



PART NO.

VBA112

REVISIONS

ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
-	A	RELEASED	CHE	28/5/12	SID	28/5/12		11/6/12

Specifications:

Mechanical Characteristics

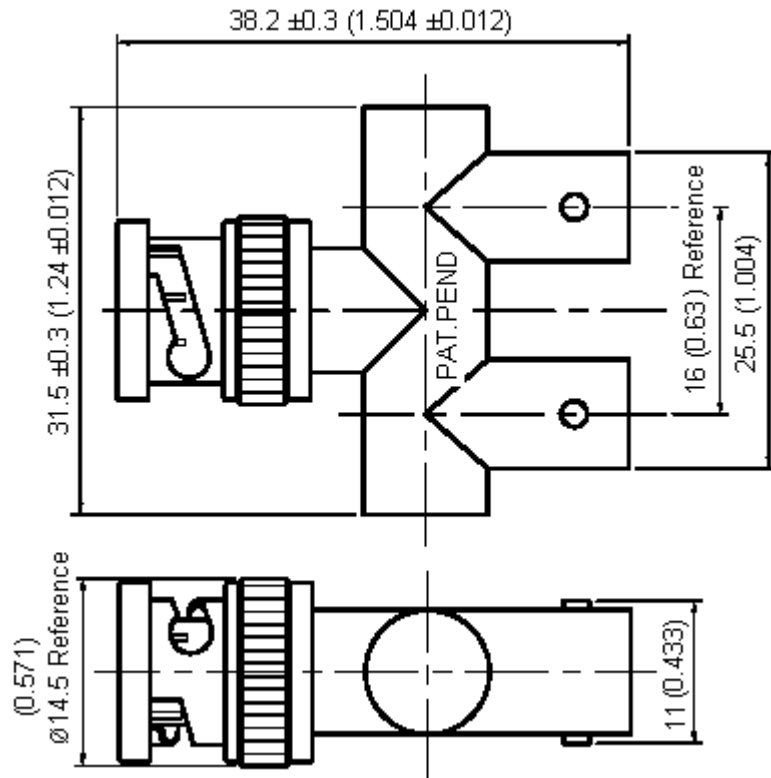
Mating / Unmating : 500 cycles

Electrical Characteristics

Nominal Impedance : 50 Ω
Frequency Range : 0 - 1 GHz
Operating Voltage : 500 V_{RMS}
Maximum Contact Resistance : 3 m Ω (gold)
Dielectric Withstanding Voltage : 1,500 V_{RMS}
Minimum Insulation Resistance : 5,000 M Ω

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)



Dimensions : Millimetres (Inches)

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11/06/12

DRAWING TITLE:

BNC AdapterSIZE
A

DWG NO.

M10000332ELECTRONIC FILE
23029_DWGREV
A

SCALE: NTS

U.O.M.: mm (Inches)

SHEET: 1 OF 2



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Specification Table

Number	Description	Material	Part Number
1	Body	100 µ Inches Minimum Nickel Plating Over Zinc Alloy	VBA112
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	Polypropylene	
8	Spring Washer	Beryllium Copper	
9	Gasket	Silicon Rubber	
10	Spacer	Teflon	

www.element14.com
www.farnell.com
www.newark.com

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SHEET: 2 OF 2