



1. MATERIAL SPECIFICATION
1. HOUSING: HIGH TEMPERATURE RESISTANT PLASTIC, UL94 V-0.
2. CONTACTS: COPPER ALLOY
3. MID PLATE: STAINLESS STEEL
4. FRONT SHELL: STAINLESS STEEL
5. END PLATE: STAINLESS STEEL
6. TOP SHELL: STAINLESS STEEL
2. PLATING SPECIFICATION:
 - 2-1. CONTACTS:
 - Ni 50u" MIN. UNDER PLATED OVER ALL.
 - Au 3u" PLATED ON THE FUNCTIONAL AREA OF CONTACT.
 - Au G/F PLATED ON SOLDER AREA.

2-2. FRONT SHELL&TOP SHELL:
Ni 30u" MIN. UNDER PLATED OVER ALL.
2-3. SHIELD PLATE&EMI PLATE: CLEAR ONLY

3. MECHANICAL PERFORMANCE,
3-1. INSERTION FORCE: 0.5~2.0kgf.
3-2. REMOVAL FORCE: 0.8kgf~2.0kgf
3-3. DURABILITY: 10000 CYCLES.

4. ELECTRICAL PERFORMANCE,
4-1. CURRENT RATING: 5.0A
VOLTAGE RATING: 5.0V

4. VIBES & GND PINS AND OTHER PINS: 40mΩ /PIN MAX. SHIELD: 50mΩ /MAX. LLOR 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
 - THE PEAK TEMPERATURE ON THE BOARD SHALL

PIN NUMBER	A1	A4	A5	A6	A7	A8	A9	A12
SIGNAL NAME	GND	Vbus	CC1	Dp1	Dn1	SBU1	Vbus	GND
PIN NUMBER	B12	B9	B8	B7	B6	B5	B4	B1
SIGNAL NAME	GND	Vbus	SBU2	Dn2	Dp2	CC2	Vbus	GND

产 品 图		深 圳 市 鑫 风 雷 电 子 有 限 公 司			
PRODUCT CHART DWG		Shenzhen xinfenglei Electronic Co., Ltd			
公差一览表 TOLERANCE UNLESS OTHERWISE		单位 UNITS	制图 DRAWING	产品料号 PRODUCT PART NO.	19012-U/CAR014-B
X	±0.30	MM	王 冠	产品名称 PRODUCT NAME	TYPE C 16P 母座加宽2.5 CH=1.05 L=8.0 直边
.X	±0.25	IN	雷永健	审核 CHECK	
.XX	±0.15	.XX	雷永健	核准 APPROVE	
.XXX	±0.10	.XXX	雷永健	角法 VIEW	
		日期 DATE	2009/10/20	版本 VER	A0

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