

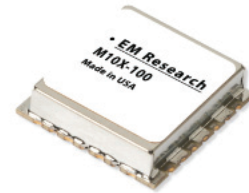
M10X Series

PRODUCT SERIES OVERVIEW

Surface-Mount, x10 Frequency Multiplier
10 MHz (Input), 100 MHz (Output)

FEATURES

- 10 MHz Input to 100 MHz Output (x10 Multiplication)
- Small, Surface-Mount Package (0.9" square)



Custom Designs Available

SPECIFICATIONS

Frequency Input..... 10 MHz
Frequency Output..... 100 MHz
Conversion Gain..... 0 dB
RF Input Level up to +10 dBm
RF Output Level up to +10 dBm
Harmonics <-20 dBc
Spurs <-50 dBc
Supply Options +3.3, +5 VDC
Current..... ≤150 mA

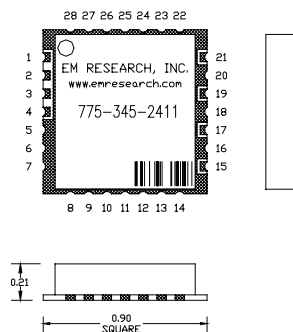
Package Size..... 0.9" x 0.9" x 0.21"
..... (22.9 x 22.9 x 5.3)mm

Temperature Ranges (Operating)

Standard..... -20°C to +60°C
Other Available Ranges..... -30°C to +70°C
..... -40°C to +85°C

Note: All specifications are typical unless otherwise specified and subject to change without notice. Not all performance parameters are available in combination with certain specifications. E.G. Not all power output levels are available at all frequency ranges.

PACKAGE OUTLINE



- Notes:
1. All dimensions are in inches unless otherwise specified.
 2. Diagrams and pictures shown are examples only.

M10X Series_SMT_Product Overview Datasheet, Rev A, 6.14.12

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