

"High Frequency Ceramic Solutions"

859/1920 MHz Diplexer

Detail Specification

P/N 0859DP18A1920

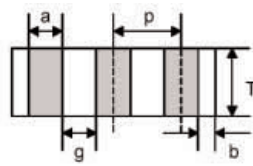
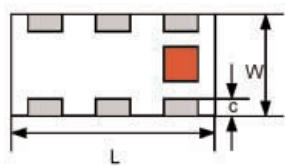
Rev 11/15/01 Page 1 of 2

Part Number	Frequency (MHz)	Attenuation Low Band	Attenuation High Band	Return Loss
0859DP18A1920_	824 - 894	0.75 dB max.	20 dB min.	12 dB min.
	1850 - 1990	20 dB min.	0.55 dB max.	12 dB min.

Input Power	Impedance	Operating Temperature Range	Reel Qty
3 Watts max	50 Ω	-40 to +85°C	3000

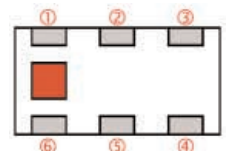
Mechanical Dimensions

	L	W	T	a	b	c	g	p
Inches	0.126 $\pm$.006	0.064 $\pm$.006	0.034 $\pm$.004	0.022 $\pm$.006	0.014 $\pm$.006	0.012 $\pm$.004/-0.008	0.016 $\pm$.006	0.039 $\pm$.004
mm	3.2 $\pm$ 0.15	1.6 $\pm$ 0.15	0.85 $\pm$ 0.1	0.55 $\pm$ 0.15	0.35 $\pm$ 0.15	0.3 $\pm$ 0.1/-0.2	0.4 $\pm$ 0.15	1.0 $\pm$ 0.1



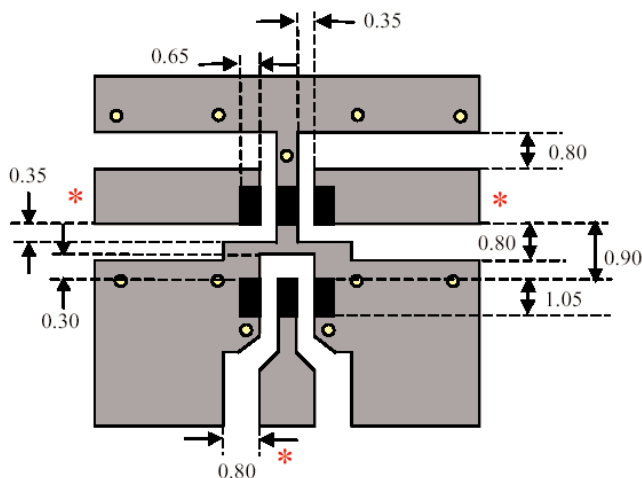
Terminal Configuration

No.	Function	No.	Function
1	Low Band Port (P2)	4	GND
2	GND	5	Common Port (P3)
3	High Band Port (P1)	6	GND



Mounting Considerations

Mount these devices with brown colored side facing up. Line width should be designed to provide 50 Ω impedance matching characteristics.



- Solder Resist
- Land
- Through-hole (ϕ 0.3)

Johanson Technology, Inc. reserves the right to make design changes without notice.
All sales are subject to Johanson Technology, Inc. terms and conditions.

