

Product Data

TSX - Series

Features

- Ultra miniaturised low profile
- Excellent shock-proof characteristics (10,000G min.)
- High reliable LCC package
- Available to surface mount technology and IR-reflow process
- Seam weld

Specifications

Holder	TSX-1A	TSX-5	TSX-8A	TSX-10
Frequency range	10.368 ~ 150 MHz	12.6 ~ 30 MHz		13 MHz, 16 MHz, 26 MHz
Mode of vibration	Fundamental, 3rd, 5th	Fundamental		
Frequency tolerance	±10 ppm (at +25 °C ±2 °C)			
Load capacitance (CL)	Series, 20 pF, 30 pF etc.			
Frequency stability	Refer to Diagram (1)			
Resonance resistance (Rr)	Fundamental: 40 Ω Max, 3rd: 50 Ω Max, 5th: 80 Ω Max			80 Ω Max
Drive level	100 μW Max			
Aging	±1.0 ppm Max/year			

TGX - Series

Features

- Ultra miniaturised low profile
- Excellent shock-proof characteristics (10,000G min.)
- High reliable LCC package
- Available to surface mount technology and IR-reflow process
- Glass sealed

Specifications

Holder	TGX-A1	TGX-A5
Frequency range	10.368 ~ 30 MHz, 40 ~ 60 MHz	10.368 MHz, 12.6 ~ 30 MHz
Mode of vibration	Fundamental, 3rd	Fundamental
Frequency tolerance	±10 ppm (at +25 °C ±2 °C)	
Load capacitance (CL)	Series, 20 pF, 30 pF etc.	
Frequency stability	Refer to Diagram (1)	
Resonance resistance (Rr)	Fundamental: 40 Ω Max, 3rd: 80 Ω Max	
Drive level	100 μW Max	
Aging	±1.0 ppm Max/year	