

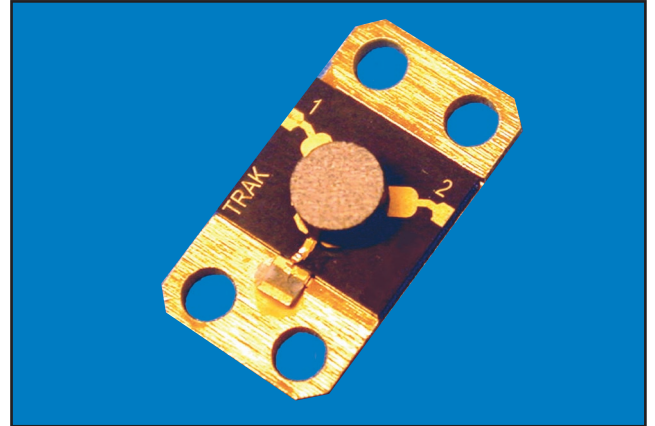
Isolator Monolithic Model: DSS1099-A

Application - SATCOM

- ◆ Space Qualified Channel Amplifiers
- ◆ Commercial Satellites (DBS)

Benefits

- ◆ Low Mass
- ◆ Low Loss
- ◆ Excellent Performance
- ◆ Wide Temperature Range
- ◆ Good Repeatability



Features

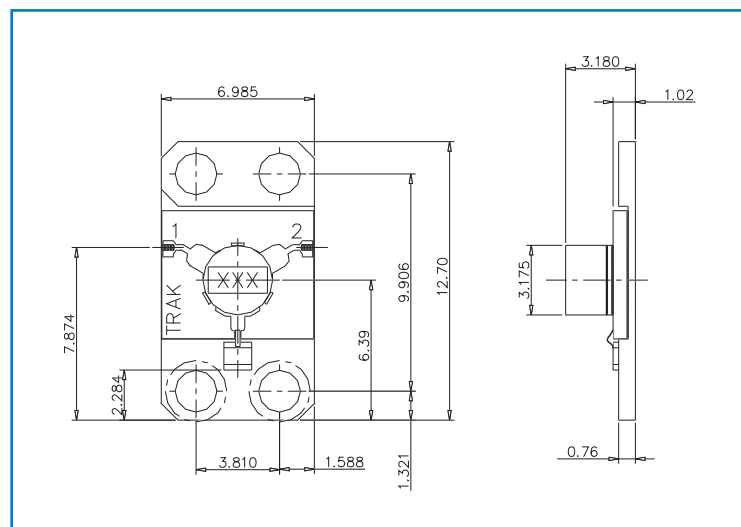
- ◆ Small Size
- ◆ Few Piece Parts
- ◆ Bandwidth
- ◆ Suitable for Inclusion in Hybrid Systems
- ◆ Also Available at Commercial and Military Screening Levels
- ◆ Options: Single/Dual Junction, CW/CCW Orientation

Specifications

Parameter	Specification			Unit
Frequency	13490 - 14910			MHz
	Min	Typ	Max	
Isolation	18	23	-	dB
Insertion Loss	-	0.45	0.50	dB
Return Loss	20	23	-	dB

Parameter	Specification			Unit
	Min	Typ	Max	
Operating Temp.	-35	-	+85	°C
Forward Power	-	-	1	W
Reverse Power	-	-	1	W
Interface	Wire/Ribbon Bonding			-

Drawing



Dimensions: mm



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