 0.01$ mm.  
HOUSING: LCP+ 30% G.F, UL94V-0 COLOR: BLACK  
Shell: STEEL ALLOY, THICKNESS =  $0.20 \pm 0.01$ mm  
SHIELD CONTACT: STEEL ALLOY, THICKNESS =  $0.40 \pm 0.01$ mm
- 3.Electrical:  
Current-max[amps]: 5A Max For Vbus/GND PIN;  
0.9A Max For Other PIN.  
Withstanding Voltage: 100V AC R.M.S  
Contact Resistance [ohms]: 40m $\Omega$  Max.For  
Initial 10m $\Omega$ .Change After  
Test.Measure AT 20mV,100mA  
Insulation Resistance [ohms]: 100 m $\Omega$  min.
- 4.MECHANICAL CHARACTERISTICS:  
Mating force: 5~20N  
Unmated Force: 8~20N After test.  
Durability: 10000 cycles min.
- 5.Plating:  
Contacts: SEE TABLE Au plated on contact area,  
Bright Tin plating 50U"Min on solder area  
Nickel Under plating 50u"Min over all  
Shell: plating 20~50U"Nickel over
- 6.Environmental  
Temperature Range: -55°C~+85°C
7. LEAD-FREE AND ROHS COMPLIANT PRODUCT
4. ▼SHOW CRITICAL DIMENSION.

#### U261-12XN-4BS2S

1: Au 1U" MIN  
2: Au 15U" MIN  
3: Au 30U" MIN

1:WITH  
2:WITHOUT  
B:BLACK  
U:BLUE  
W:WHITE  
C:CREAM-COLOR

1:PBT  
2:PA6T  
3:PA9T  
4:LCP

							DSND		DATE		SCALE: N/A	MODEL TYPE: TypeC 2.0		
					ANGLAR	±5°	DWN		DATE		VIEW:	PART NO.:		
Δx					L ≤ 4	±0.2	CHKD		DATE		UNIT: mm/in	DWG NO.:		
Δx					4<L ≤ 16	±0.3	APPD		DATE		SIZE: A4	U261-12XN-4BS2S		
Δx					16<L ≤ 63	±0.4	XKB INDUSTRIAL PRECISION CO.,LIMITED							
MARK	DESCRIPTION			DATE	REVISED	APPROVED							L > 63	±0.5
REVISIONS													UNSPECIFIED TOLERANCES	
www.xk-dg.cn    www.helloxkb.com    www.helloxkb.cn														
												WEIGHT	SHEET	REVISION
												1.0g	1/1	A0

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