

NOTES:

SPECIFICATION:

1. CURRENT RATING: 5A MAX
2. Dielectric Withstanding Voltage: 100 VAC
3. TEMPERATURE RANGE: -40 °C ~ 85 °C
4. CONTACT RESISTANCE: 40 MILLIONHM MAX
5. INSULATION RESISTANCE: 100 MEGOHMS MIN.
6. INSERTION FORCE : 5N~20N
7. UNMATING FORCE: 8N~20N
8. DURABILITY: 10,000 CYCLES

※ SIGN "X" IS IMPORTANCE DIMENSION

USB TYPE-C FULL-FEATURED RECEPTACLE INTERFACE PIN ASSIGNMENTS

PIN	Signal Name	Description	PIN	Signal Name	Description
A1	GND	Ground return	B12	GND	Ground return
A2	SSTXp	Positive half of first SuperSpeed TX differential pair	B11	SSRXp	Positive half of first SuperSpeed RX differential pair
A3	SSTXn1	Negative half of first SuperSpeed TX differential pair	B10	SSRXn	Negative half of first SuperSpeed RX differential pair
A4	Vbus	Bus Power	B9	Vbus	Bus Power
A5	CC1	Configuration Channel	B8	SBU2	Sideband Use (SBU)
A6	Dp1	Positive half of the USB 2.0 differential pair-Position 1	B7	Dn2	Negative half of the USB 2.0 differential pair-Position 2
A7	Dn1	Negative half of the USB 2.0 differential pair-Position 1	B6	Dp2	Positive half of the USB 2.0 differential pair-Position 2
A8	SBU1	Sideband Use (SBU)	B5	CC2	Configuration Channel
A9	Vbus	Bus Power	B4	Vbus	Bus Power
A10	SSRXn2	Negative half of second SuperSpeed RX differential pair	B3	SSTXn2	Negative half of second SuperSpeed TX differential pair
A11	SSRXp2	Positive half of second SuperSpeed RX differential pair	B2	SSTXp2	Positive half of second SuperSpeed TX differential pair
A12	GND	Ground return	B1	GND	Ground return

PART NO.:

Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.	
1U"	30U"
KUSCF072-S008	KUSCF072-S008-30

6	接地片	STAINLESS STEEL	No Plated	1PCS
5	中夾片	STAINLESS STEEL	No Plated	1PCS
4	SHELL	STAINLESS STEEL	NI 50u" Plated	1PCS
3	CONTACT	COPPER ALLOY	Au, Sn SEE TABLE NI50U' Plated	1SET
2	CONTACT	COPPER ALLOY	Au, Sn SEE TABLE NI50U' Plated	1SET
1	HOUSING	PA9T	BLACK	1PCS
NO.	DESCRIPTION	MATERIAL	REMARKS	QTY

KEM 奇速科技有限公司
Qi-Speed Technology CO., LTD.

產品名稱:
PRODUCT NAME
 USB4 Gen3 TYPE C
 24pin 母座 双贴板上外壳无弹

單位 : mm	繪圖	設計	審核	核准	料號:KUSBC072-F001-X
比例 :	DRAWING	DESIGNED	CHECKED BY	APPROVAL BY	PART NUMBER
公差 : .X ±0.38 .XX ±0.25 .XXX ±0.13	JOHNY	JOHNY	LUKE	JAMES	圖號:KUSBC072-F001-1
日期 : 2021/9/3					DRAWING NO
版本	修改事項	修改日期			版本: REV. 0