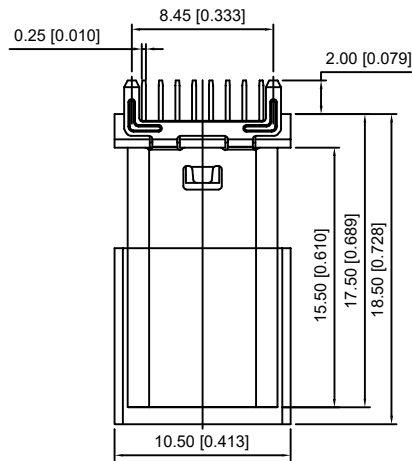
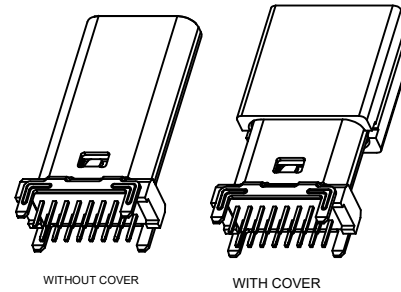


RECOMMEND P.C.B LAYOUT (COMPONENT SIDE)

TOLERANCE FOR PCB LAYOUT IS ± 0.05

KEEP OUT AREA



特性 Peculiarity:

一、电气性能 Electrical performance:

1. 额定电流 Rated current: 5.0A
2. 接触阻抗 Contact resistance: 40 Milliohms Max
3. 耐电压 Withstand voltage: 100V AC/1 mA Max
4. 绝缘阻抗 Insulation resistance: 150V DC/100 Megaohms Min

二、机械性能 Mechanical property:

1. 插入力 Insertion force: 5~20N
2. 拔出力 Pullout force: 8~20N
3. 使用寿命 Service life: 10000次、拔出力5N Min

三、材料 Materials: 见列表

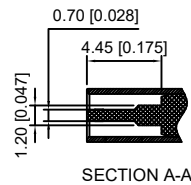
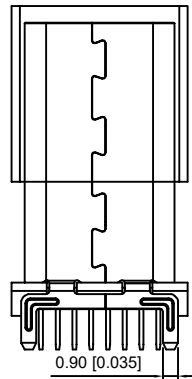
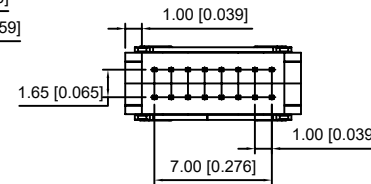
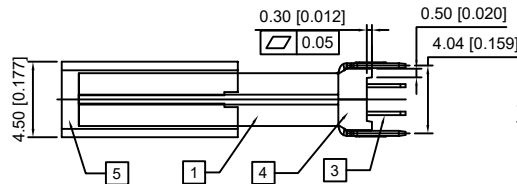
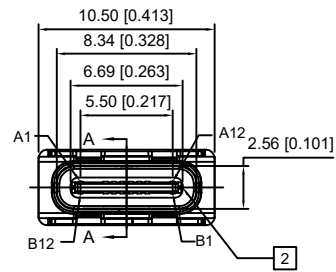
四、电镀 Electroplate:

1. 端子 Terminal: 接触点镀金1u" Min; PIN脚焊接区镀锡80u" Min
2. 外壳 Shell: 镀镍50u" Min(盐雾48H)

五、电镀品需做沾锡测试: 沾锡面积达到95%以上。

六、SMT回流焊(峰值 $260^{\circ}\text{C}\pm 5^{\circ}\text{C}$)不能起泡、熔胶、

变色不良(变形在公差范围以内)。

七、工作温度 Operating temperature: $-55^{\circ}\text{C}\sim +85^{\circ}\text{C}$ 八、盐雾测试 Salt Spray Test: 通过24H在浓度为 $5\pm 1\%$ 盐水的盐雾测试,无生锈现象。

U263-16XN-5XVZ18-2

1: Au 1U"
2: Au 3U"
5: Au 15U"
6: Au 30U"

B: Black O: Orange
G: Green W: White

Item	Title	Material	Dispose	Q'TY
1	Shell	SUS304	Ni:50u" Min.	1PCS
2	Mid Plate	SUS301		1PCS
3	Contact	C7025	Mating Area: See P/N Solder Tails: Tin	16PCS
4	InsertMolding	High temperature thermoplastic	UL 94V-0 Black	1PCS
5	COVER	High temperature thermoplastic	UL 94V-0 Black	1PCS

USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	/	B11	/
A3	/	B10	/
A4	Vbus	B9	Vbus
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	Vbus	B4	Vbus
A10	/	B3	/
A11	/	B2	/
A12	GND	B1	GND

MARK	DESCRIPTION	DATE	REVISED	APPROVED	UNSPECIFIED TOLERANCES
ΔX					ANGULAR $\pm 5^{\circ}$
ΔX					$L \leq 4$ ± 0.2
ΔX					$4 < L \leq 16$ ± 0.3
ΔX					$16 < L \leq 63$ ± 0.4
ΔX					$L > 63$ ± 0.5

XXKB

XKB INDUSTRIAL PRECISION CO.,LIMITED

DSND		SCALE: N/A	MODEL TYPE: TYPE-C 3.1
DWN		VIEW:	PART NO.: U263-16XN-5XVZ18-2
CHKD		UNIT: mm/in	DWG NO.: X-U263-16XN-5XVZ18-2
APPD		SIZE: A4	WEIGHT
			SHEET 1/1
			REVISION A0