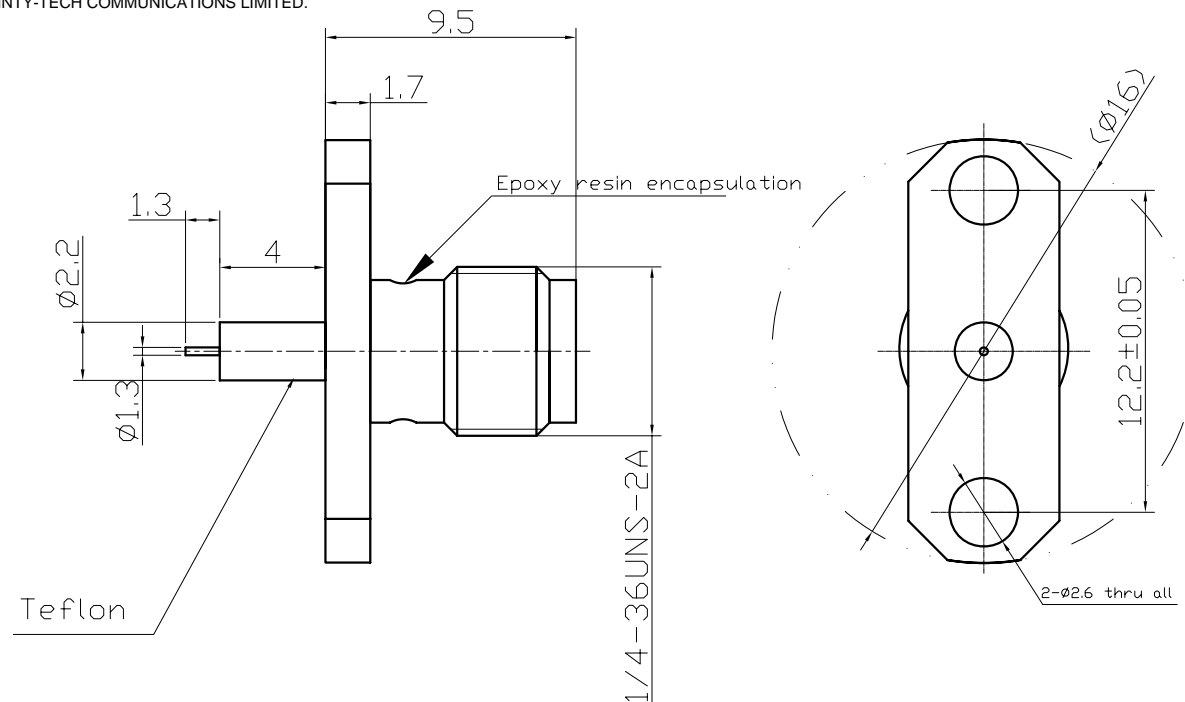


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#### Electrical Data

Impedance: 50 ohm

Frequency Range: DC to 18 GHz Max

Withstand Voltage: 1000 V @ SEA LEVEL

Working Voltage: 335V

Insulation Resistance:  $\geq 5000 \text{ M } \Omega$

Contact resistance

Center Contact  $\leq 3 \text{ m } \Omega$

Outer Contact  $\leq 2 \text{ m } \Omega$

#### Mechanical Data

Mating cycles:  $\geq 500$  cycles

#### Environmental Data

Operating Temperature: -55 to +125 Deg.C

2002/95/EC ( RoHS ) : compliant



6					
5					
4					
3	Insulator	PTFE			
2	Body	Brees			Gold Plated 0.4 micrometer
1	Centre contact	Copper Beryllium Alloy			Gold Plated 1.27 micrometer
Item No.	Description		Materials		Surface Plating
Designed	X.Q	Scale	2.5:1	Description	SMA Jack For 2Hole Flange Mount Receptacle Accepts 0.012 Dia Pin
Checked	J.W	Edition	a.00		
Approved	A.P	Sheet	1/1	P/N	SMA-KFD543
Unit:mm				Date	2011.12.22



Sainty-Tech Communications Limited