

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

■ Features

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

Pb Free

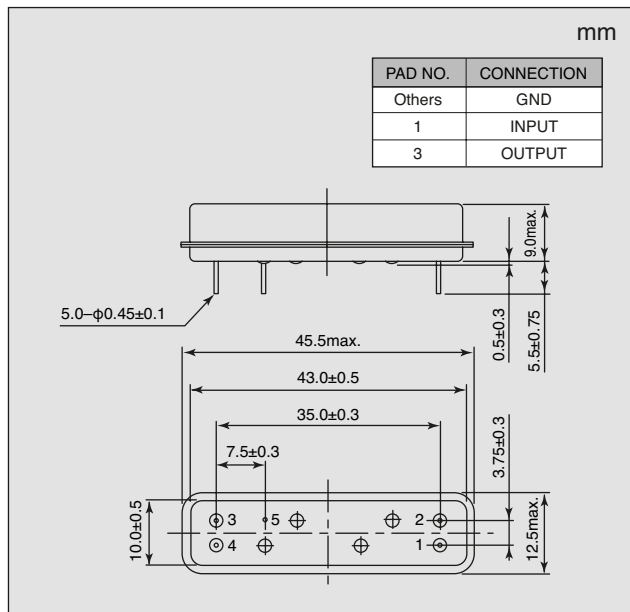
RoHS Compliant
Directive 2002/95/EC



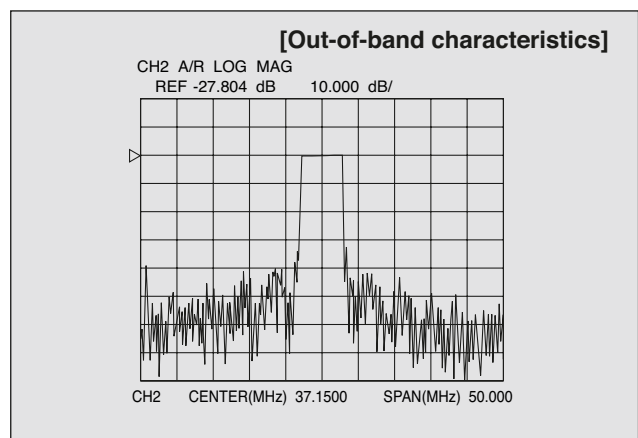
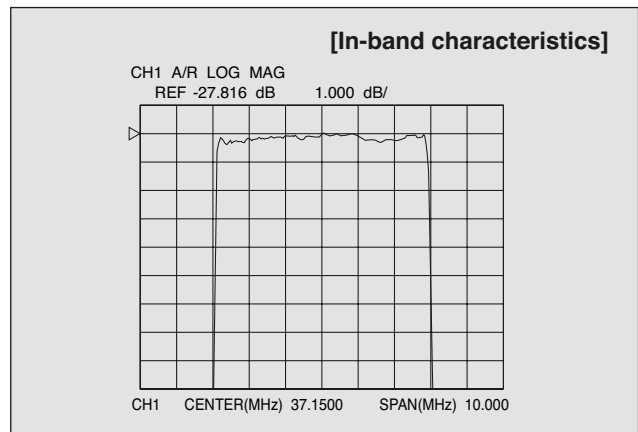
■ Specifications

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
	Upper (MHz)	+2.79	+2.91	-
In-band deviation (Max. $f_0 \pm 2.79$ MHz)(dB)		-	0.5	1.0
Guaranteed attenuation (Minimum loss standard)	$f_0 - 15$ to $f_0 - 3.2$ MHz (dB)	30	33	-
	$f_0 + 3.2$ to $f_0 + 15$ MHz (dB)	30	33	-
Operating temperature range (°C)		-10 to +60		
Terminating impedance (Ω)		50 (with matching)		

■ Dimensions



■ Characteristics



■ Matching Circuit

