

Duplexer

Dual Junction High Power Drop-In

Model: LCD402

Application - WIRELESS

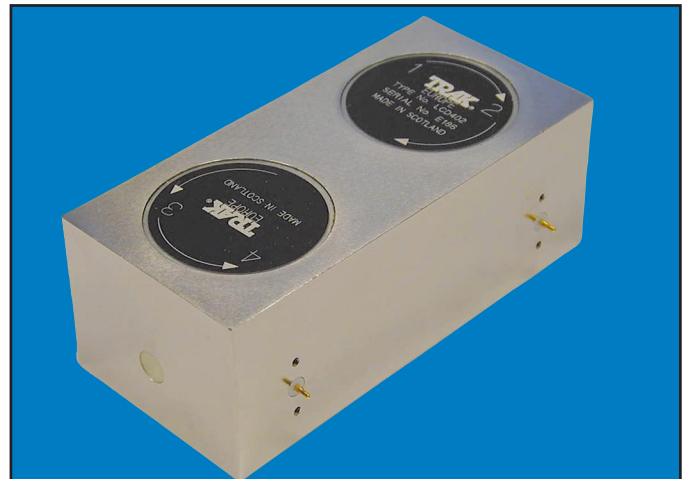
- ♦ OEM
- ♦ Antenna and Receiver
- ♦ Duplexing and Source Isolation

Benefits

- ♦ Power Handling to Volume Ratio
- ♦ Low Volume
- ♦ Qualified Mode-S Transmit Duplexer

Features

- ♦ IFFS with C Band Option
- ♦ Duplex Mode
- ♦ High Power Handling
- ♦ Magnetically Screened
- ♦ Available Phase Matched
- ♦ Average Power: 0.325 kW Long Duty
3.25 kW Short Duty



Specifications

Parameter		Specification			Unit
Frequency		1020 - 1100			MHz
		Min	Typ	Max	
Isolation	Ports 2 to 1	18	21	-	dB
	Ports 4 to 3	18	21	-	dB
	Ports 3 to 2	46	50	-	dB
	Ports 1 to 4	46	50	-	dB
Insertion Loss	Ports 1 to 2	-	0.2	0.25	dB
	Ports 3 to 4	-	0.2	0.25	dB
	Ports 3 to 2	-	0.4	.05	dB
	Ports 1 to 4	-	-	0.5	dB
Return Loss		20	25	-	dB
Forward Power		-	-	5	kW pk.
Forward Power		-	-	3.25	kW avg.
Operating Temperature		0	-	+60	°C

Drawing on other side



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Drawing

