

# Isolator

## Coax/Substrate

### Model: DSS1103-A

#### Application - SPACE

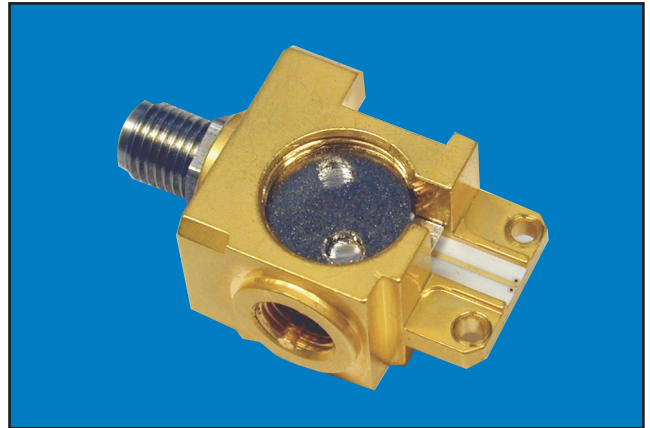
- ◆ Input for Low Noise Amplifier (LNA)
- ◆ Local Oscillator
- ◆ Channel Amplifier

#### Benefits

- ◆ High Frequency of Operations
- ◆ Minimal Mass
- ◆ Wide Temperature Range
- ◆ Good Performance
- ◆ MIC Interface

#### Features

- ◆ Robust Construction
- ◆ Magnetically Shielded
- ◆ Options: SMA Male or Female, CW or CCW Orientation, Bandwidth

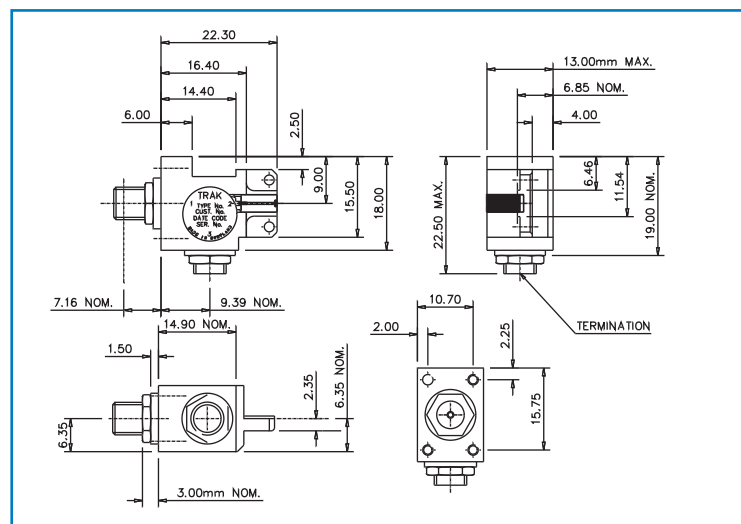


#### Specifications

Parameter	Specification			Unit
Frequency	29500 - 30000			MHz
	Min	Typ	Max	
Isolation	20	-	-	dB
Insertion Loss	-	-	1.00	dB
Return Loss	20	-	-	dB

Parameter	Specification			Unit
	Min	Typ	Max	
Operating Temp.	-20	-	+80	°C
Forward Power	-	-	10 (Peak)	W
Reverse Power	-	-	1	W
Interface	K (F) (Input), Microstrip (Output)			-

#### Drawing



Dimensions: mm



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