

TECHNICAL DATA

Electrical

Impedance	50 Ω
Frequency range	0~6 GHz
Withstanding voltage	500 V
Insulation resistance	$\geq 5000M\Omega$

Mechanical & Environmental

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

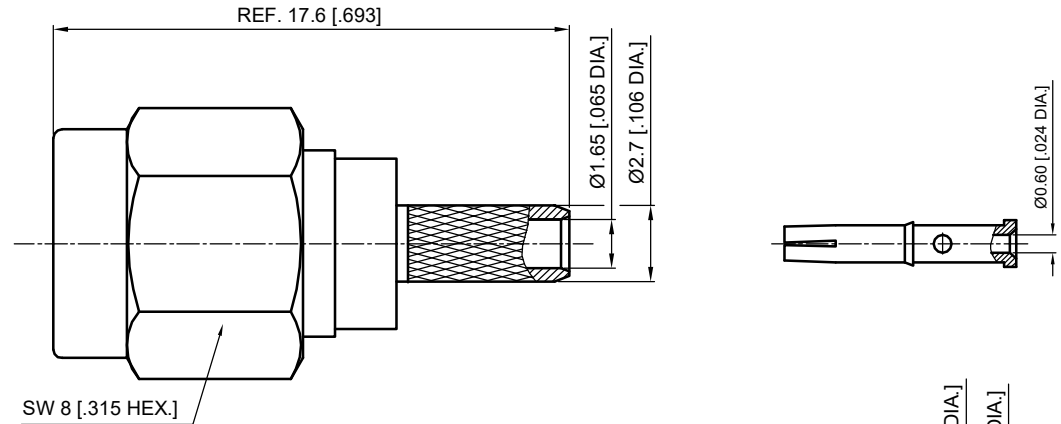
Material & Finish

Body	Brass, plated see table
Pin Contact	Phosphor Bronze, Gold-plated
Coupling Nut	Brass, plated see table
Crimp Ferrule	Copper, Nickel-plated
Insulator	PTFE
Gasket	Silicone Rubber

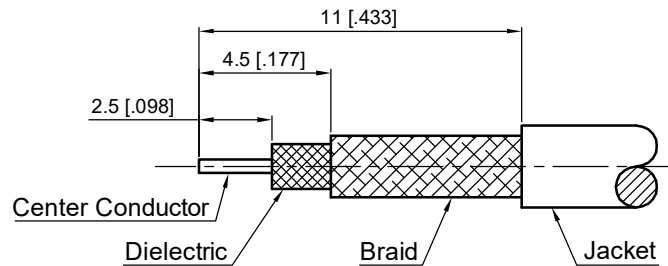
Interface Standards

SMA	IEC-60169
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REVISIONS				
REV	DESCRIPTION OF REVISION	ECN No.	DATE	APPROVED
A	INITIAL RELEASE	—	08/12/2007	M. Dong
B	STRUCTURE CHANGED	—	01/11/2010	M. Dong
C	STRUCTURE CHANGED	—	12/20/2011	M. Dong
D	STRUCTURE CHANGED	—	11/06/2016	M. Dong
E	DIMENSIONS CHANGED	—	08/24/2018	M. Dong



Part Number	Part / Finish
61-03-1M00-003-1	Body / Gold
	Coupling Nut / Gold
61-03-1M00-003-2	Body / Nickel
	Coupling Nut / Nickel



Recommended Cable Stripping Dimensions

NOTES:

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

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

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 = $\pm 1^\circ$

DO NOT SCALE DRAWING

PROJECTION:



DRAWN:	L. Ma	08/24/2018
CHECKED:	J. Zhu	08/24/2018
APPROVED:	M. Dong	08/24/2018

TITLE:

RP SMA Straight Male Crimp for
LMR100/RG174/RG316 Cable

CMPPTER[®]
Cmppter Electronics Co., Ltd. www.cmppter.com

PART No.:

61-03-1M00-003

SIZE:
A4

SCALE:
4:1

SHEET:
1/1

REV:
E