



CONNECTOR FRONT EDGE  
RECOMMENDED P.C.B. LAYOUT (T:1.00mm)  
TOLERANCE UNSPECIFIED ±0.05mm

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	SSTTx0	Positive half of first differential pair	B11	SSTRx0	Positive half of first differential pair
A3	SSTTx1	Negative half of first SuperSpeed TX differential pair	B10	SSTRx1	Negative half of first SuperSpeed RX differential pair
A4	Vbus	Bus Power	B9	Vbus	Bus Power
A5	CC1	Configuration Channel	B8	SBU1	Sideband Use (SBU)
A6	Bp1	Positive half of the second SuperSpeed TX differential pair-Position 1	B7	Bn2	Negative half of the second SuperSpeed TX differential pair-Position 2
A7	Dn1	Negative half of the USB 2.0 differential pair-Position 1	B6	Bp2	Positive half of the USB 2.0 differential pair-Position 2
A8	SBU2	Sideband Use (SBU)	B5	CC2	Configuration Channel
A9	Vbus	Bus Power	B4	Vbus	Bus Power
A10	SSTTx2	Positive half of second SuperSpeed TX differential pair	B3	SSTTx3	Negative half of second SuperSpeed TX differential pair
A11	SSTRx2	Negative half of second SuperSpeed RX differential pair	B2	SSTRx3	Positive half of second SuperSpeed RX differential pair
A12	GND	Ground return	B1	GND	Ground return

NO.	DESCRIPTION	MATERIAL	REMARKS	QTY
6	接地片	STAINLESS STEEL	No Plated	1PCS
5	中夹片	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	HIGH TEMPERATURE PLASTIC	BLACK	1PCS

### RoHS Compliant

TOLERANCES ARE

X.±  
.X ± 0.30  
.XX ± 0.25  
.XXX ± 0.15  
ANG ± 2°

DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm SCALE 1:1

DATE

SIZE A4 PPROJECTION

照片框

### ORDER INFORMATION

USB-SWMM8982P-24C-LF  
SERIES  
LEADFREE  
24 PIN C TYPE  
POST  
METAL FOOT 8.98+8.26mm  
90°SMT  
FEMALE

DESCRIPTION: TYPE C 24 PIN

Gen3錯位雙貼板上外殼無彈 L=9.87

**MORETHANALL**  
PCB CONNECTORS  
Cable ASSEMBLIES

煜倫股份有限公司

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### NOTES:

#### SPECIFICATION:

- CURRENT RATING: 5A MAX
- Dielectric Withstanding Voltage: 100 VAC
- TEMPERATURE RANGE: -30 °C ~ 85 °C
- CONTACT RESISTANCE: 40 MILLIONHM MAX
- INSULATION RESISTANCE: 100 MEGOHMS MIN.
- INSERTION FORCE : 5N~20N
- UNMATING FORCE: 8N~20N
- DURABILITY: 10,000 CYCLES
- DRAWINGS MARKED "X" FOR FAI DIMENSION.