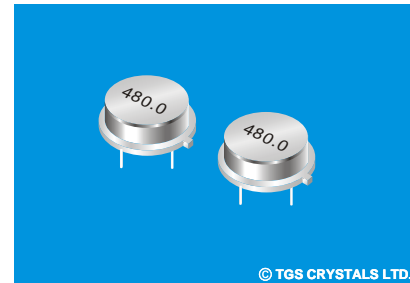


## FEATURES

- 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
Centre Frequency(fc) :	480.000MHz	▲ 480.000
Pass bandwidth(B <sub>3dB</sub> ): a <sub>rel</sub> ≤3dB:	17.8MHz	▲
Relative attenuation(a <sub>rel</sub> ):	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 <sub>f</sub> ):	-94ppm/K	▲
AC Voltage Between Any Two Pins(V <sub>pp</sub> ):	5V	▲
DC Voltage Between Any Two Pins(V <sub>dc</sub> ):	0V	▲
Storage temperature Range(T <sub>stg</sub> ):	-40°C~+85°C	▲
Operable Temp. Range(T <sub>A</sub> ):	-25°C~+80°C	▲
Reference Temp.:	T <sub>A</sub> =25°C	▲
Terminating source impedance:	Z <sub>s</sub> =50 Ω	▲
Terminating load impedance:	Z <sub>s</sub> =50 Ω	▲
Holder Type:	TO-39	△ T
Package:	Tube	△ U

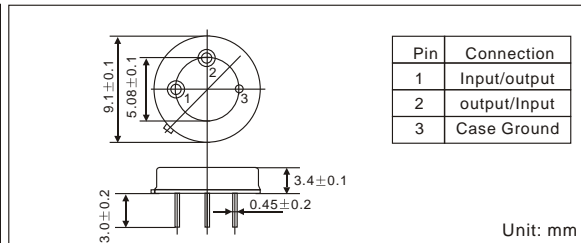
▲ Standard \* Specifications Subject to Change Without Notice  
△ Optional: please specify required code when inquiring or ordering

## PART NUMBER GUIDE

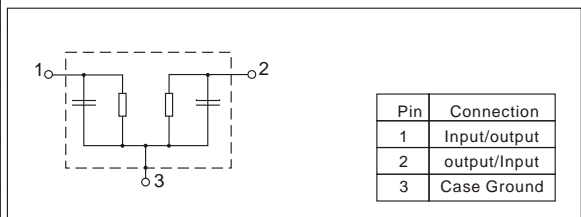
TGS	SFC	480	T	U
Mark	SAW Filter	Centre Freq.	Holder Type	Package

e.g. TGS SFC 480 T U

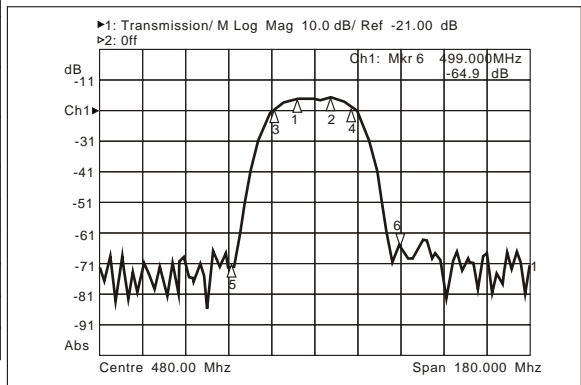
## DIMENSIONS



## TEST CIRCUIT



## TYPICAL FREQUENCY RESPONSE



## PACKAGE

- Standard package in Tube: 20pcs/Tube.