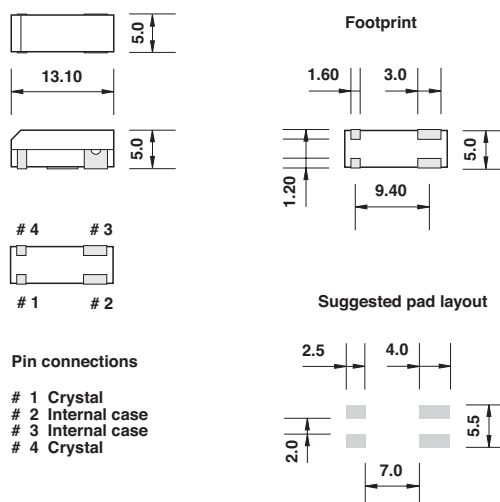


**MG3A smd crystal
(3.579 ~ 90.0)MHz**

- encapsulated cold weld package
- AT and BT cut
- automotive reliability
- standard and custom frequencies
- RoHS compliant

Dimensions

Electrical specification

case style	MG3A: (13.1 x 5.0)mm, height 5.0mm
frequency range	(3.579 ~ 40.0)MHz fundamental, (30.0 ~ 90.0)MHz third overtone
adjustment tolerance	±50ppm at +25°C, standard
temperature tolerance	±50ppm as standard
operating temperature	(-10 +60)°C
storage temperature	(-40 +85)°C as standard
load	customer specified
shunt capacitance C_0	7.0pF max.
drive level	100µW max.
Q factor	80,000 typical
ageing	±5ppm first year max.
insulation resistance	500Meg. ohm min. at+100Vd.c.

Ordering information

EXAMPLE	MG3A crystal, 8.00MHz, load 20pF, ±50ppm at +25°C, ±50ppm(-10 +60)°C
TFC PART NUMBER	MG3A 8.00M H
MG3A	crystal series: MG3A
8.00M	frequency: 8.00M = 8.00MHz, frequency range from (3.579 ~ 90.0)MHz
H	load capacitance: H = 20pF
OPTIONS	
load capacitance	C: 10pF, D: 12pF, E: 15pF, F: 16pF, G: 18pF, H: 20pF, J: 32pF, S: series