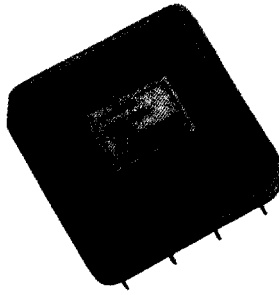


# OSCILLATORS ENHANCED OSCILLATORS—SURFACE MOUNT PACKAGE OCXO LOW PROFILE CRYSTAL OSCILLATORS



**NEW**



**OC3545**

Indicates PIN 1  
Murata Part No. OC3545AH-1500  
Date Code (Location, Month and Year) SX  
Serial No. SN

OC3545AH-1500  
15.000000 MHz  
Freq.  
Serial No.

12.7 max.  
1.9 0.5

2.7  
Ref. Only—9 Plcs

25.4 19.0 3.2 19.0 12.7 6.4 25.4

PIN	CONNECTIONS
1	RF Output
2	N/C
4	GND
6	N/C
7	EFC
13	Rev. Volt Output
15	N/C
17	N/C
19	+5 Volt Supply

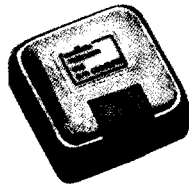
**Dimensions: mm**

## SPECIFICATIONS

MODEL	OC3545	
Features	"AT" or "SC cut crystal Low profile, surface mount	
Frequency Range	4.8MHz to 40MHz	
Input Voltage	12 Volts/5 Volts/3.3	
Output Type	Sine Wave/CMOS	
Electronic Freq. Control	±1.0ppm	
*Temperature Stability	20ppb@ -30°C to +70°C	10ppb @ 0°C to 50°C
Aging	.15ppm/Yr.	

\*Other temperature ranges and stabilities available.

## HIGH STABILITY CRYSTAL OSCILLATORS



**TC2110**

15.24 max.  
7.4  
25.4 17.78  
0.76 Dia.—4 Plcs

OUT  
B+  
GND  
GND

Freq. Adj. Access Top Surface  
Ref. Only—4 Plcs

17.78 25.4

**Dimensions: mm**

## SPECIFICATIONS

MODEL	TC2110	
Features	High stability	
Frequency Range	5MHz to 30MHz	
Frequency Stability vs. Temperature Range	±1ppm -40°C to +85°C	
Input Voltage and Current	+5VDC @ 20mA max.	
Output Types	Clipped Sine Wave, Sine Wave, CMOS	
Aging Rate	±1ppm/Yr.	
Frequency Adjustment	Mechanical; 10 Yr. Range min.	
Package	25.40 X 25.40 X 15.24mm	

## TYPICAL PHASE NOISE (TC2110)

