

Isolator

Waveguide 15

Model: DSS1089-A

Application - SPACE

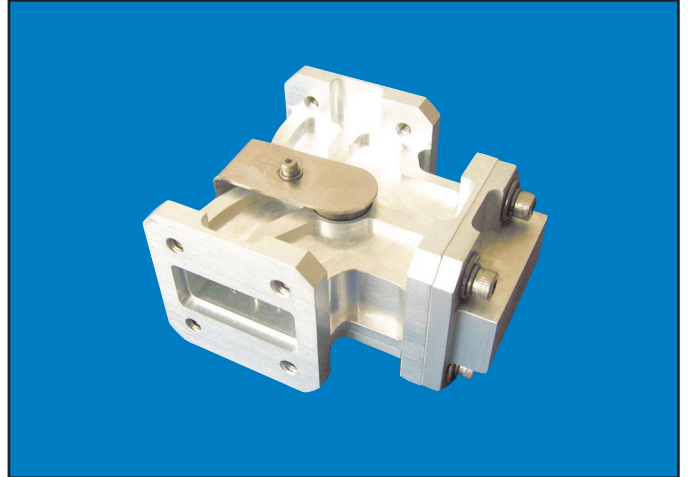
- ♦ Military Communications Payload
- ♦ Satellite Communication

Benefits

- ♦ Low Mass Technology
- ♦ Low Loss
- ♦ Mechanically Robust
- ♦ Wide Temperature Range

Features

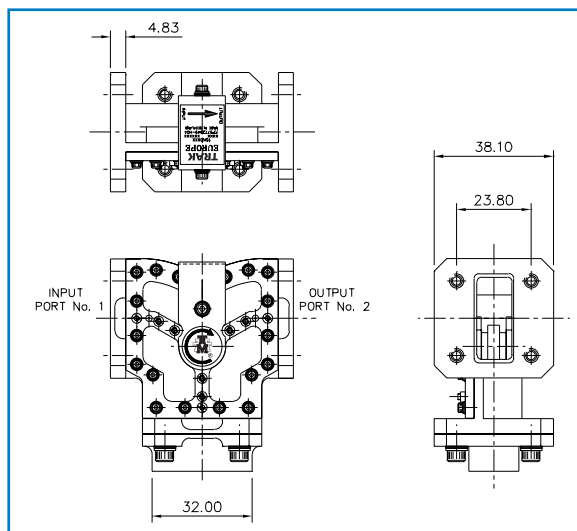
- ♦ Magnetically Shielded
- ♦ Excellent Power Handling
- ♦ Heritage Available
- ♦ Withstands Pyrotechnic Shock >2000g



Specifications

Parameter	Specification			Unit	Parameter	Specification			Unit
Frequency	7900 to 8300			MHz		Min	Typ	Max	
	Min	Typ	Max		Operating Temp.	-25	-	+75	°C
Isolation	25	27	-	dB	Forward Power	-	-	1	W
Insertion Loss	-	0.10	0.12	dB	Reverse Power	-	-	1	W
Return Loss	25	27	-	dB	Interface	WR90			-

Drawing



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