

Isolator MicPuck™ Model: DSS1083-A

Application - SPACE

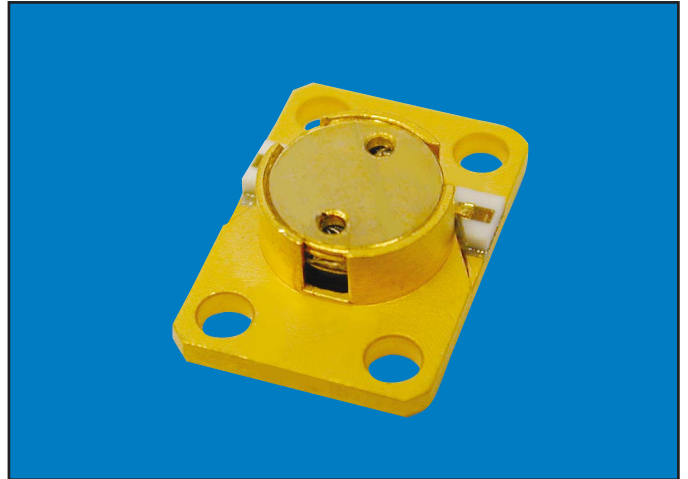
- ♦ Satellite Communication
- ♦ Highly Integrated MIC
- ♦ Hybrid Circuits

Benefits

- ♦ Low Mass
- ♦ Magnetically Screened
- ♦ Wide Temperature Range
- ♦ Suitable for Thermo-Compression Bonding

Features

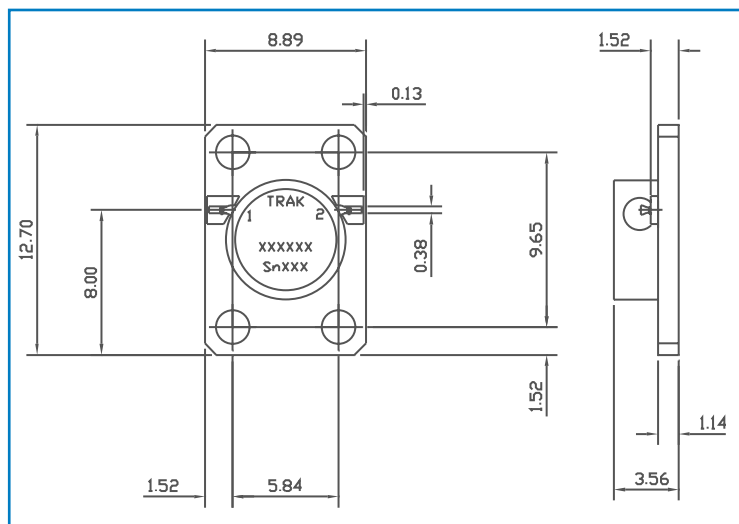
- ♦ Robust Construction
- ♦ Nickel Plated Body
- ♦ Options: Finish, Substrate Height, Orientation, Bandwidth



Specifications

Parameter	Specification			Unit	Parameter	Specification			Unit
Frequency	19500 to 20500			MHz		Min	Typ	Max	
	Min	Typ	Max		Operating Temp.	-10	-	+60	°C
Isolation	20	23	-	dB	Forward Power	-	-	1	W
Insertion Loss	-	0.45	0.5	dB	Reverse Power	-	-	1	W
Return Loss	20	23	-	dB	Interface	Alumina Substrate			-

Drawing



TRAK Microwave Limited
Dunsinane Avenue, Dundee, Scotland DD2 3QF
Phone: +44 (0)1382 833 411 ♦ Fax: +44 (0)1382 833 599
E-mail: trakeurope@trak.com ♦ www.trak.com

