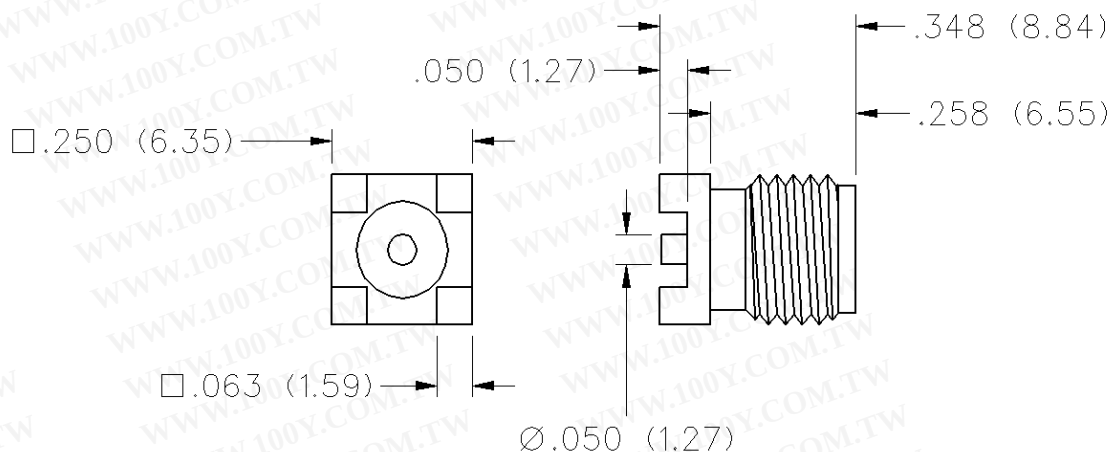


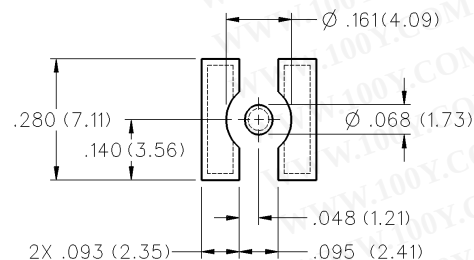
# SMA 50 Ohm Straight Jack Receptacle - Surface Mount



| VSWR & FREQ. RANGE    | GOLD PLATED  | NICKEL PLATED         | PACKAGING                        |
|-----------------------|--------------|-----------------------|----------------------------------|
| VSWR: N/A<br>0-18 GHz | 142-0711-201 | 142-0711-205 $\Delta$ | STOCK                            |
|                       | 142-0711-202 | 142-0711-206 $\Delta$ | TAPE & REEL<br>425 pcs. per reel |

$\Delta$  Connector Mounting Pads 60%/40% Tin/Lead Coated  
(Solder Plated)

Recommended Land Pattern



勝特力材料 886-3-5753170  
勝特力电子(上海) 86-21-34970699  
勝特力电子(深圳) 86-755-83298787  
[Http://www.100y.com.tw](http://www.100y.com.tw)



INCHES (MILLIMETERS)  
CUSTOMER DRAWINGS AVAILABLE UPON REQUEST

Johnson Components™ • P.O. Box 1732 • Waseca, MN 56093-0832 • 1-800-247-8256 • Fax: 507-833-6287 • [www.johnsoncomponents.com](http://www.johnsoncomponents.com)

# SMA - 50 Ohm Connectors

## Specifications

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CUSTOMER DRAWINGS AVAILABLE UPON REQUEST

## MATERIAL SPECIFICATIONS

**Bodies:** Brass per QQ-B-626, gold plated\* per MIL-G-45204 .00001" min. or nickel plated per QQ-N-290

**Contacts:** Male - brass per QQ-B-626, gold plated per MIL-G-45204 .00003" min.

Female - beryllium copper per QQ-C-530, gold plated per MIL-G-45204 .00003" min.

