

SMD 869.0 MHz SAW FILTER

AFS869S3

APPLICATION: Automotive Electronics/Remote Control



3.8 x 3.8 x 1.5mm

STANDARD SPECIFICATIONS:

CHARACTERISTICS	UNIT	MIN.	TYP.	MAX.
Center Frequency F_c	MHz	-	869.000	-
Bandwidth	MHz	-	$F_c \pm 4.0$	-
Insertion Loss @ Passband	dB	-	-	4.5
Ripple @ Passband	dB	-	-	1.5
Relative Attenuation				
825.0 ~ 828.0 MHz	dB	40	-	-
846.0 ~ 849.0 MHz	dB	35	-	-
889.0 ~ 892.0 MHz	dB	35	-	-
910.0 ~ 913.0 MHz	dB	40	-	-
DC Voltage	V	10		
Source Power	dBm	10		
Operating Temperature	°C	-30°C to +80°C		
Storage Temperature	°C	-40°C to +85°C		
Terminating Impedance	-	50Ω/0 pF		

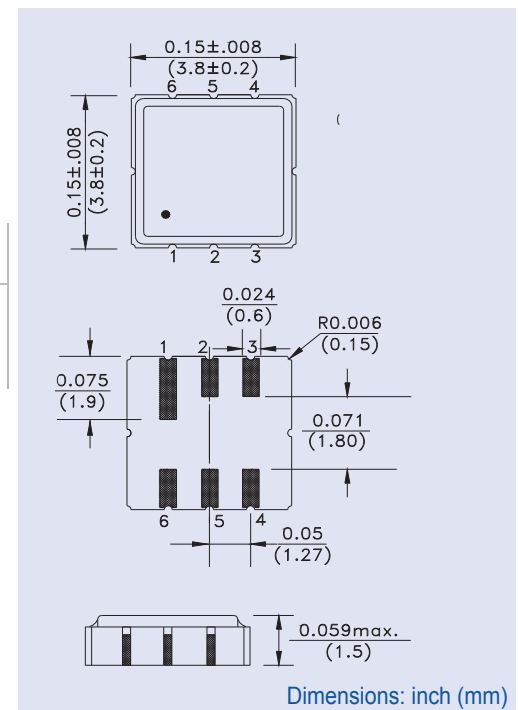
Electrostatic Sensitive Device. Handle with precaution.

MARKING:

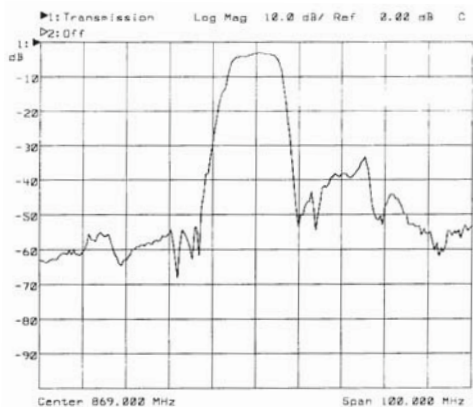
- 869F (869.0 Frequency in MHz)
- AZYX (ZY: Date code Z for month from A to L; Y for year, i.e. 4 for 2004 X: Traceability code)

PIN NO.	CONNECTIONS
2	Input
5	Output
Others	Ground

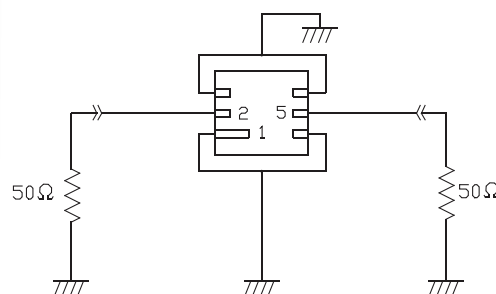
OUTLINE DRAWING:



FREQUENCY RESPONSE:



TEST CIRCUIT:



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