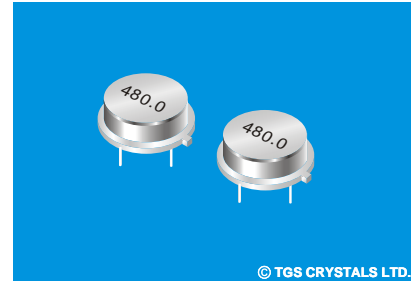


FEATURES

- The SFA480-T is a IF filter for DSB receivers with constant group delay.

APPLICATIONS

- Communication



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SPECIFICATION *

Parameters		Product	Option Code
		SF	SF
Centre Frequency(fc) :	480.000MHz	▲	480.000
Pass bandwidth(B _{3dB}):	25.6MHz Min.	▲	
Relative attenuation(a _{rel}):			
	466.5MHz: 4.6dB Max.	▲	
	493.5MHz: 4.6dB Max.	▲	
	Lower sidelobe 430~455.5MHz:40dB Min.	▲	
	Upper sidelobe 504.5~530MHz:38dB Min.	▲	
Operating Temp. Range:	-10°C~+60°C	▲	
Storage Temp. Range:	-40°C~+85°C	▲	
Reflected wave signal suppression:			
	0.1 μs ~2.0 μs after main pulse:40dB Min.	▲	
Amplitude ripple (p-p):			
	473.0~486.5MHz: 1.0dB Max.	▲	
Group delay :	480.0MHz:227.5ns	▲	
Group delay ripple (p-p):			
	467.0~493.0MHz:15.0ns Max.	▲	
Temp. coefficient of frequency(TC _f):			
	-86ppm/K	▲	
AC Voltage Between Any Two Pins(V _{pp}) :	5V	▲	
DC Voltage Between Any Two Pins(V _{dc}):	0V	▲	
Reference Temp.:	TA=25°C	▲	
Terminating source impedance:	Z _s =50 Ω	▲	
Terminating load impedance:	Z _s =50 Ω	▲	
Group delay aperture:	0.25MHz	▲	
Holder Type:	TO-39	△	T
Package:	Tube	△	U

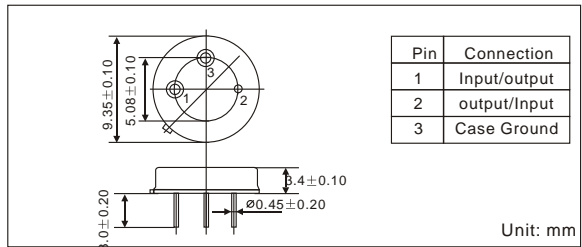
▲ Standard * Specifications Subject to Change Without Notice
 △ Optional: please specify required code when inquiring or ordering

PART NUMBER GUIDE

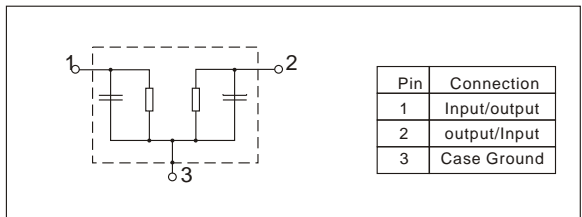
TGS	SFA	480	T	U
Mark	SAW Filter	Centre Freq.	Holder Type	Package

e.g. TGS SFA 480 T U

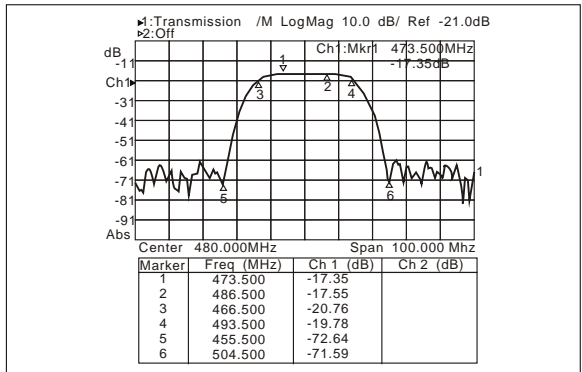
DIMENSIONS



EQUIVALENT LC MODEL



TYPICAL FREQUENCY RESPONSE



PACKAGE

- Standard package in Tube: 20pcs/Tube.

