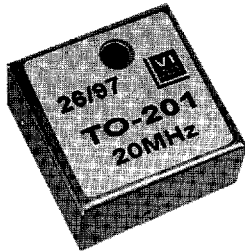


High Stability TCXOs

TO-200/210



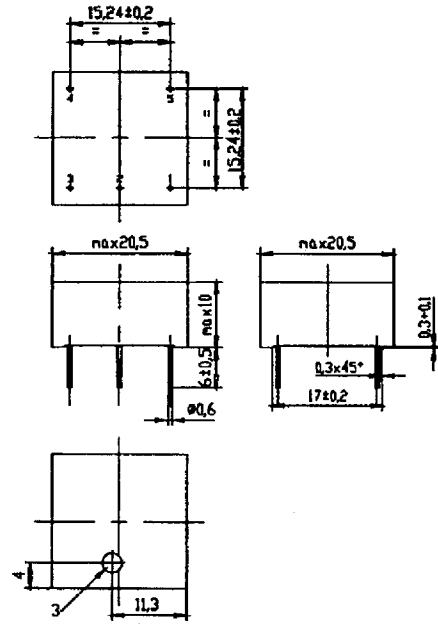
Features

TO-200

- Standard-TCXO series
- 10 to 35 MHz
- 5 V supply
- -20 to +70°C
- Sinewave output
- 20 x 20 x 10mm

TO-210

- Standard-TCXO series
- 3 kHz to 35 MHz
- 5 V supply
- -20 to +70°C
- HCMOS output
- 20 x 20 x 10mm



Note: Dimensions in mm

SPECIFICATIONS

Type:	TO-201/211	TO-202/212	TO-203/213	TO-205/215
Frequency range:	TO-200 Series = 10 to 35 MHz		TO-210 Series = 3 to 35 MHz	
Frequency stability vs. temp. -20°C. + 70°C:	<±1 ppm	<±2 ppm	<±3 ppm	<±5 ppm
Frequency stability vs. supply changes $U_s \pm 5\%$: vs. load changes $\pm 5\%$:	<±5x10 ⁻⁷ <±5x10 ⁻⁷			
Aging:	±2 ppm/year			
Frequency correction:	±5 ppm by internal trimmer			
Supply voltage U_s :	5 V ±5%			
Max. current consumption $f < 10$ MHz:	For TO-200 Series:		For TO-210 Series:	
	$f < 20$ MHz:		10 mA	
	$f > 20$ MHz:		15 mA	
Output voltage:	For TO-200 Series:		For TO-210 Series:	
	Sine		HCMOS; Low <0.4 V; High >4.0V	
	level min:	500mV _{pp}	2 TTL, 10 CMOS	
load:	560Ω	40% to 60%		
Temperature ranges				
Operating:	-20°C to +70°C			
Operable:	-25°C to +75°C			
Storage:	-55°C to +105°C			