

# TECHNICAL DATA

## Electrical

Impedance	50 Ω
Frequency range	0~40 GHz
VSWR	1.15:1
Contact resistance	
-centre contact	≤3mΩ
-outer contact	≤2mΩ
Insulation resistance	≥3000MΩ

## Mechanical & Environmental

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

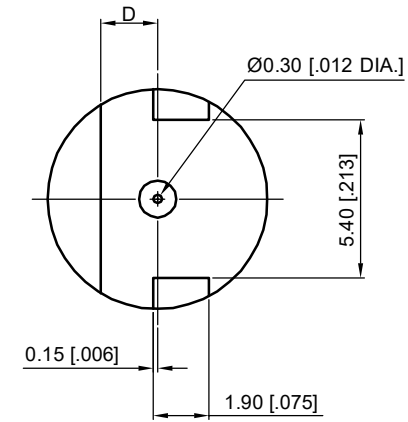
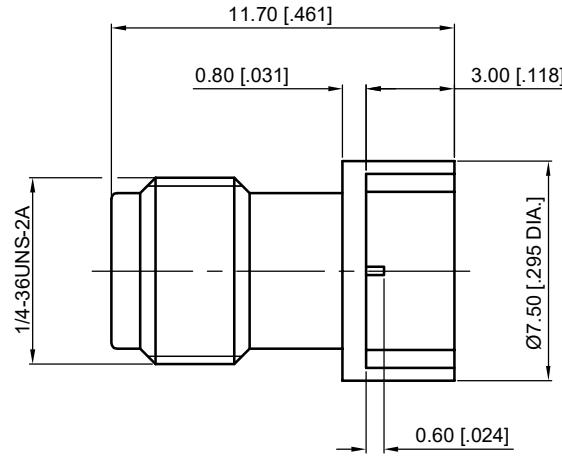
## Material & Finish

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

## Interface Standards

2.92mm	MIL-STD-348A
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REVISIONS				
REV	DESCRIPTION OF REVISION	ECN No.	DATE	APPROVED
A	INITIAL RELEASE	---	08/21/2010	M. Dong
B	Dimension "D" CHANGED	---	03/08/2015	M. Dong



Part Number	D	Board Thickness
96-02-5M2-037 A	1.93 [0.076]	1.78 [0.070]
96-02-5M2-037 B	0.76 [0.030]	0.61 [0.024]
96-02-5M2-037 C	1.02 [0.040]	0.87 [0.034]

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS (INCHES). UNLESS OTHERWISE SPECIFIED DIMENSIONAL TOLERANCES ARE: .XX ±0.13 [0.005] .X ±0.20 [0.008] X ±0.50 [0.019] ANGULAR TOLERANCES ARE: ALL= ±1° DO NOT SCALE DRAWING PROJECTION:	
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DRAWN:	L. Ma	03/08/2015
CHECKED:	J. Zhu	03/08/2015
APPROVED:	M. Dong	03/08/2015

TITLE:  
**2.92mm Straight Female,  
 PCB Mount**

**CMPPTER**<sup>®</sup>  
 Cmppter Electronics Co., Ltd. [www.cmppter.com](http://www.cmppter.com)

PART No.:  
**96-02-5M2-037**

SIZE: A4	SCALE: 4:1	SHEET: 1/1	REV: B
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- NOTES:
- ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
  - UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.