

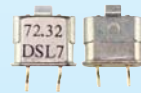
PRODUKT-INFO

UM-1/MJ HIGH PRECISION SMD CRYSTAL

FEATURES

1. UM-1/MJ is UM-1 lead-bent gull wing type with metal jacket for easy surface mounting.
2. Wide frequency range.
3. Tight tolerance and stability over temperature.
4. Miniature and compact.

Actual Size



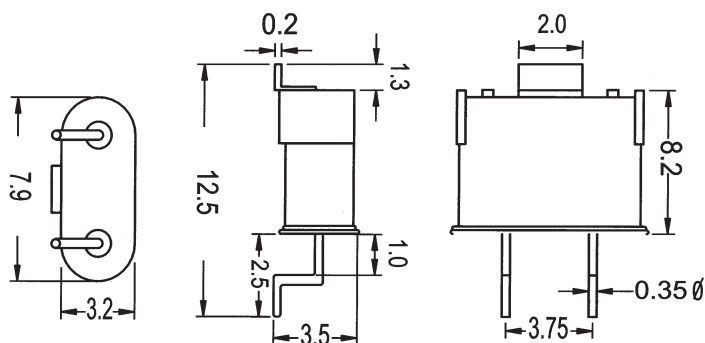
APPLICATION

Ideal for telecommunications such as pagers (beepers), hand-held radios.

ELECTRICAL SPECIFICATIONS	
Model	UM-1/MJ
Frequency Range	1.0 MHz ~ 1.2 MHz 4.0 MHz ~ 200.0 MHz
Crystal Cut	SL-cut AT-cut
Load Capacitance (C _L)	8 pF ~ 32 pF, Series (Customer Spec.)
Drive Level	100 μW (500 μW max.)
Frequency Tolerance (at +25°C)	±50 ppm ±3 ppm/±5 ppm/ ±10 ppm/±20 ppm/±30 ppm
Equivalent Series Resistance	25 Ω ~ 5000 Ω max.
Frequency Stability	±100 ppm ±5 ppm / ±10 ppm / ±15 ppm / ±20 ppm / ±25 ppm / ±30 ppm / ±50 ppm / ±100 ppm
Operating Temperature Range	-10°C to +60°C, -20°C to +70°C, -40°C to +85°C option
Storage Temperature Range	-50°C to +105°C
Aging (at +25°C) first year	±3 ppm / year max.

Dimensions (Units: mm)

Package: UM-1/MJ



7.9 x 3.5 x 8.2/12.5

*Crystals...
and more*

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All specifications subject to change without notice.