**Nut Retention Spring:** Beryllium copper per QQ-C-533. Unplated

**Insulators:** PTFE fluorocarbon per ASTM D 1710 and ASTM D 1457 or Tefzel per ASTM D 3159 or PFA 340 per ASTM

**Expansion Caps:** Brass per QQ-B-613, gold plated per MIL-G-45204 .00001" min. or nickel plated per QQ-N-290

**Crimp Sleeves:** Copper per WW-T-799 or brass per QQ-B-613, gold plated per MIL-G-45204 .00001" min. or nickel plated per QQ-N-290

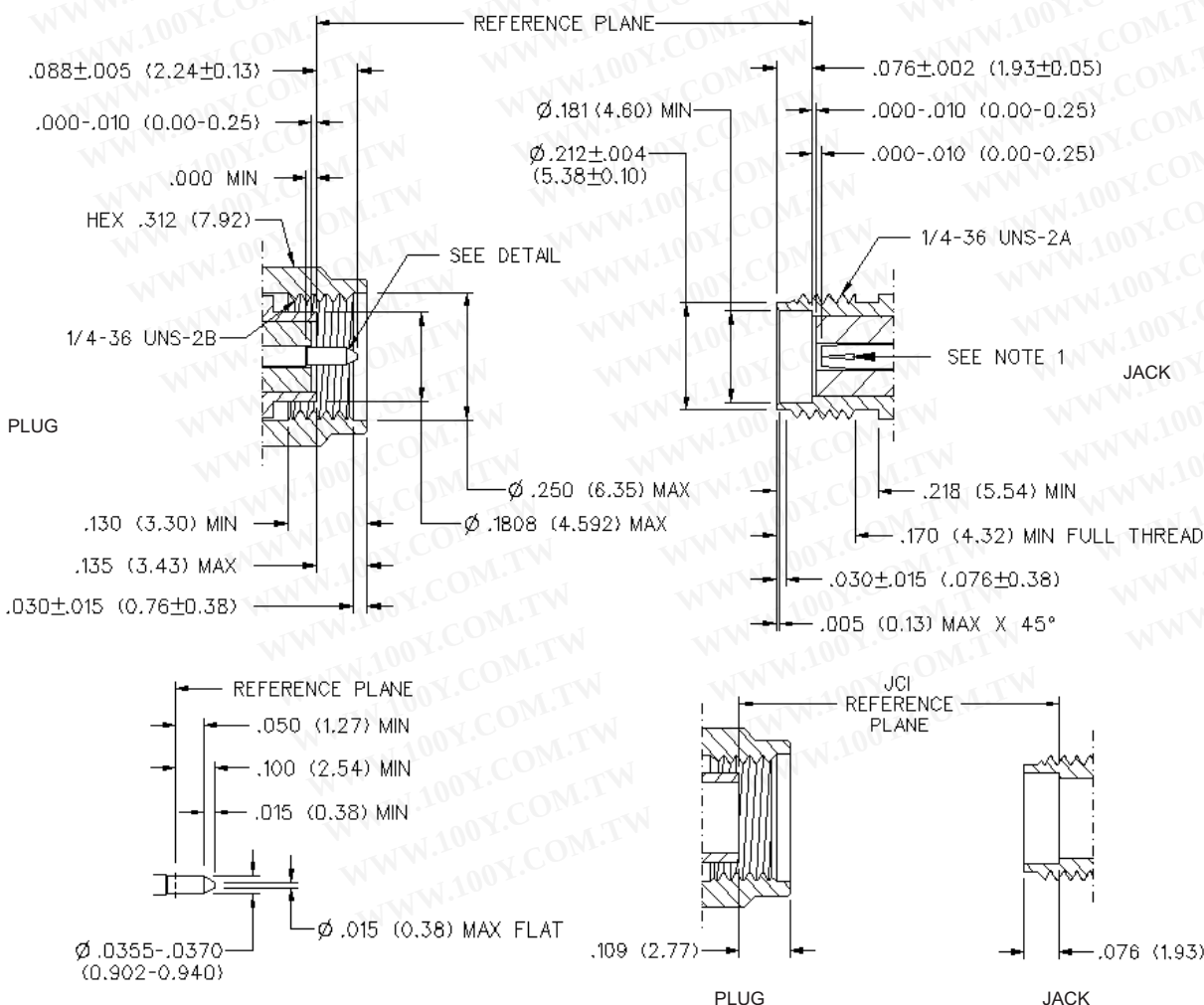
**Mounting Hardware:** Brass per QQ-B-626 or QQ-B-613, gold plated per MIL-G-45204 .00001" min. or nickel plated per QQ-N-290

**Seal Rings:** Silicone rubber per ZZ-R-765

**EMI Gaskets:** Conductive silicone rubber per MIL-G-83528, Type M

\* All gold plated parts include a .00005" min. nickel underplate barrier layer.

## Mating Engagement for SMA Series per MIL-C-39012



## NOTES

1. ID OF CONTACT TO MEET VSWR, CONTACT RESISTANCE AND INSERTION WITHDRAWAL FORCES WHEN MATED WITH DIA .0355-.0370 MALE PIN.