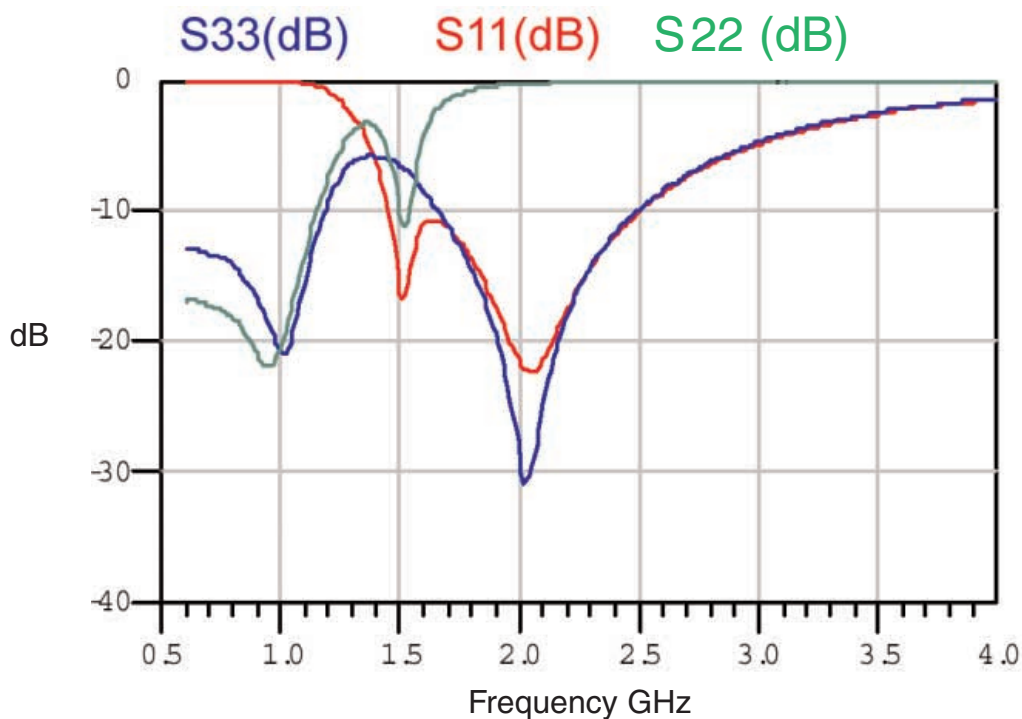
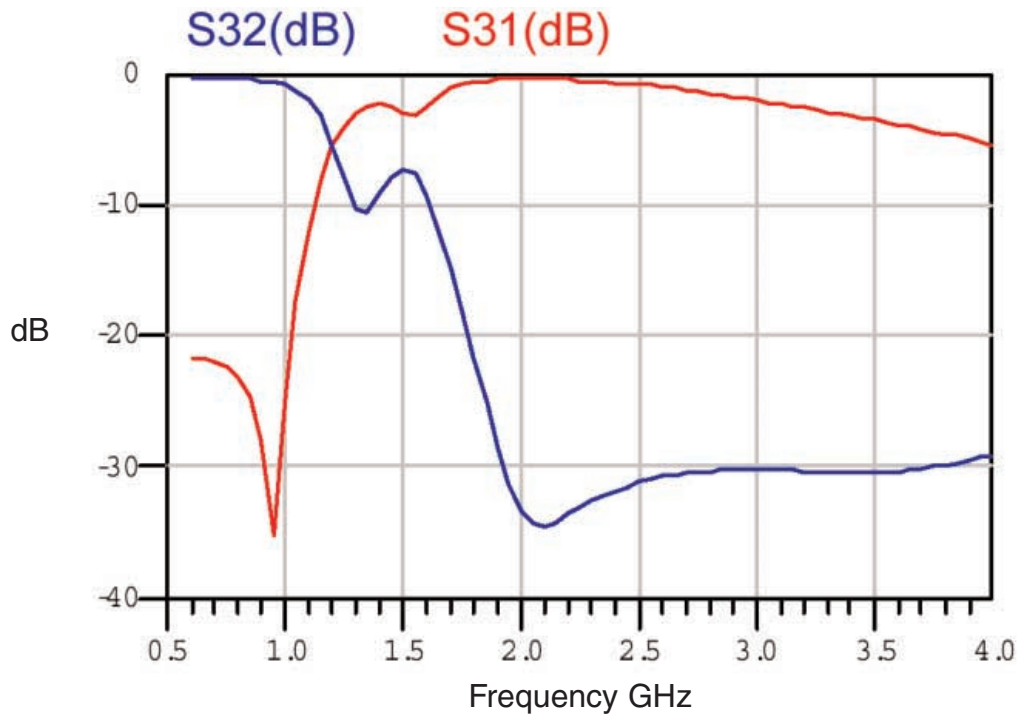
"High Frequency Ceramic Solutions"

859/1920 MHz Diplexer

Detail Specification

P/N 0859DP18A1920

Rev 11/15/01 Page 2 of 2



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Johanson:](#)

[0859DP18A1920E](#) [0859DP18A1920001E](#)