

SMD 405.500 MHz SAW FILTER

AFS403.5W01-TS3

APPLICATION: SAW Filters for Low Power Systems



3.8 x 3.8 x 1.5mm

STANDARD SPECIFICATIONS:

CHARACTERISTICS	UNIT	MIN.	TYP.	MAX.
Center Frequency F_c	MHz	-	403.5	-
Passband width	MHz	-	± 2.0	-
Insertion Loss @ Passband	dB	-	-	4.5
Ripple Deviation @ Passband	dB	-	-	2.0
Stopband Suppresion				
$F_o - 100.0\text{MHz} \sim f_o - 40.8\text{MHz}$	dB	50	-	-
$F_o + 40.8\text{MHz} \sim f_o + 100\text{MHz}$	dB	50	-	-
DC Permissive Voltage	DC	10		
Maximum Input Power	dBm	10		
Operating Temperature	$^{\circ}\text{C}$	-30°C to $+85^{\circ}\text{C}$		
Storage Temperature	$^{\circ}\text{C}$	-40°C to $+85^{\circ}\text{C}$		
Terminating Impedance	Ω / pF	150 // 0		

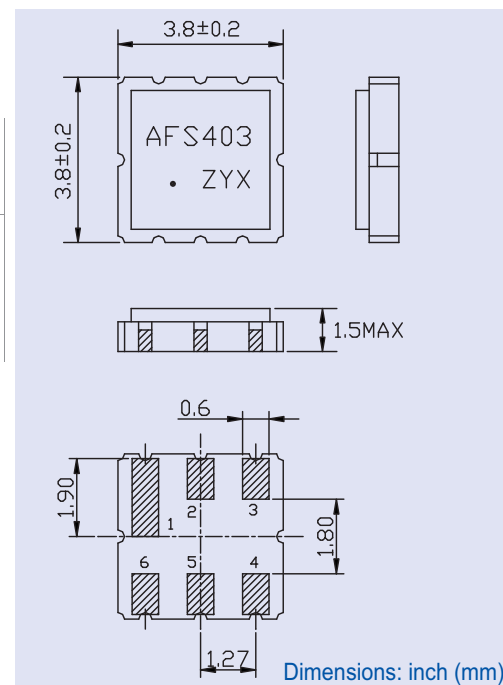
Electrostatic Sensitive Device. Handle with precaution.

MARKING:

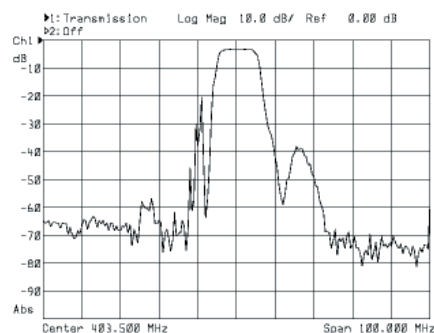
- AFS403 (Filter 403.500 MHz)
- ZYX (ZY: Date code Z for month from A to L; Y for year, i.e. 4 for 2004, X: Traceability code)

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

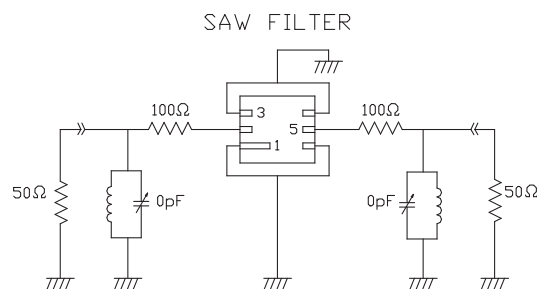
OUTLINE DRAWING:



FREQUENCY RESPONSE:



TEST CIRCUIT:



Mouser Electronics

Authorized Distributor

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

[ABRACON:](#)

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