

"High Frequency Ceramic Solutions"

859/1920 MHz Diplexer

Detail Specification

P/N 0859DP18A1920

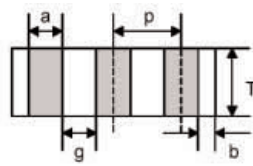
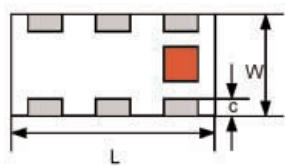
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Part Number	Frequency (MHz)	Attenuation Low Band	Attenuation High Band	Return Loss
0859DP18A1920_	824 - 894	0.75 dB max.	20 dB min.	12 dB min.
	1850 - 1990	20 dB min.	0.55 dB max.	12 dB min.

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

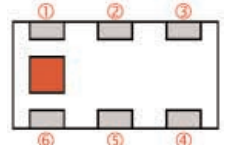
Mechanical Dimensions

	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



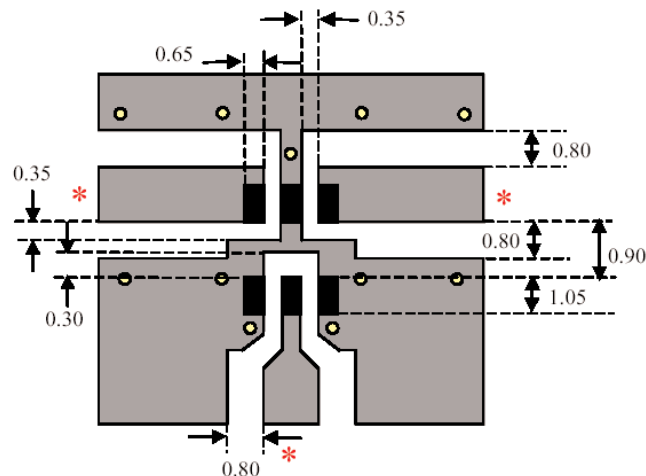
Terminal Configuration

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.
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