

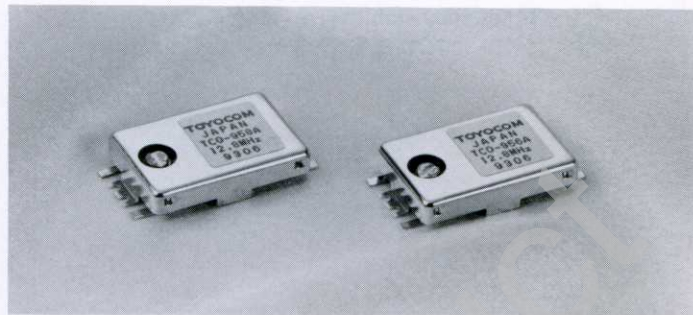
TCXO & VC-TCXO TCO-956, 957, 958, 959 Series

Applications

- Handheld portable radio
- Cellular mobile radio

Features

- High reliable miniaturized package 1cc
- Low power consumption
- Excellent frequency stability
- Surface mountable type (TCO-956A, 958A).



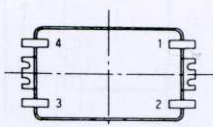
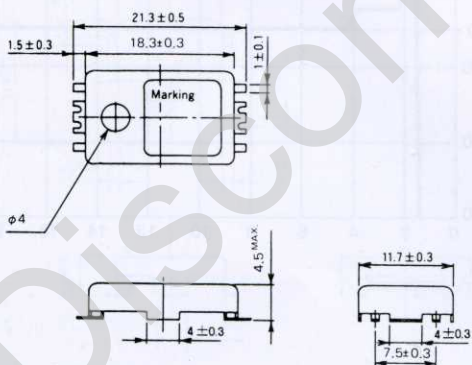
Specifications

Type	TCXO		VC-TCXO	
	TCO-956A	TCO-957A	TCO-958A	TCO-959A
Standard frequency	12.8 MHz, 13.0 MHz, 14.4 MHz, 15.36 MHz, 16.8 MHz, 19.44 MHz			
Frequency stability vs. Temperature vs. Supply voltage Aging	± 2.5 ppm/ -30 to $+75^\circ\text{C}$ (referred to 25°C) ± 0.3 ppm/ $+5\text{V} \pm 5\%$ ± 1 ppm/year			
Output	1.0 Vp-p min. (clipped sinewave, DC-cut) 10 k Ω /10 pF			
Frequency adjustment	± 3 ppm min. by internal trimmer			
Supply voltage	$+5\text{V} \pm 5\%$			
Supply current	2 mA max.			
Frequency control range Frequency control voltage			± 5 ppm min. $+2.5\text{V} \pm 2\text{V}$	
Frequency available range	12 to 20 MHz		12 to 20 MHz	
Test circuit	Fig-1		Fig-2	

Outline drawing

Size in mm

TCO-956A, 958A

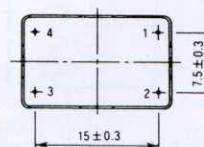
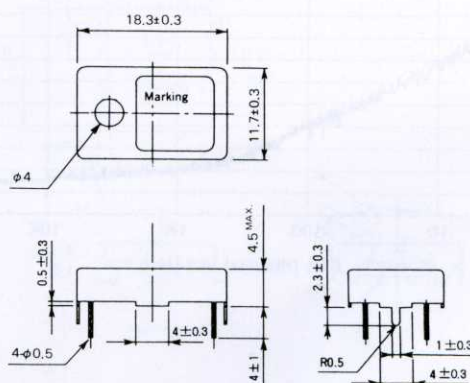


Pin connections

1	Common and case	
2	Output	
3	$+V_{CC}$	
4	NC	Control voltage
	TCO-956A	TCO-958A

(Pin's number not stamped on unit)

TCO-957A, 959A



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	TCO-957A	TCO-959A