

# TECHNICAL DATA

## Electrical

Impedance	50 Ω
Frequency range	0~3 GHz
Withstanding voltage	1000 V
Insulation resistance	≥5000MΩ

## Mechanical & Environmental

Durability (matings)	>500
Temperature range	-55 °C ~ +165 °C
RoHS Compliant	Yes

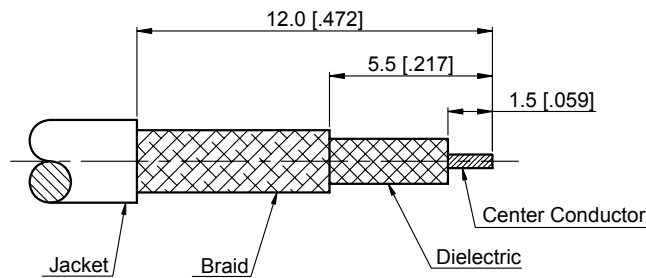
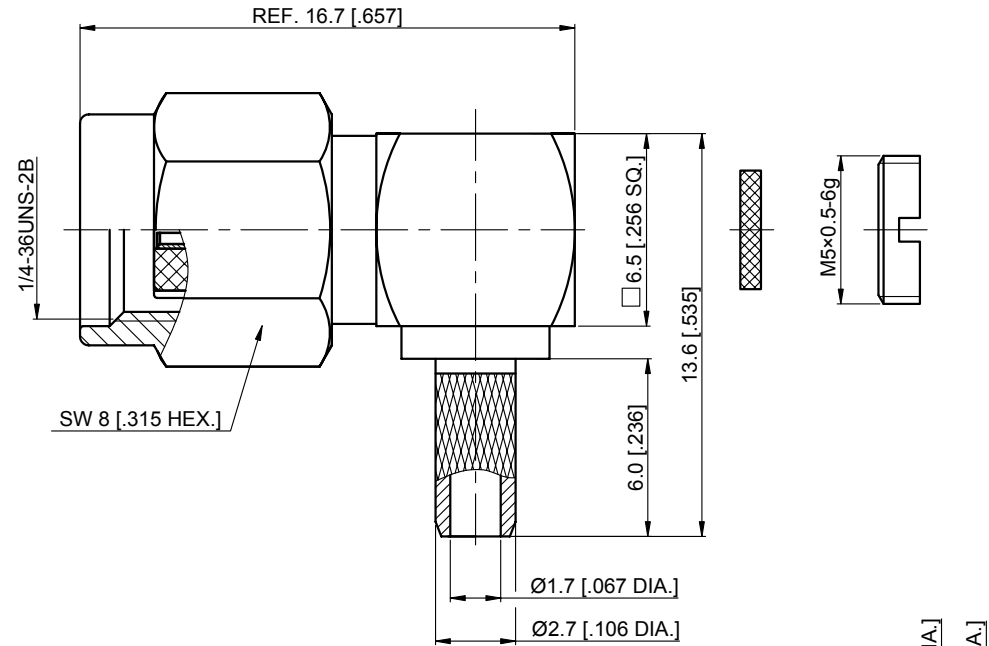
## Material & Finish

Body	Brass, See Table
Pin Contact	Beryllium Copper Alloy, Gold-plated
Coupling Nut	Brass, See Table
Crimp Ferrule	Copper, Nickel-plated
Insulator	PTFE
Gasket	Silicone rubber

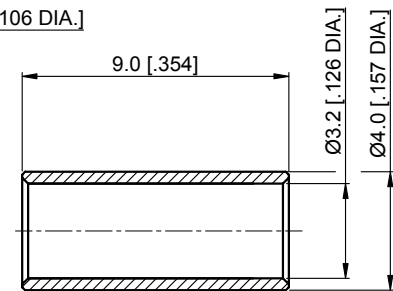
## Interface Standards

SMA	IEC-60169
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REVISIONS				
REV	DESCRIPTION OF REVISION	ECN No.	DATE	APPROVED
A	INITIAL RELEASE	—	09/18/2010	M. Dong



RECOMMENDED CABLE STRIPPING DIMENSIONS



1. CRIMP FERRULE  
HEX. CRIMP TOOL SIZE: 3.25 [.128]

Part Number	Part / Finish
61-13-1M00-007-1	Bodies / Gold
	Coupling Nut / Gold
61-13-1M00-007-2	Bodies / Nickel
	Coupling Nut / Nickel

### NOTES:

- ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
- UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS [INCHES].  
UNLESS OTHERWISE SPECIFIED DIMENSIONAL TOLERANCES ARE:

XX	±0.13 [.005"]
X	±0.20 [.008"]
X	±0.50 [.019"]

ANGULAR TOLERANCES ARE: ALL ±1°

DO NOT SCALE DRAWING

PROJECTION:

DRAWN:	L. Ma	09/18/2010
CHECKED:	J. Zhu	09/18/2010
APPROVED:	M. Dong	09/18/2010

TITLE:

RP SMA Right Angle Male  
Crimp for LMR100/RG174/  
RG316 Cable

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PART No.:

61-13-1M00-007

SIZE: A4	SCALE: 4:1	SHEET: 1/1	REV: A
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