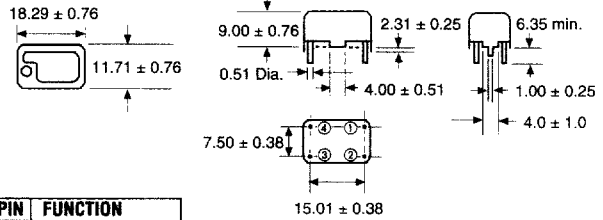


TV2178



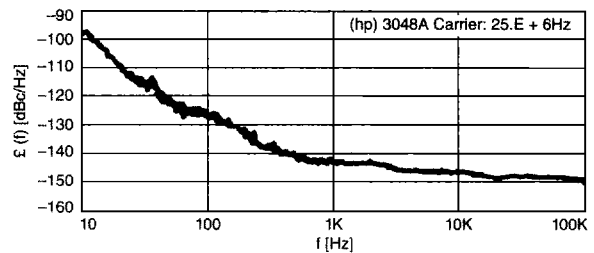
PIN	FUNCTION
1	Common and Case
2	Output
3	+Vcc
4	+Vc Input

Dimensions: mm

SPECIFICATIONS

MODEL	TV2178
Features	High Stability
Frequency Range	5.0MHz to 155MHz
Input Voltage and Current	+5.0VDC, ±5% @ 2mA max.
Output Types	Clipped Sine Wave, Sine Wave, CMOS
Load	1KΩ // 10pF
Frequency Adj.	Mechanical; 5 Yr. Range min.
Electronic Freq. Control:	2.5V ±2V,
Control Voltage and Deviation	±6ppm min.
Frequency Stability	vs. Temperature ±1ppm, -40°C to +85°C
	vs. Supply Voltage ±0.08ppm, (+5.0VDC, ±5%)
Aging	±1.0ppm/1 Yr., ±5ppm/10 Yr.
Package	11.71 x 18.30 x 9.00

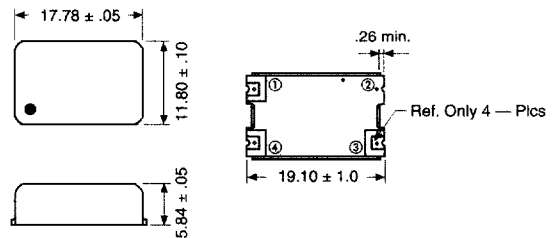
TYPICAL PHASE NOISE (TV2178)



SURFACE MOUNT CRYSTAL OSCILLATORS



TC2268



PIN	FUNCTION
1	N/C
2	Ground
3	Output Signal
4	Supply Voltage

Dimensions: mm

SPECIFICATIONS

MODEL	TC2268
Features	High stability
Frequency Range	5MHz to 155MHz
*Frequency Stability vs. Temperature Range	±1ppm -40°C to +85°C
Input Voltage and Current	+5VDC, ±5% @ 2mA max.
Output Types	Clipped Sine Wave, Sine Wave, CMOS
Load	1KΩ//10pF
Aging Rate	±1ppm/Yr., ±5ppm/10Yrs.
Frequency Adjustment	TC2268 No Mech.
Package	TC2268AN - 11.80 x 17.78 x 5.84
Environmental	TC2268 IR reflow capable

*Other temperature ranges and stabilities available.

TYPICAL PHASE NOISE (TV2178)

