



NOTES:

1.0 PLATING:

- 1)Contact plating:brass Au1u"over 50-80u" Ni
- 2)Contact solder area plating: brassAu1u" over 50-80u" Ni
- 3)Spring: SUS

2.0 Rated voltage(Per Contact): 12 Volts

3.0 Rated Current(Per Contact): 1.2A maximum

4.0 Insulation Resistance: 100MEGAOHMS Minimum

5.0 Dielectric Withstanding Voltage: 100VRMS AT 60HZ

6.0 Contact Resistance: 30mΩ maximum before test and 60mΩ maximum after test at pogo pin working stroke

7.0 Recommended Working Stroke&Force:

- 1)Stroke 0.4mm(Per Contact):40gfMin
- 2)Stroke 0.95mm(Per Contact):150gfMax

8.0 Mechanical life:

- 1)0.8mm(Mechanical life):30,000 Cycles Min

9.0 Working Temperature Range: -30~85°



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Tyco Hanconn Precision Electronics

Product Name	2.0*4.5thimble	Product specification	2.0*4.5	Version	A0
Product number	HY90-00006-012	Use the material		Scale	1:1
Drawing number	HY9020140606001	Surface treatment		Units	mm
		Dimension tolerance not marked:	± 0.15	Drawing/Date	陈海滨 2014-06-06
		Angle tolerance not marked:	$\pm 1^\circ$	Review/Date	