

Isolator Waveguide Model: DSS1068-A

Application - SPACE

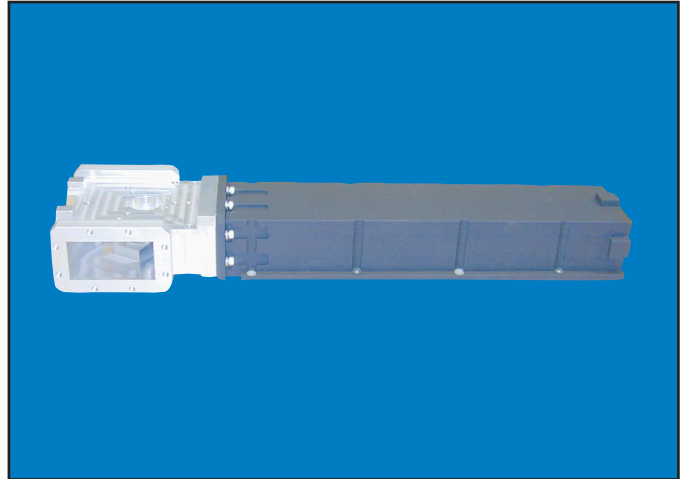
- ♦ C-Band Communications Payload
- ♦ Satellite Communication

Benefits

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

Features

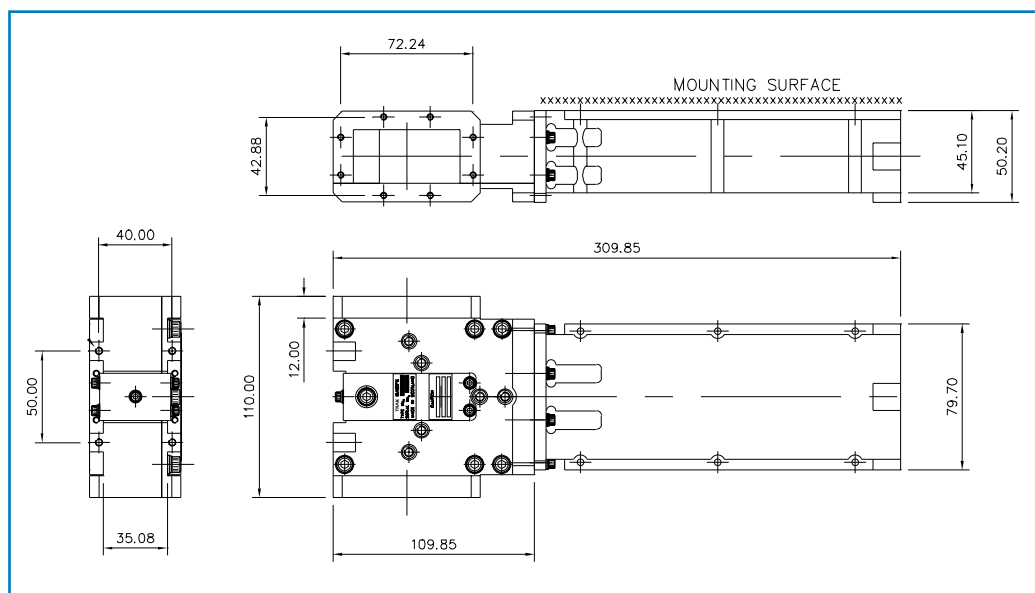
- ♦ Magnetically Shielded
- ♦ Excellent Power Handling
- ♦ Heritage Available
- ♦ Space Approved Thin Film Load Technology



Specifications

Parameter	Specification			Unit	Parameter	Specification			Unit
Frequency	3900 to 4800			MHz		Min	Typ	Max	
	Min	Typ	Max		Operating Temp.	-20	-	+85	°C
Isolation	23	25	-	dB	Forward Power	-	-	10x15	W
Insertion Loss	-	0.10	0.12	dB	Reverse Power	-	-	130	W
Return Loss	23	25	-	dB	Interface	WR229			-

Drawing



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