

SMD 942.5MHz SAW FILTER

AFS942.5W02-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	-
Insertion Loss	dB	-	-	4.5
Input/Output Return Loss	dB	6.0	-	-
Stopband Suppression				
0 ~ 880 MHz	dB	40	-	-
880 ~ 905 MHz	dB	35	-	-
905 ~ 915 MHz	dB	15	-	-
925 ~ 960 MHz	dB	-	-	4.5
980 ~ 982 MHz	dB	20	-	-
982 ~ 1005 MHz	dB	23	-	-
1005 ~ 1025 MHz	dB	30	-	-
1025 ~ 1035 MHz	dB	35	-	-
1035 ~ 1760 MHz	dB	40	-	-
1760 ~ 2500 MHz	dB	30	-	-
2500 ~ 3120 MHz	dB	20	-	-
3120 ~ 4000 MHz	dB	15	-	-
4000 ~ 6000 MHz	dB	8	-	-
Terminating Impedance	Ω	-	50	-
DC Voltage	Vdc	± 10		
RF Power Dissipation	dBm	0		
Operating Temperature	$^{\circ}\text{C}$	-30°C to $+80^{\circ}\text{C}$		
Storage Temperature	$^{\circ}\text{C}$	-40°C to $+85^{\circ}\text{C}$		

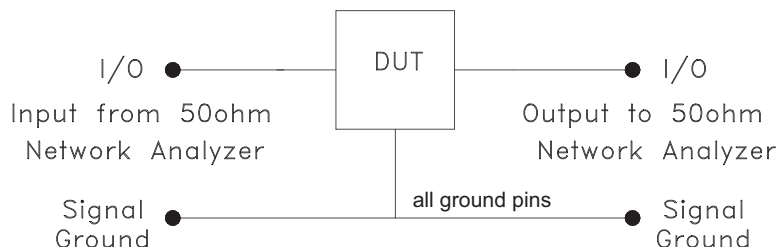
Electrostatic Sensitive Device. Handle with precaution.

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:



SMD 942.5MHz SAW FILTER

AFS942.5W02-TS4

*RoHS COMPLIANT



3 x 3 x 1.5mm

➤ FREQUENCY RESPONSE:



➤ OUTLINE DRAWING:

