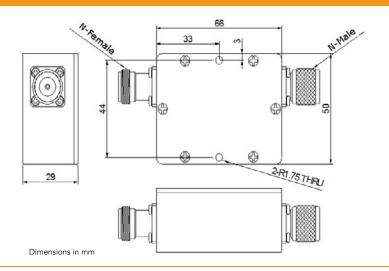
## **Datasheet**

## CeramicBand Pass Filter 1733H45-N



- Ceramic Telecommunications Filter
- N-Type Connectors (m/f)
- F<sub>0</sub> 1733.5 MHz, BW +/- 22.5 MHz
- Pass Band 1711 to 1756 MHz
- Input Power 5W
- Temperature Range -10°C to 55°C
- Low Insertion Loss
- High out-of-band attenuation to 2400 MHz

### **Specifications**

Parameter		Unit	Minimum	Typical	Maximum
Center Frequency (F <sub>0</sub> )		MHz	-	1733.5	-
Pass Band		MHz	1711		1756
Band Width		MHz		F <sub>0</sub> +/-22.5	
Impedance		Ohm		50	
Insertion Loss	@ BW	dBa			3.0
Ripple		dB			2.5
Return Loss	@ BW	dB	14	15	
VSWR				1.44:1	1.5:1
Attenuation	<ul><li>@ 700 to 1625 MHz</li><li>@ 1820 to 2100 MHz</li><li>@ 2100 to 2400 MHz</li></ul>	dBc	60 60 50		
Input Power		Watt			5
Operating Temperature		°C	-10		55
Dimensions (w/o connectors) LWH		mm inch		66 x 50 x 29 2.6 x 2.0 x 1.1	
ROHS		YES			

This product complies with EU directive 2002/95/EC (RoHS compliance)

### **Order Information**

Туре	Description
CBPF1733H45-N	Ceramic Band Pass Filter Ceramic 1733 MHz, BW 45 MHz, Filter Range 700 to
	2400 MHz, N-Type Connectors (m/f)

Specifications subject to change without further notification

# RF & Microwave Technology

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