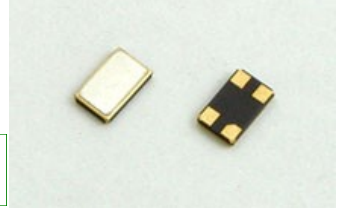


## MINIATURE CERAMIC SMD CRYSTAL (4.0 x 2.5 x 0.75mm)

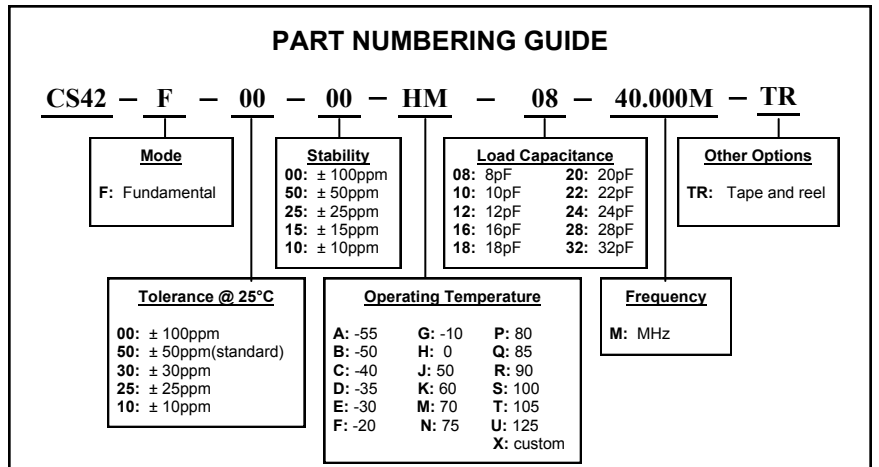
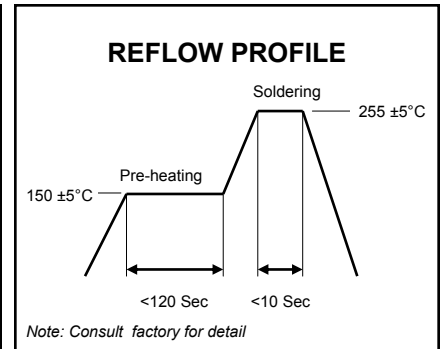
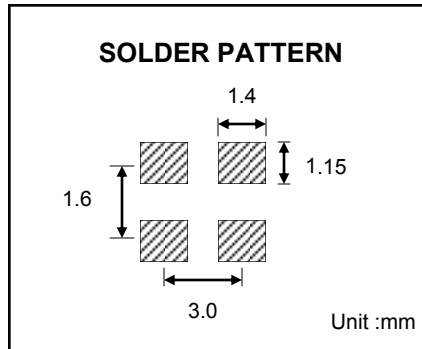
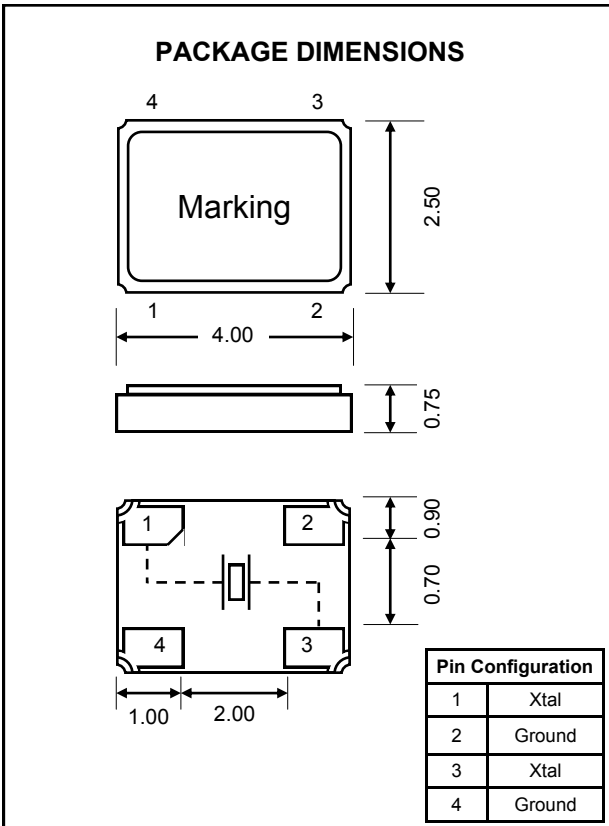
### FEATURES:

- WIDE FREQUENCY RANGE
- LOW COST SMD PACKAGE
- LOW PROFILE / SUITABLE FOR REFLOW

RoHS  
Compliant



MODEL	CS42
FREQUENCY RANGE	12.000MHz ~ 50.000MHz
FREQUENCY TOLERANCE	± 30ppm (see below for other options)
TEMPERATURE STABILITY	± 50ppm (see below for other options)
OPERATING TEMPERATURE	STD: 0°C to 70°C (see below for other options)
STORAGE TEMPERATURE	-40°C to 85°C
SHUNT CAPACITANCE	7.0pF max
LOAD CAPACITANCE	STD: 12pF, (see below for other options)
DRIVE LEVEL	100uW max.
AGING	± 5.0ppm / year @ 25°C ± 3°C
INSULATION RESISTANCE	500MΩ min. at 100VDC ± 15VDC
OPERATION MODE	Fundamental
ESR	12.000MHz ~ 13.999MHz: 80Ω max. 14.000MHz ~ 16.999MHz: 60Ω max. 17.000MHz ~ 20.999MHz: 50Ω max. 21.000MHz ~ 50.000MHz: 40Ω max.



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