

Multiplexer

5 Channel Multi-Junction Ferrite

Model: MC9110126 Series

Application - SPACE

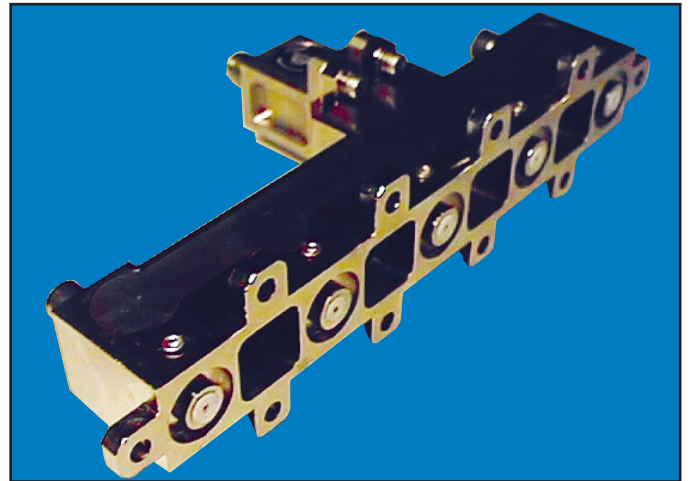
- ◆ Integrated Demultiplexers/Multiplexers

Benefits

- ◆ Combiner Option
- ◆ Improved Insertion Loss
- ◆ Robust Construction
- ◆ Ease of Integration
- ◆ Excellent EMC Characteristics

Features

- ◆ 2-7 Channels With/Without Combiner
- ◆ Variable Pitch Interface
- ◆ Interface SMA, F/M or SMA Pin
- ◆ 2 Channel Multiplexer and 3 Channel Multiplexer with 3dB Wilkinson Isolated Output
- ◆ Magnetically Shielded



Specifications

Model	MC9110126A			
Parameter	Specification			Unit
Frequency	10.0 to 18.0			GHz
	Min	Typ	Max	
Insertion Loss (per junction)	-	0.2	0.025	dB
Return Loss	23	25	-	dB
Isolation (per junction)	23	25	-	dB
Forward Power	80	-	-	W
Operating Temperature	-50	+23	+85	°C
Mass	220			g
Interface	Compliant with SMA (m)			-

Specifications Continued on Back



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Specifications Continued

Input Port	IL wrt Out (dB)	Isolation at Port					
		RL	1	2	3	4	5
1	4.57	25	-	-	-	-	-
2	4.13	25	25	-	-	-	-
3	3.69	25	50	25	-	-	-
4	4.13	25	45	45	45	-	25
5	4.57	25	45	45	45	25	-
OUT	-	25	53	53	53	53	53

