



6 x 3.5mm SMD, 4 pad and 2 pad

8MHz to 125MHz

FEATURES

- Miniature size: 6.0mm x 3.5mm height
- Tight tolerances available
- High shock and vibration resistance
- Ideal for PDAs, GPS, PCMCIA and hand-held equipment





DESCRIPTION

Miniature surface mount MF crystals incorporate a ceramic substrate and hermetically-sealed metal lid. The combination of compact size and low mass with a high-specification crystal make MF crystals ideal for high density applications as well as hand-held and communications equipment.

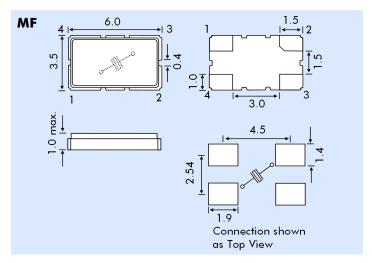
SPECIFICATION

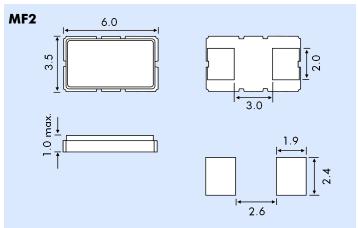
8.0MHz to 50.0MHz
30.0MHz to 125.0MHz
from ±5ppm
$(\pm 10, \pm 20 \text{ or } \pm 30 \text{ppm standard})$
from ±5ppm
from ±10ppm
from ±15ppm
from ±20ppm
-55°∼+105°C
See table
2pF to 4pF typical, 7pF maximum
Series or from 8pF to 32pF
(Customer specified CL)
<±3ppm per year at +25°C
100 μW maximum
10s maximum, 260°C twice
or 180s at 230°C, once.
Ceramic base, metal lid,
Hermetic seal
16mm EIA tape and reel
1000 pieces per reel

EQUIVALENT SERIES RESISTANCE

Frequency Range MHz	Crystal Cut/ Mode	ESR Ohms Max.
10.0 ~ 12.0	AT Fund.	80
12.1 ~ 16.0	AT Fund.	60
16.1 ~ 50.0	AT Fund.	40
30.0 ~ 40.0	AT 3rd OT	100
40.1 ~ 50.0	AT 3rd OT	80
50.1 ~ 125	AT 3rd OT	50

OUTLINE & DIMENSIONS





PART NUMBER GENERATION

