

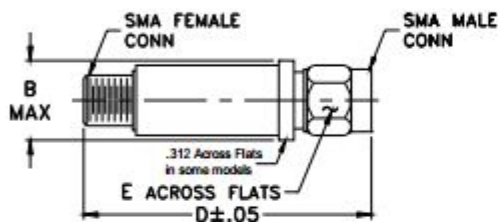
Maximum Ratings

Operating Temperature -45°C to 100°C

Storage Temperature -55°C to 100°C

Permanent damage may occur if any of these limits are exceeded.

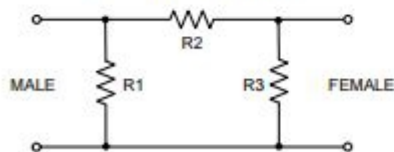
Outline Drawing



Outline Dimensions (inch/mm)

B	D	E	wt
.410	1.43	.312	grams
10.41	36.32	7.92	10.0

Electrical Schematic



Features

- wideband coverage, DC to 6000 MHz
- 1 watt rating
- rugged unbody construction
- off-the-shelf availability
- very low cost

Applications

- impedance matching
- signal level adjustment



CASE STYLE: FF704

+RoHS Compliant

The +Suffix identifies RoHS Compliance. See our web site for RoHS Compliance methodologies and qualifications

Electrical Specifications

FREQ. RANGE (MHz)	ATTENUATION * (dB)					VSWR (:1)			MAX. INPUT POWER (W)		
	Flatness **										
	DC-3 GHz	3-5 GHz	5-6 GHz	DC-6 GHz		DC-3 GHz	3-5 GHz	5-6 GHz			
$f_c - f_u$	Nom.	Typ.	Typ.	Typ.	Typ.	Typ.	Max.	Typ.	Max.	Typ.	
DC-6000	7±0.3	0.10	0.10	0.10	0.10	1.05	1.20	1.15	1.40	1.40	1.0

* Attenuation varies by 0.3 dB max. over temperature.

** Flatness = variation over band divided by 2.

Typical Performance Data

Frequency (MHz)	Attenuation (dB)	VSWR (:1)
0.03	6.99	1.00
50.00	6.98	1.00
100.00	6.99	1.00
500.00	7.02	1.01
1000.00	7.04	1.01
2000.00	7.05	1.01
3000.00	7.05	1.05
4000.00	7.01	1.12
5000.00	7.01	1.24
6000.00	7.09	1.40

