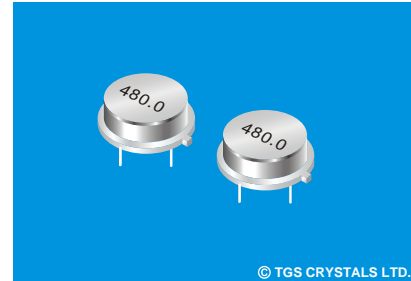


FEATURES

- IF filter for DSB receivers
- Constant group delay
- Improved ESD capability by integrated shunt resistors
- Optimized group delay time

APPLICATIONS

- Communication



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SPECIFICATION *

Parameters	Product	Option Code
	SF	SF
Centre Frequency(fc) :	480.000MHz	▲ 480.000
Pass bandwidth(B _{3dB}): a _{rel} ≤ 3dB: 27.6MHz Max	▲	
pass bandwidth(B _{10dB}): A _{rel} ≤ 10dB : 33.9MHz	▲	
Relative attenuation: 465.5MHz: 4.6dB Max. 493.5MHz: 4.6dB Max. Lower sideobe 430~455.5MHz: 40dB Min. Upper sideobe 504~530MHz: 38dB Min.	▲ ▲ ▲ ▲	
Operating Temp. Range:	-10℃~+60℃	▲
Storage Temp. Range:	-40℃~+85℃	▲
Reflected wave signal suppression: 0.1 μ s ~2.0 μ s after main pulse: 40dB Min.	▲	
Amplitude ripple (p-p): 473.5~486.5MHz: 0.5dB Max.	▲	
Group delay:	480.0MHz: 250.0ns	▲
Group delay ripple (p-p): 467.0~493MHz: 1.5ns Max.	▲	
Temp. coefficient of frequency: -86ppm/K	▲	
AC Voltage Between Any Two Pins :	5V	
DC Voltage Between Any Two Pins:	0V	▲
Storage temperature Range:	-40℃~+85℃	▲
Operable Temp. Range:	-25℃~+80℃	▲
Reference Temp.:	TA=25℃	▲
Terminating source impedance:	Z _s =50 Ω	▲
Terminating load impedance:	Z _s =50 Ω	▲
Group delay aperture:	0.25MHz	▲
Hold Type:	TO-39	△ T
Package:	Tube	△ U

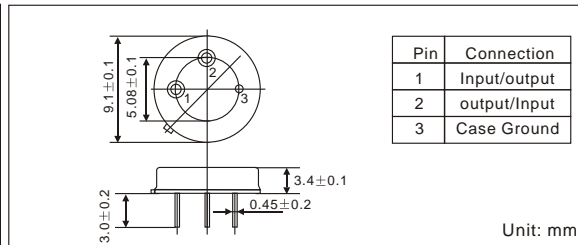
▲ Standard * Specifications Subject to Change Without Notice
△ Optional: please specify required code when inquiring or ordering

PART NUMBER GUIDE

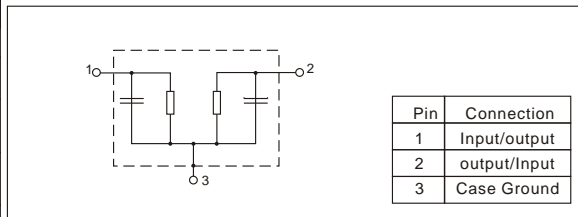
TGS	SF	480	T	U
Mark	SAW Filter	Centre Freq.	Holder Type	Package

e.g. TGS SF 480 T U

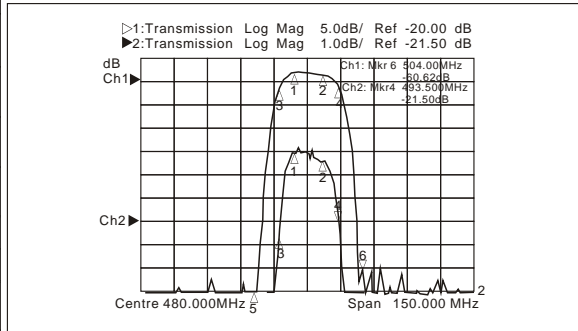
DIMENSIONS



TEST CIRCUIT



TYPICAL FREQUENCY RESPONSE



PACKAGE

- Standard package in Tube: 20pcs/Tube.

