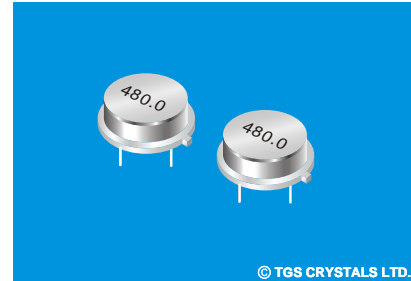


FEATURES

- The SFC480-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	SF	SF
Centre Frequency(fc) :	480.000MHz	▲	480.000	
Pass bandwidth(B _{3dB}): a _{rel} ≤3dB:	17.8MHz	▲		
Relative attenuation(a _{rel}):	471.0MHz: 5.4dB Max. 489.0MHz:5.4dB Max. Lower sideobe 430~461.0MHz:38dB Min. Upper sideobe 599~530MHz: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):	476.0~484.0MHz: 1.0dB Max.	▲		
Group delay (apertuer0.25MHz):	480.0MHz:281.0ns	▲		
Group delay ripple (p-p):	471.5~488.5MHz:18.0ns Max.	▲		
Temp. coefficient of frequency(TC _f):	-94ppm/K	▲		
AC Voltage Between Any Two Pins(V _{pp}):	5V	▲		
DC Voltage Between Any Two Pins(V _{dc}):	0V	▲		
Storage temperature Range(T _{stg}):	-40°C~+85°C	▲		
Operable Temp. Range(T _A):	-25°C~+80°C	▲		
Reference Temp.:	T _A =25°C	▲		
Terminating source impedance:	Z _s =50 Ω	▲		
Terminating load impedance:	Z _s =50 Ω	▲		
Holder Type:	TO-39	△	T	
Package:	Tube	△	U	

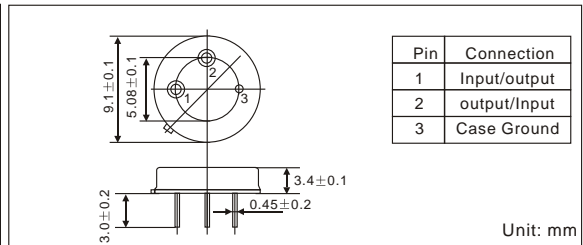
▲ Standard * Specifications Subject to Change Without Notice
△ Optional: please specify required code when inquiring or ordering

PART NUMBER GUIDE

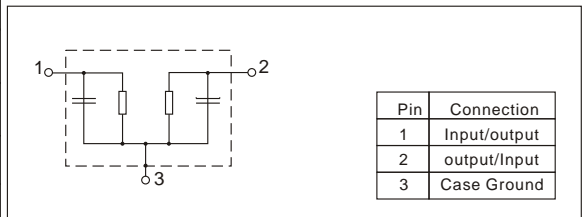
TGS	SFC	480	T	U
Mark	SAW Filter	Centre Freq.	Holder Type	Package

e.g. TGS SFC 480 T U

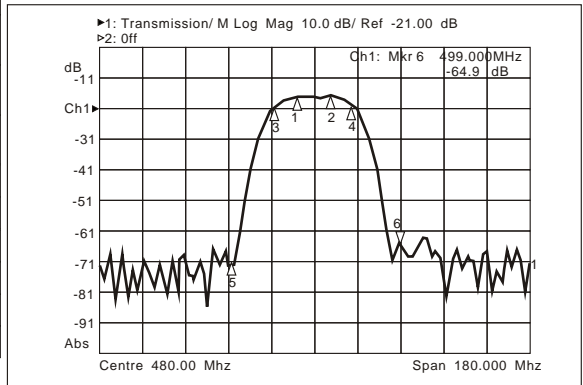
DIMENSIONS



TEST CIRCUIT



TYPICAL FREQUENCY RESPONSE



PACKAGE

- Standard package in Tube: 20pcs/Tube.

