

# SMD 902.5 MHz SAW FILTER

AFS-152-902.5MHz-T

\*RoHS COMPLIANT



3.0 x 3.0 x 1.3mm

## STANDARD SPECIFICATIONS:

CHARACTERISTICS	UNIT	MIN.	TYP.	MAX.
Center Frequency Fc	MHz	-	902.5	-
Insertion Loss (890~915) IL	MHz	-	2.9	3.5
V.S.W.R. (890~915)		-	1.5	2.3
Ripple (890~915)	dB	-	0.5	1.5
Attenuation (Reference level from 0 dB)				
0 ~ 845 MHz	dB	45	51.0	-
925 ~ 935 MHz	dB	5	21.0	-
935 ~ 980 MHz	dB	25	28.0	-
980 ~ 1200 MHz	dB	50	56.0	-
1200 ~ 3000 MHz	dB	25	28.0	-
Impedance at Fc				
Input Zin = Rin // Cin	Ω/pF		50//0	Note 1
Output Zout = Rout // Cout	Ω/pF		50//0	Note 1
DC Voltage	V		0	
Operating Temperature Range	°C		-25°C to +85°C	
Storage Temperature Range	°C		-45°C to +85°C	
Input Power Level	dBm		10	

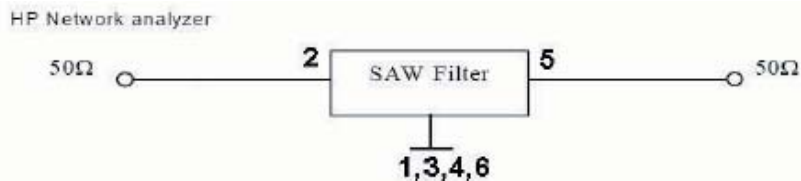
PIN NO.	CONNECTIONS
1	Ground
2	Input
3	Ground
4	Ground
5	Output
6	Ground

Note 1: No matching network required for operation at 50 Ω.

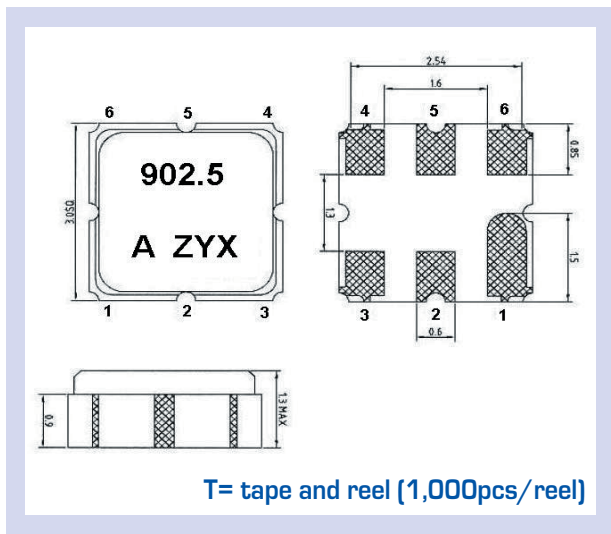
## MARKING:

- 902.5 (Frequency in MHz)
- A ZYX (A=Abracon; ZY: Date code Z for month from A to L; Y for year, i.e. 4 for 2004; X: Traceability code)

## TEST CIRCUIT:



## DRAWING:



## FREQUENCY CHARACTERISTICS:

