



Pin	Signal Name	Mating Sequence	Pin	Signal Name	Mating Sequence
A1	GND	First	B12	GND	First
A2	SSTXp1	Second	B11	SSRXp1	Second
A3	SSTXn1	Second	B10	SSRXn1	Second
A4	V _{BUS}	First	B9	V _{BUS}	First
A5	CC1	Second	B8	SBU2	Second
A6	Dp1	Second	B7	Dn2	Second
A7	Dn1	Second	B6	Dp2	Second
A8	SBU1	Second	B5	CC2	Second
A9	V _{BUS}	First	B4	V _{BUS}	First
A10	SSRXn2	Second	B3	SSTXn2	Second
A11	SSRXp2	Second	B2	SSTXp2	Second
A12	GND	First	B1	GND	First
SHELL	GND		SHELL	GND	

NOTE:
 1. MATERIAL:
 1.1 INSULATOR: HIGH TEMPERATURE PLASTIC UL 94 V-0;
 1.2 CONTACT: COPPER ALLOY(T=0.15mm)
 1.3 SHELL: STAINLESS STEEL(T=0.20mm)
 2. ELECTRICAL CHARACTERISTICS:
 2.1 CONTACT RESISTANCE: 40mΩ Max FOR INITIAL. 50mΩ CHANGE AFTER TEST. MEASURE AT 20mV, 100mA.
 2.2 CONTACT CURRENT RATING: 5A FOR V_{BUS} PIN; 1.25A FOR V_{CONN} PIN.
 2.3 DIELECTRIC WITHSTANDING VOLTAGE: 100V AC R.M.S.
 2.4 INSULATION RESISTANCE 100MΩ Min
 2.5 OPERATING TEMPERATURE: -40°C ~ 85°C
 3 MECHANICAL CHARACTERISTICS:
 3.1 MATING FORCE: 5~20 N.
 3.2 UNMATED FORCE: 8~20N AFTER TEST
 3.3 DURABILITY: 10,000 CYCLES
 4. PLATING
 4.1 TERMINAL CONTACT: (SEE TAB) GOLD PLATING ALL OVER 50u" Min NICKEL AND 80u" Min Tin ALL OVER 50u" Min NICKEL ON SOLDER AREA
 4.2 SHELL: 50u" Min. NICKEL ALL OVER,

DIM NO. Ⓢ	TOLERANCES UNLESS		弘轩电子有限公司	
	X. ± 0.50	X° ± 3'		
SCALE: FIT	.X ± 0.30	.X° ± 2'	DESIGN: Andy	DATE: 2014.10.27
SHEET: 1 OF 3	.XX ± 0.20	.XX° ± 1'	CHECKED:	DATE:
UNIT: mm	.XXX ± 0.10	.XXX° ± 0.5'	APPROVED:	DATE:
			PART NO	SIZE: A4
			DWG NO:	REV: A

ECN. NO	REV	DATE	DESCRIPTION	CHANGED	APPROVED	UNIT: mm
	A	14.10.27	NEW RELEASE	Andy	Kim	