

SMD 881.5MHz SAW FILTER

AFS881.5W01-TS4

*RoHS COMPLIANT



3.0 x 3.0 x 1.5mm

STANDARD SPECIFICATIONS:

CHARACTERISTICS	UNIT	MIN.	TYP.	MAX.
Center Frequency F_c @ 25°C	MHz	-	881.5	-
3dB Pass Band Width	dB	-	25	-
Insertion Loss @ 869 MHz ~ 894 MHz	dB	-	-	3.0
Passband Ripple @ 869 MHz ~ 894 MHz	dB	-	-	1.8
Return Loss @ 869 MHz ~ 894 MHz	dB	10.0	-	
Attenuation				-
DC ~ 800 MHz	dB	20	-	-
824 ~ 849 MHz	dB	35	-	-
978 ~ 1006 MHz	dB	25	-	-
1088 ~ 1119 MHz	dB	30	-	-
1119 ~ 2600 MHz	dB	20	-	-
DC Voltage	V	± 10		
RF Power Dissipation	dBm	23		
Operating Temperature	°C	-30°C to +80°C		
Storage Temperature	°C	-40°C to +85°C		

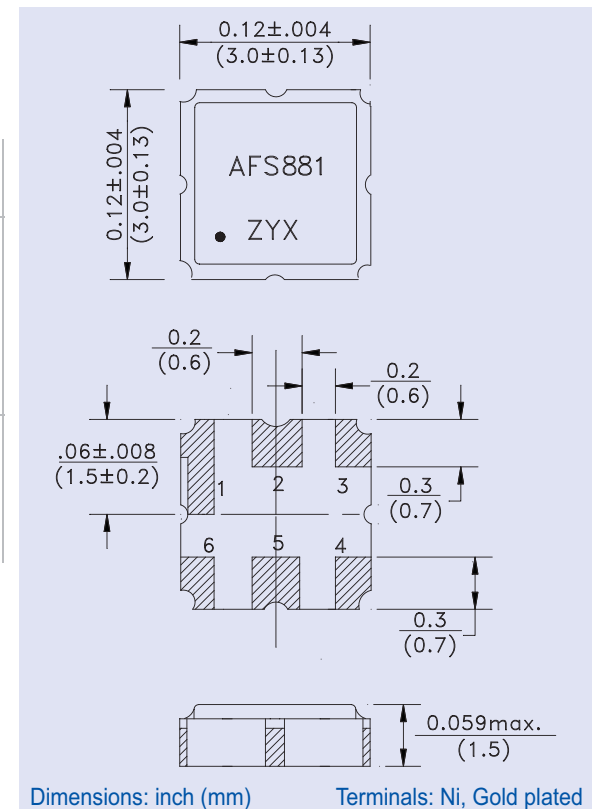
Electrostatic Sensitive Device. Handle with precaution.

MARKING:

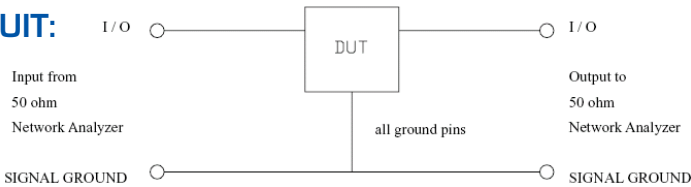
- AFS881 (881: Filter 881.5MHz)
- ZYX (Z: month from A to L
Y: Year, i.e. 4 for 2004
X: Traceability code)

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

OUTLINE DRAWING:



TEST CIRCUIT:



FREQUENCY RESPONSE:

