

1		2		3		4		5		6	
ROHS Compliant REACH											
PIN ASSIGNMENTS											
A5	CC1	B12	GND								
A9	VBUS	B9	VBUS								
A12	GND	B5	CC2								
PIN	SIGNAL NAME	PIN	SIGNAL NAME								

REV	DESCRIPTION	DATE	APPROVED
A	新板发行	2021. 11. 25	HHM

PART SPECIFICATIONS:

1. MATERIAL SPECIFICATION:

1. 1 HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC, UL94 V-0.

1. 2 CONTACTS:COPPER ALLOY

1. 3 SHELL: STAINLESS STEEL

2. PLATING SPECIFICATION:

2. 1 CONTACTS:

Ni 50u" MIN. UNDER PLATED OVER ALL.

Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.

Au PLATED ON SOLDER AREA.

2. 2 FRONT SHELL:

Ni 50u" MIN. UNDER PLATED OVER ALL.

3. MECHANICAL PERFORMANCE,

3. 1 INSERTION FORCE: 0. 5~2. 0kgf.

3. 2 REMOVAL FORCE: 0. 6kgf~2. 0kgf.

3. 3 DURABILITY: 5000 CYCLES.

4. ELECTRICAL PERFORMANCE

4. 1 CURRENT RATING: 3. 0A

VOLTAGE RATING: 5. 0V

4. 2 LLCR:

VBUS & GND PINS AND OTHER PINS: 40mΩ /PIN MAX.

LLCR MAX. CHANGE OF ALL PINS: 10mΩ .

4. 3 INSULATION RESISTANCE: 100MΩ MIN

4. 4 DIELECTRIC WITHSTAND VOLTAGE, AC 100V FOR 1 MINUTE.

5. ENVIRONMENTAL PERFORMANCE:

OPERATING TEMPERATURE: -25° C~+85° C.

6. IR REFLOW:

THE PEAK TEMPERATURE ON THE BOARD SHALL

BE MAINTAINED FOR 10 SECONDS AT 260° C.

CUSTOMER DRAWING			铭创科技（东莞）有限公司		
UNITS mm			Mingchuang Technology (Dongguan) Co., Ltd.		
SCALE 1:1			SHEET 1 OF 2		
PROJECTION: 			DRAW: DAP		
GENERAL TOLERANCE 0. ±0.35 0.0 ±0.25 0.00 ±0.15 0.° ±4° 0.0° ±3°			CHECK: HWT		
			APPD: HHM		
			MAT' L SEE TABLE		
			FINISH SEE TABLE		
			DWG. NO. 0323. TCF. 3DG. H97		
			PART NO. _____		
			SIZE A4		