

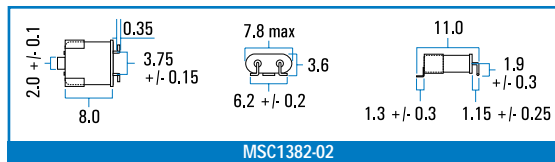
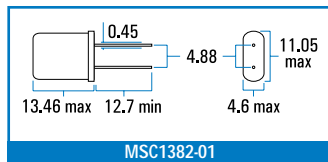
MONITOR PRODUCTS COMPANY INC



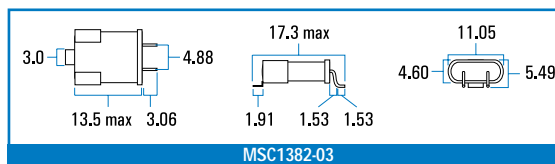
MSC Series Crystals for VCXO Applications

MSC1382-01 M MSC1382-02
MSC1382-03

SPECIFICATIONS	MSC 1382-01	MSC 1382-02	MSC 1382-03
Holder (see below)	MM-49	SM-80	MM49+SMD bracket
Frequency	20.48 MHz		
Element	AT Fundamental		
Correlation	24 pF		
Drive Level	0.1 μ W		
Operating Temp Range	-40°C ~ 85°C		
Freq Stability over Temp	\pm 20 ppm		
Freq Tolerance @ 25°C	\pm 15 ppm		
Resistance	20 Ω max		
Electrical Requirements			Frequency Changes
	Load Capacity	15.0 ~ 45.0 pF	
	Pullability	360 ppm min	



Units=mm



Monitor Products Company Inc reserves the right to make changes to its products and product specifications without notice. No liability is assumed as a result of their use or application. [09-15-99]

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MONITOR PRODUCTS COMPANY INC
A BOWTHORPE company
Designers and manufacturers of quality frequency control devices since 1927

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