

SMD 942.5MHz SAW FILTER

AFS942.5W01-TS4

*RoHS COMPLIANT



3 x 3 x 1.5mm

STANDARD SPECIFICATIONS:

CHARACTERISTICS	UNIT	MIN.	TYP.	MAX.
Center Frequency Fc	MHz	-	942.5	-
Pass Bandwidth	MHz	-	35	-
Stopband Suppression				
0 ~ 880 MHz	dB	20	-	-
880 ~ 905 MHz	dB	20	-	-
905 ~ 915 MHz (-35°C to 35°C)	dB	15	-	-
905 ~ 915 MHz (35°C to 85°C)	dB	7	-	-
925 ~ 935 MHz (15°C to 85°C)	dB	-	-	3.0
925 ~ 935 MHz (-35°C to 15°C)	dB	3.5	-	-
935 ~ 960 MHz	dB	-	-	3.0
980 ~ 1005 MHz	dB	20	-	-
1005 ~ 1080 MHz	dB	20	-	-
1080 ~ 2400 MHz	dB	20	-	-
2400 ~ 3120 MHz	dB	10	-	-
Return Loss (925 ~ 960 MHz)	dB	6	-	-
DC Voltage	dB	±10		
RF Power Dissipation	dBm	0		
Operating Temperature	°C	-30°C to +80°C		
Storage Temperature	°C	-40°C to +85°C		
Terminating Impedance	Ω	50		

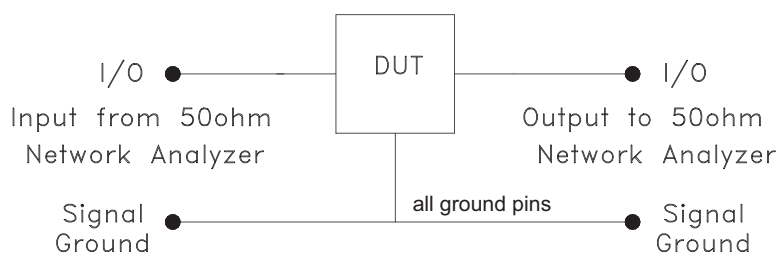
Electrostatic Sensitive Device. Handle with precaution.

MARKING:

- AFS942 Filter 942.5MHz
- ZYX (ZY: Date code Z for month from A to L; Y for year, i.e. 4 for 2004 X: Traceability code)

PIN NO.	CONNECTIONS
1	Ground
2	Input/Output
3	Ground
4	Ground
5	Input/Output
6	Ground

TEST CIRCUIT:



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➤ FREQUENCY RESPONSE:



➤ OUTLINE DRAWING:

