



### Technical Data

**Material:**  
 Pin(outer sleeve): Brass,machined CuZn38Pb2  
 Clip(contact 6 finger): Phosphor Bronze  
 Plating(outer sleeve):  
 Tin plated:2μm/80μ"Ni, 5μm/200μ"Sn  
 Gold Plated:2μm/80μ"nickelfull gold  
 Plating(contact): 2μm/80μ"nickel, gold or Tin plated  
 Insulator black(housing): PPS (UL94V-0)

**Electrical:**  
 Current rating: 3Amps/contact max.  
 Contact resistance: ≤4mΩ/contact  
 Insulation resistance: ≥1000MΩ at V=100V  
 Operating voltage: 60VAC/DC

**Mechanical:**  
 Average insertion force with steel pin of  
 φ0.66mm/.026": <140g  
 Average withdrawal force with steel pin of  
 φ0.66mm/.026": >25g min.  
 Mechanical life cycle:min.200  
 Operating temperatures: Gold Plated:-55°C to+125°C  
 Tin plated:-55°C to+125°C  
 Soldering temperature: +260°C,10s max

**P.C.B LAYOUT**

<b>RoHS Compliant</b>		<b>HSM 玄茂科技股份有限公司</b>	
		<b>HSUAN MAO TECHNOLOGY CO., LTD.</b>	
APPD. 核准	BETTY	 TOLERANCE ANGLE 45° X.XXX ±0.10 X.XXX ±0.15 X.X ±0.20 X ±0.30	PART NAME 品名 2.54mm SIP SOCKET MACHINED PIN 6 FINGERED CLIP DUAL ROWS 2X10P H=7.0mm PIN:TIN CLIP:GOLD PLATING DIP LENGTH 10.0mm BLACK COLOR ROHS
DWG. 製圖	Helen		
DATE 制表日	2016/9/9	PAGE 張數	1 / 1
		SIZE. 紙張尺寸	A 4
		REV. 版次	C
		PART NO. 料號	C0109-XXDBGB00R