

SMD 1880MHz SAW FILTER

AFS1880S6-01

*RoHS COMPLIANT



2 x 2 x 1.0mm

STANDARD SPECIFICATIONS:

CHARACTERISTICS	UNIT	MIN.	TYP.	MAX.
Center Frequency Fc @ 25°C	MHz	-	1880.0	-
Insertion Loss @ 1805 MHz ~ 1910 MHz	dB	-	3.0	4.3
Amplitude Ripple pk-pk @ 1850MHz ~ 1910 MHz	dB	-	1.5	2.8
Input VSWR	dB	-	1.9	2.2
Attenuation				
DC ~ 1580 MHz	dB	16	19	-
1580 ~ 1720 MHz	dB	19	21	-
1720 ~ 1800 MHz	dB	20	26	-
1930 ~ 1990 MHz	dB	10	20	-
1990 ~ 2400 MHz	dB	21	23	-
2400 ~ 3500 MHz	dB	22	24	-
3500 ~ 6000 MHz	dB	13	15	-
DC Voltage	V	5		
Source Power	dBm	13		
Operating Temperature	°C	-30°C to +80°C		
Storage Temperature	°C	-40°C to +85°C		
Input/Output Terminating Impedance	Ω	50		

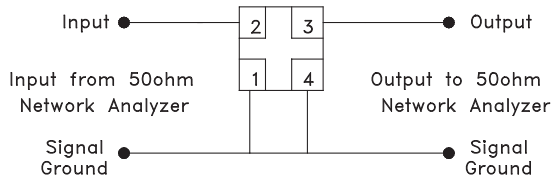
Electrostatic Sensitive Device. Handle with precaution.

MARKING:

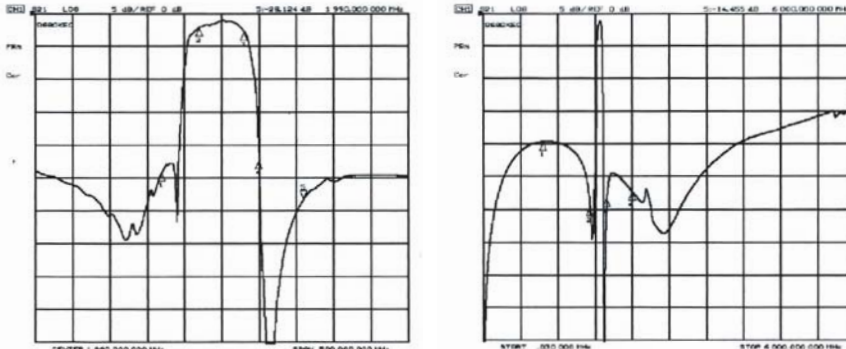
- A01 (A01 Filter Series)
- ZYX (Z: month from A to L
Y: Year, i.e. 4 for 2004
X: Traceability code)

PIN NO.	CONNECTIONS
1	Input-Ground
2	Input
3	Output
4	Output-Ground

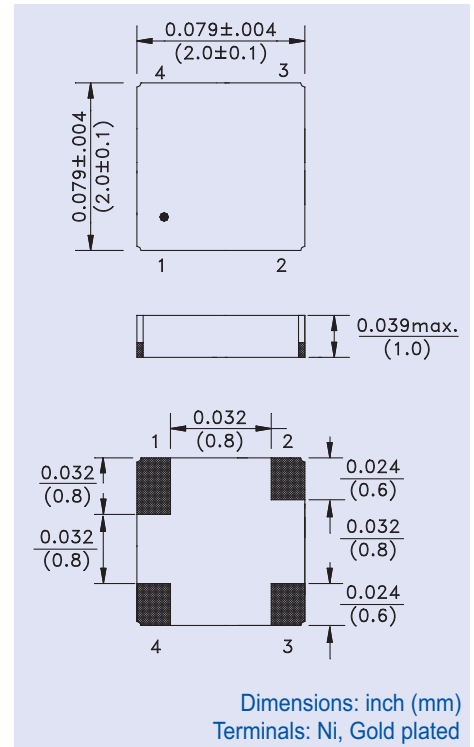
TEST CIRCUIT:



FREQUENCY RESPONSE:



OUTLINE DRAWING:



ABRACON IS
ISO 9001 / QS 9000
CERTIFIED

rev.11-9/05



30332 Esperanza, Rancho Santa Margarita, California 92688
tel 949-546-8000 | fax 949-546-8001 | www.abracon.com