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FEATURES

 The SR479.5-F is a true one-port, Surface-acoustic-wave(SAW) resonator in a low-profile, F-11 case. It provides reliable, fundamental-mide, quartz frequency stabilization of fixed-frequency LOS Operating at 479.5MHz

APPLICATIONS

Communication

SPECIFICATION *

	aramatara	Product	Option Code	
Parameters			SR	SR
Centre Frequ	uency(fc) :	479.500MHz	A	479.500
Frequency	Tolerance(∆fc):	\pm 150KHz \pm 200KHZ \pm 250KHZ	Δ Δ Δ	C D E
	Turnover Temp(Го): 54℃Max.	A	
Temp. Stability	Turnover Freque	A		
	Frequency Temp (FTC):	0. Coefficient 0.037 ppm/ 2	A	
Insertion Lo	oss(IL):	A		
Operating Te	mp. Range:	A		
Storage Tem		A		
Quality Factor	Unloaded Q(Qu):	12,800	A	
	50 Ω Loaded Q(C	(L): 2,000	A	
DC Insulation	n Resistance betw			
Pins:		A		
	Aging Absolute			
the First Ye	· ` ´	A		
	Motional Resista	A		
RF Equivalent RLC Model	Motional Inducta	88.7856 µ H	A	
		1.24085 fF	A	
	Shunt Static Ca (Co):	pacitance 1.75 pF	A	
CW Therefo	re Power Dissipa	A		
DC Voltage Between Any Two Pins:			A	
Case Temperature: -40°C~+85°C			A	
Holder Type: F-11			Δ	F
Package: Tube			Δ	U
4 0: 1 1	•			

▲ Standard ★ Specifications Subject to Change Without Notice

△ Optional: please specify required code when inquiring or ordering

NOTE

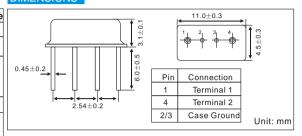
- 1: Electrostatic Sensitive Device. Observe precautions for handling
- 7. Electrostatic Certainto Service. Over the recent of the Internal of Internal of
- 3. The centre freq. Fc , is the freq. Of minimum IL with te resonator in te specified test fixture in a 50Ω test system with VSWR \leq 1.2:1. Typically, foscillator or ftransmiter is less than the resonator fc.
- Typically, equipment utilizing this device requires emissions testing and government approval. Which s the responsibility of the equipment manufacturer
 Unless noted otherwise , case temperature Tc=+25℃±2℃.
- 6.The design, manufacturing process, and specifications of this device are subject to change without notice.
- 7.Derived mathematically from one or more of the following directly measured parameters: f_c , IL, 3 dB bandwidth, f_c versus T_c , and C_o
- 8.Turnover temperature, To, is the temperature of maximum (or turnover) freq., fo, The nominal center freq. at any case temp. , To, may be calculated from :f= fo [1-FTC (To-Tc)²]. Typically, oscillator To is 20°C less than the specified resonator To.

PART NUMBER GUIDE

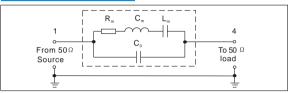
TGS	SR	479.5	С	F	U
Mark	SAW Resonators	Centre	Frequency	Holder	Package
	One-Port	Freq.	Tolerance	Type	

e.g. TGS SR 479.5 C F U

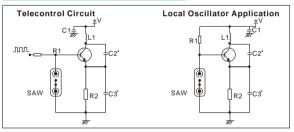
DIMENSIONS



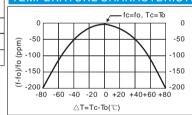
EQUIVALENT LC MODE



TYPICAL APPLICATION CIRCUIT

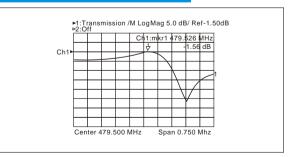


TEMPERATURE CHARACTERISTICS



The Cure shown above accounts for resonator contribution only and does not include oscillator temperature characteristics

TYPICAL FREQUENCY RESPONSE



PACKAGE

• Standard package in Tube: 20pcs/Tube.

