

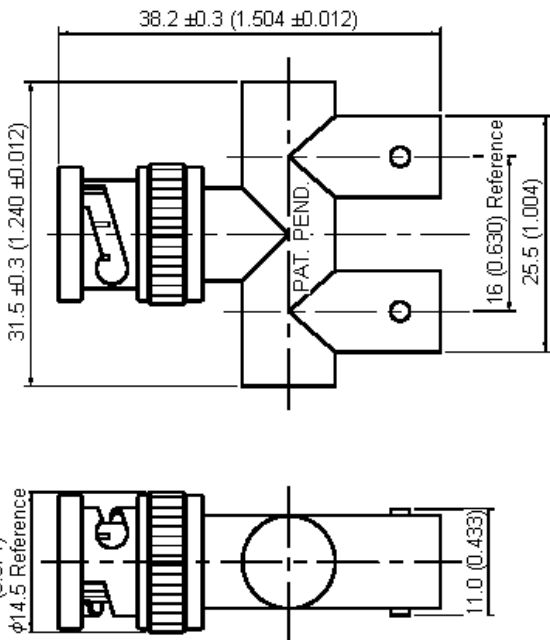


PART NO.

13-39-5

REVISIONS

ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
-	A	RELEASED	Poori	31/8/07	Suresh	31/8/07	G. C	17/9/07



Dimensions : Millimetres (Inches)

**Specifications:**

**Mechanical Characteristics:**

Mating/Unmating : 500 Cycles.

**Electrical Characteristics:**

Normal Impedance : 50 Ohms.  
 Frequency Range : 0 - 1GHz.  
 Operating Voltage : 500 Volts rms.  
 Maximum Contact Resistance : 3.0 Milliohms (gold).  
 Dielectric Withstanding Voltage : 1500 Volts rms.  
 Minimum Insulation Resistance : 5000 Megaohms.

**Environmental Characteristics:**

Temperature Range : -50°C to +85°C.  
 Thermal Shock MIL-STD-1344, Method 1033, Condition A.  
 Salt Spray MIL-STD-1344, Method 1001, Condition B.  
 Physical Shock MIL-STD-1344, Method 2004, Condition G.  
 Humidity MIL-STD-1344, Method 1002, Procedure B (Type 2).

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<b>DRAWN BY:</b>	<b>DATE:</b>
Poornima	31/08/07
<b>CHECKED BY:</b>	<b>DATE:</b>
Suresh	31/08/07
<b>APPROVED BY:</b>	<b>DATE:</b>
G.Cook	17/09/07

**DRAWING TITLE:**

13-39-5

<b>SIZE</b>	<b>DWG NO.</b>	<b>ELECTRONIC FILE</b>	<b>REV</b>
A	M10000420	1169542_DWG	A
<b>SCALE: NTS</b>		<b>U.O.M.: mm (Inches)</b>	<b>SHEET: 1 OF 2</b>



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13-39-5

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Specification Table

Number	Description	Material and Treatment	Part Number
1	Body	100µ" Minimum Nickel Plating over Zinc Alloy	13-39-5
2	Coupling Nut		
3	Outer Contact	Nickel Plating over Copper Strip	
4	Male Contact	Gold Plating over Brass	
5	Female Contact	Gold Plating over High Strength Copper	
6	Retention Washer	Nickel Plating over Copper Strip	
7	Insulators	POM	
8	Spring Washer	Beryllium Copper	
9	Gasket	Silicone Rubber	
10	Spacer	Teflon	

<http://www.farnell.com>  
<http://www.newark.com>  
<http://www.cpc.co.uk>

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A	M10000420	1169542_DWG	A
<b>SCALE: NTS</b>		<b>U.O.M.: mm (Inches)</b>	<b>SHEET: 2 OF 2</b>