SAW Device NEW

Crystal Bridge to the Future

IF SAW Filter for Digital Terrestrial Broadcasting Mini-satellite For Industrial Use

■ Features

- Compact.
- With a low-band ripple.
- Excellent steepness characteristics.



Pb Free

RoHS Compliant
Directive 2002/95/EC

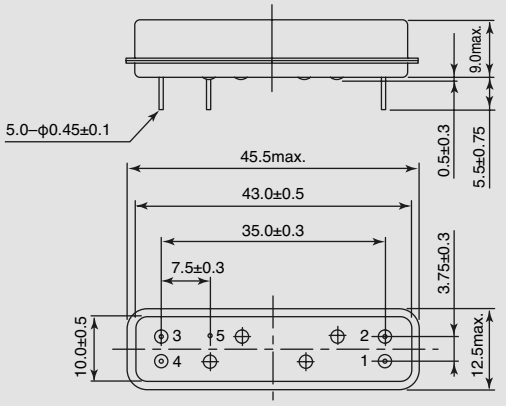
■ Specifications

Model		WFA18B0037KB		
Item		min.	typ.	max.
Nominal frequency : f_0 (MHz)			37.15	
Minimum loss : IL (dB)		–	27.8	33
1 dB bandwidth :	Lower (MHz)	–	–2.91	–2.79
(Minimum loss) :	Upper (MHz)	+2.79	+2.91	–
In-band deviation (Max. f_0±2.79 MHz)(dB)		–	0.5	1.0
Guaranteed attenuation	f_0–15 to f_0–3.2 MHz (dB)	30	33	–
(Minimum loss standard)	f_0+3.2 to f_0+15 MHz (dB)	30	33	–
Operating temperature range (°C)			–10 to +60	
Terminating impedance (Ω)			50 (with matching)	

■ Dimensions

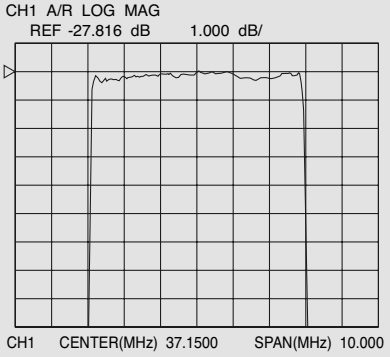
mm

PAD NO.	CONNECTION
Others	GND
1	INPUT
3	OUTPUT

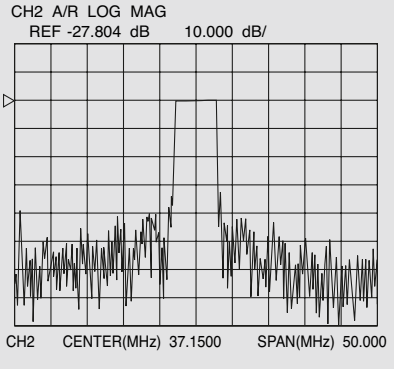


■ Characteristics

[In-band characteristics]



[Out-of-band characteristics]



■ Matching Circuit

