



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 <sub>BUS</sub>	First	B9	V <sub>BUS</sub>	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 <sub>BUS</sub>	First	B4	V <sub>BUS</sub>	First
A10	SSRXn2	Second	B3	SSTXn2	Second
A11	SSRXp2	Second	B2	SSTXp2	Second
A12	GND	First	B1	GND	First
SHELL	GND		SHELL	GND	

NOTE:

- MATERIAL:
  - INSULATOR: HIGH TEMPERATURE PLASTIC UL 94 V-0;
  - CONTACT: COPPER ALLOY(T=0.15mm)
  - SHELL:STAINLESS STEEL(T=0.20mm)
- ELECTRICAL CHARACTERISTICS:
  - CONTACT RESISTANCE: 40mΩ Max FOR INITIAL. 10mΩ CHANGE AFTER TEST. MEASURE AT 20mV, 100mA.
  - CONTACT CURRENT RATING: 5A FOR COLLECTIVELY POWER SUPPLY PIN(P1A1,A4,A9,A12,B1,B4,B9,B12); 1.25A FOR V<sub>CONN</sub> PIN; 0.25A FOR OTHER SIGNAL PIN.
  - DIELECTRIC WITHSTANDING VOLTAGE: 100V AC R.M.S.
  - INSULATION RESISTANCE 100MΩ Min
  - OPERATING TEMPERATURE: -40°C ~ 85°C
- MECHANICAL CHARACTERISTICS:
  - MATING FORCE: 5~20 N.
  - UNMATED FORCE: 6~20N AFTER TEST
  - DURABILITY: 10,000 CYCLES
- PLATING
  - TERMINAL CONTACT: (SEE TAB) GOLD PLATING ALL OVER 50u" Min NICKEL AND 80u"Min Tin ALL OVER 50u" Min NICKEL ON SOLDER AREA
  - OUT SHELL: 50u" Min. NICKEL ALL OVER
  - INNER SHELL: DEGREASE
- PART NUMBER:  
 1186-32X41-X3A

- 1: Tray 2: Tape real  
 1: G/F 2: 5u" 3: 10u"  
 4: 15u" 5: 30u"

REV.	DESCRIPTION	ECN NO.	MARK	Nelson	DC	2016.11.08
				CHK.	APVD.	DATE

X. ±0.50	X.* ± 2°	UNITS mm
.X ±0.30	.X* ± 1°	
.XX ±0.10	.XX* ± 0.5°	MAT'L
.XXX ± 0.05		
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		Q'TY

深圳市创粤科技有限公司		
TITLE: TYPE C 24PIN 板上防水母座		
APPD:	陈俊杰	DWG NO: CY-LTFW-24PC-1065
CHKD:	陈志南	
DR:	林德成	SCALE SHEET REV. 1/1 1/1 A1