

Socket Receptacle/Adapter(母座)

Feature(特色):

- ✧ **Easy for socket replacement.**(方便更換 Socket)
- ✧ **Optimum DUT/Burn-In board life time.**(延長測試板壽命)
- ✧ **High reliability, ultra low contact resistance.**(高可靠度,超低接觸阻抗)
- ✧ **Customer design available.**(客製化)

Specification(規格):

✧ Materials(材質)

- Insulator(絕緣體): Ultem (PEI) / PES / FR4
- Contact(內爪): Beryllium Copper (BeCu) 鈹銅
- Contact finish(內爪電鍍): Gold plating (30 μ ") over Nickel plating (50 μ ")
- Shell(外殼): Brass alloy 磷青銅
- Shell finish(外殼電鍍): Gold plating (10 μ ") over Nickel plating (100 μ ")
- Operating Temp.(工作溫度): -40°C~150°C

✧ Electrical(電氣特性)

- Insulation Resistance(阻抗): >10¹⁰ Ω / Min
- Rated Voltage(耐電壓): 150VDC / 100V RMS
- Rated Current(耐電流): 1A
- Dielectric Strength(介電): >1000V RMS
- Contact Resistance(接觸阻抗): <30 m Ω

✧ Soldering Process(焊接方式)

- Wave Solder (波焊): 250°C Soldering Temp
- Hand Solder (手焊): 370°C for 5 seconds

✧ Pin Dimensions(圓孔針尺寸)

unit : mm(inch)

Item	A	B	C	D	Total Length
1	1.05 (0.041)	3.42 (0.135)	2.48 (0.098)	0.31 (0.012)	5.90 (0.233)
2	1.05 (0.041)	3.42 (0.135)	4.83 (0.190)	0.31 (0.012)	8.25 (0.325)
3	1.80 (0.071)	4.45 (0.175)	3.00 (0.118)	0.50 (0.020)	7.45 (0.293)
4	1.80 (0.071)	4.45 (0.175)	7.00 (0.275)	0.50 (0.020)	11.45 (0.450)
5	1.02 (0.040)	4.45 (0.175)	4.57 (0.180)	0.46 (0.018)	9.02 (0.355)
6	1.02 (0.040)	4.45 (0.175)	6.99 (0.275)	0.46 (0.018)	11.44 (0.450)
7	1.02 (0.040)	4.45 (0.175)	10.16 (0.400)	0.46 (0.018)	14.61 (0.575)
8	0.66 (0.026)	4.45 (0.175)	3.00 (0.118)	0.25 (0.010)	7.45 (0.293)

