

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 Fc	MHz	-	869.000	-
Bandwidth	MHz	-	Fc ± 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	0		
Operating Temperature	°C	-30°C to +80°C		
Storage Temperature	°C	-		
Terminating Impedance	-	50Ω/0 pF		

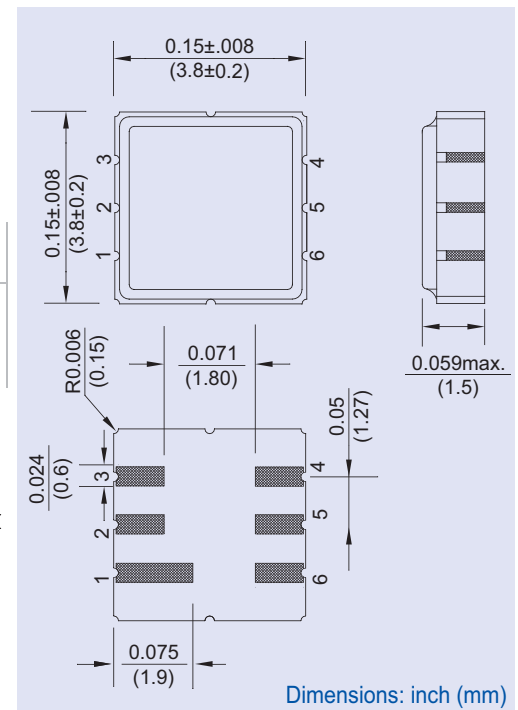
Electrostatic Sensitive Device. Handle with precaution.

MARKING:

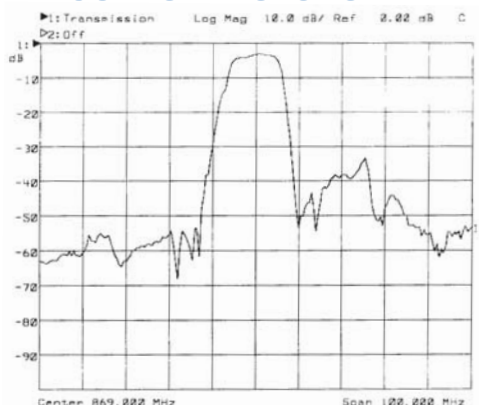
- 869.00 (869.0 Frequency in MHz)
- AF ZYX (ZY: Date code Z for month from A to L; Y for year, i.e. 4 for 2004 X: Traceability code)

PIN NO.	CONNECTIONS
1	Ground
2	Signal I/O
3	Ground
4	Ground
5	Signal I/O
6	Ground

OUTLINE DRAWING:



FREQUENCY RESPONSE:



TEST CIRCUIT:

