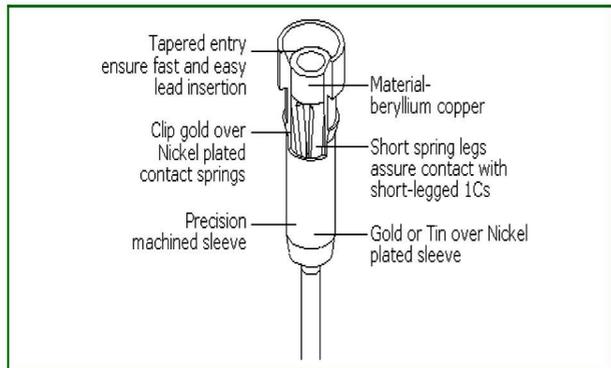
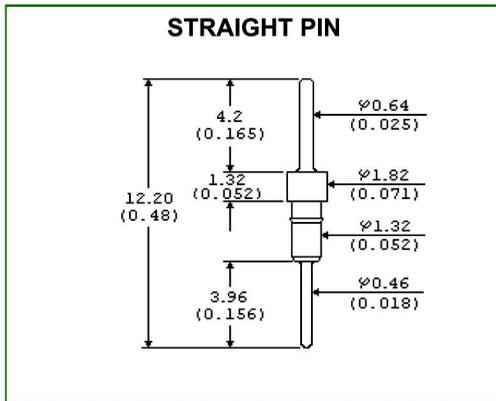


**CONSTRUCTION OF PIN**



**STRAIGHT PIN**



**FEATURES**

- Funnel shaped four-fingered and six-fingered contacts provide easy IC insertion and withdrawal, high reliability
- Gold plated contact to ensure low contact resistance and Tin plated terminal to prevent contamination during soldering
- All plastic are UL 94V-0 grade fire retardant
- Fit standard pitch with 2.54mm x 2.54mm (0.1" x 0.1") pin spacing

**SPECIFICATIONS**

**1.MATERIAL**

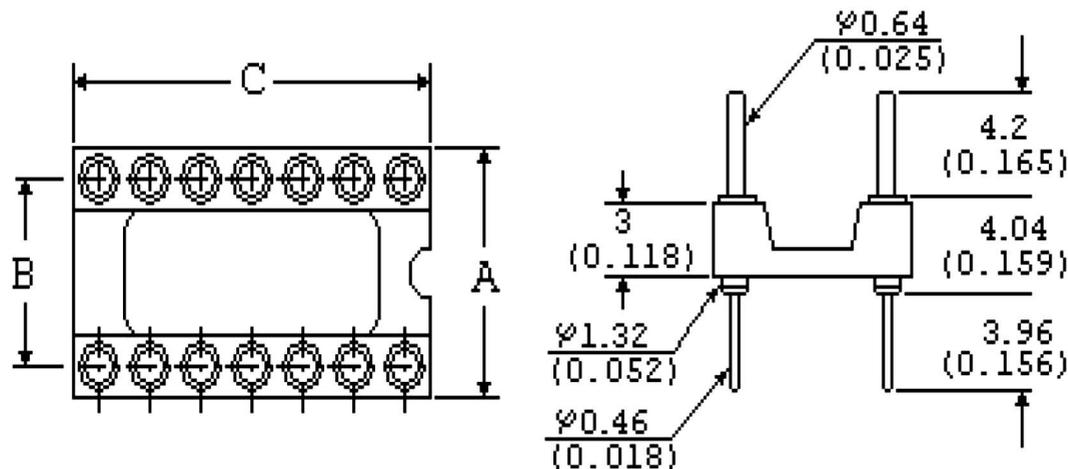
- Sleeve: Brass Gold or Tin over Nickel plated
- Clip: Beryllium Copper Gold over Nickel plated

**2.ELECTRICAL**

- Contact Rating: 1 ADC Max.
- Contact Resistance: 10m $\Omega$  Max.
- Insulation Resistance: 10<sup>6</sup>M $\Omega$  Min. at 100 VDC
- Dielectric Strength: 1000 VAC Min. for 1 minute
- Capacitance between adjacent pin 0.9pF Max.

**3.MECHANICAL AND ENVIRONMENTAL**

- Temperature Rating: Operating -55 $^{\circ}$ C to +125 $^{\circ}$ C
- Average insertion force with steel pin of  $\varnothing 0.43$ mm/0.017" <250g
- Average withdrawal force with steel pin of  $\varnothing 0.43$ mm/0.017" >25g
- Life cycle with insertion and withdrawal: 100 operating cycles Min.
- Humidity: 90~95% RH, 40 $^{\circ}$ C for 96 Hrs.
- Vibration: per MIL-STD-202F METHOD 204D
- Solderability: per MIL-STD-202F METHOD 208D
- Soldering Heat: 260 $\pm$ 5 $^{\circ}$ C for 5 $\pm$ 1 seconds



RoHS Compliant		HSM 玄茂科技股份有限公司 HSUAN MAO TECHNOLOGY CO., LTD.	
APPD. 核准	SCALE 比例 参考	TOLERANCE 容許公差 .0 $\pm$ 0.30 .00 $\pm$ 0.20 ANG. $\pm$ 3 $^{\circ}$	PART NAME 品名 2.54mm IC SOCKET MACHINED PIN STRAIGHT PIN ROW PITCH: 0.3" XXPIN GOLD PLATING ROHS
DWG. 製圖 Betty	UNIT 單位 M M	SIZE 紙張尺寸 A 4	PART NO. 料號 C0111-XXSNGB00R
DATE 制表日 2018/11/05	PAGE 張數 1 OF 1	REV. 版次 A	