



**RECOMMENDED PCB LAYOUT**  
 GENERAL TOLERANCE ±0.05  
 AS VIEWED FROM COMPONENT SIDE

Solder Area  
 Component Outline

**Specification 规格:**

**Material 物料规格:**  
 Plastic Housing 塑胶外壳: Thermoplastic, UL94V-0, black 黑色  
 Contact Terminal 接触端子: Phosphor Bronze 磷青铜  
 Metallic Shell 金属外壳: Stainless Steel SUS304.

**Plating 电镀规格:**

Contact Terminal 接触端子:  
 Contact Area 接触区域: Gold 镀金 3μ", Solder area 焊接部分: Gold 镀金 3μ"  
 Underplating 底层电镀: Ni 50μ" overall 镍底  
 Metallic Shell 金属外壳:  
 Solder area 焊接区域镀金 Gold 镀金 1μ"  
 Underplating 底层电镀: Ni 50μ" overall 镍底

**Mechanical 机械规格:**

Duration 耐久性: 5000 cycles 次插拔

**Electrical 电气规格:**

Voltage Rating 电压额定值: 50V  
 Current Rating 电流额定值: 1A Max. 最大  
 Operating Temperature 工作温度: -40°C to +85°C  
 Dielectric Withstanding Voltage 耐电压: 500V AC (60Sec Min. 60秒最小)  
 Insulation Resistance 绝缘电阻: 1000MΩ Min. 最小. (Apply 施加 500VDC)  
 Contact Resistance 接触电阻: 100mΩ Max. 最大

Ordering Grid  
**SIM7050** - **X** - **0** - **00** - **A** **REQUEST SAMPLES AND QUOTATION**

No. of Contacts  
 6 = 6 Pin  
 (remove C4 and C8 on PCB layout)  
 8 = 8 Pin

Packing Options  
 A = Tape & Reel  
 (900 per Reel)

By	ASE
DETAIL	DRAWING RELEASE
REV DATE	A 24/08/12



Tolerances (Except as noted)	Part Number:-	Date:-
Dimensions in mm	SIM7050	24 AUG 12
X.X ± 0.35	Description:-	
X.XX ± 0.25	MICRO SIM CARD CONNECTOR, RETAINER TYPE, 6 & 8 PIN, SMT, PROFILE 2.45MM	
X.XXX ± 0.15		
X.XX" ± 3.0"		
X.XXX" ± 2.0"		
Third Angle Projection	© THIS DRAWING IS CONFIDENTIAL AND MUST NOT BE COPIED OR DISCLOSED WITHOUT WRITTEN CONSENT	

**GCT**

www.globalconnectortechology.com

Scale	Revision	Material	Drawn by	Sheet No.
NTS	A	See Note	ASE	E & OE
				1/1