

# FEATURES

- HIGH RELIABILITY FOR LOW COST
- LOW PROFILE - 2.0 MM MAX. PACKAGE HEIGHT
- MS2 FEATURES GLASS-TO-METAL SUBSTRATE AND RESISTANCE WELDED METAL LID
- MS2 WAS DEVELOPED FOR REQUIREMENTS FOR LOW FREQUENCY AND LOW PROFILE
- HIGH SHOCK RESISTANCE AND LOW G-SENSIVITY

SERIES		MS2		
PACKAGE DIMENSIONS		SEE OUTLINE DRAWING		
FREQUENCY		3.2 ~ 30.0 MHz	24.0 ~ 48.0 MHz	27.0 ~ 70.0 MHz
MODE OF VIBRATION		AT-FUNDAMENTAL	BT-FUNDAMENTAL	3rd OVERTONE
RESONANCE RESISTANCE		300 ~ 40 Ω MAX.	40 Ω MAX.	150 ~ 80 Ω MAX.
FREQUENCY TOLERANCE AT 25°C		+30 PPM ~ +50 PPM		
TEMPERATURE RANGE		0/+50°C ~ -20/+70°C		
TEMPERATURE STABILITY	+30 PPM	0/+50°C / -10/+60°C / 0/+70°C		
	+50 PPM	0/+50°C / -10/+60°C / 0/+70°C / -20/+70°C		
LOAD CAPACITANCE		8 ~ 32 PF OR SERIES		
SHUNT CAPACITANCE		7 PF MAX.		
DRIVE LEVEL		500 μW MAX.		
AGING		+3 PPM PER YEAR MAX.		
INSULATION RESISTANCE		>500 MΩ DC/100V +-10%		
STORAGE TEMPERATURE		-40/+85°C		
DELIVERY FORM		TAPE AND REEL (1.000 PCS PER REEL)		

OTHER PARAMETERS ARE AVAILABLE ON REQUEST / CREATE HERE YOUR SPECIFICATION

## PART NUMBERING SYSTEM

EXAMPLE	MS2 4.000 MHz 30/50/-20+70/20pF
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SERIES	MS2
FREQUENCY	IN MHZ
FREQUENCY TOLERANCE AT 25°C	REQUIRED VALUE
TEMPERATURE STABILITY	REQUIRED VALUE
TEMPERATURE RANGE	REQUIRED VALUE
LOAD CAPACITANCE	REQUIRED VALUE

## OUTLINE DRAWING OF MS2

