

REVISIONS				
REV	DESCRIPTION OF REVISION	ECN No.	DATE	APPROVED
A	INITIAL RELEASE		21/07/12	M. Dong

TECHNICAL DATA

Electrical

Impedance	50 Ω
Frequency range	0~67 GHz
VSWR	1.25:1
Contact resistance	
-centre contact	≤3mΩ
-outer contact	≤2.5mΩ
Insulation resistance	≥3000MΩ

Mechanical & Environmental

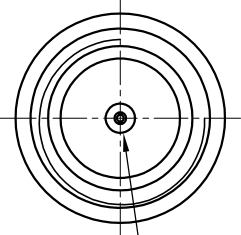
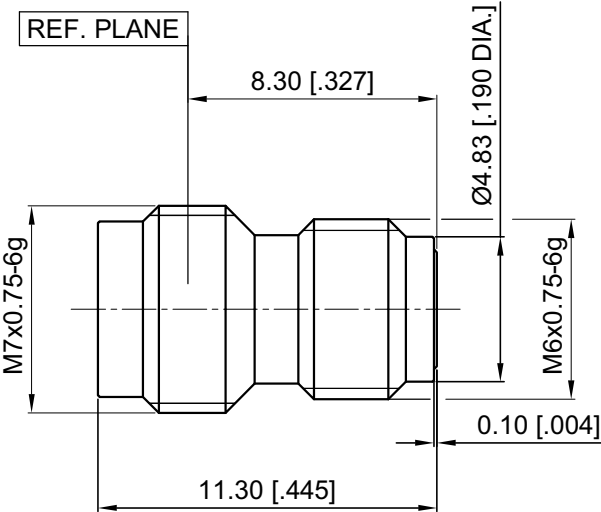
Durability (matings)	>500
Temperature range	-55 °C ~ +165 °C
RoHS Compliant	Yes

Material & Finish

Body	Stainless Steel (SU303), Passivated
Pin Contact	Beryllium Copper Alloy, Gold-plated
Insulator	PEI

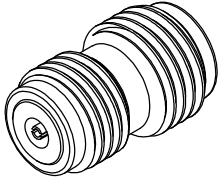
Interface Standards

1.85mm	IEC-61169
--------	-----------



SOCKET TO ACCEPT ØD PIN
2 [.079] MAX DEPTH

Part Number	ØD PIN
C10216005A	0.23 [.009]
C10216005B	0.30 [.012]



NOTES:

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

DRAWN:	W. Shen	21/07/12	TITLE: 1.85mm Straight Female Sparkplug, Accepts Pin		 www.connov.com			
CHECKED:	K. Liu	21/07/12						
APPROVED:	M. Dong	21/07/12						
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°			PART No.: C10216005					
DO NOT SCALE DRAWING		PROJECTION:		SIZE: A4	SCALE: 4:1	SHEET: 1/1	REV: A	