



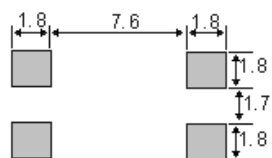
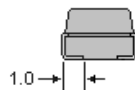
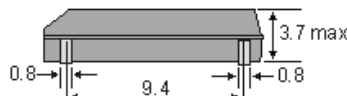
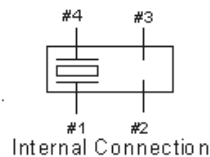
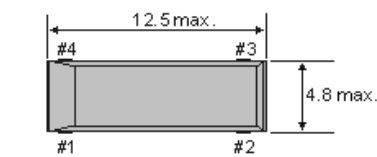
## CM309S



### Quartz Crystal Unit CM309S

- Standard Quartz Crystal SMD with 4 pads
- Plastic Package
- on Tape & Reel
- RoHS conform; Lead-free product
- Available in many standard and special frequencies

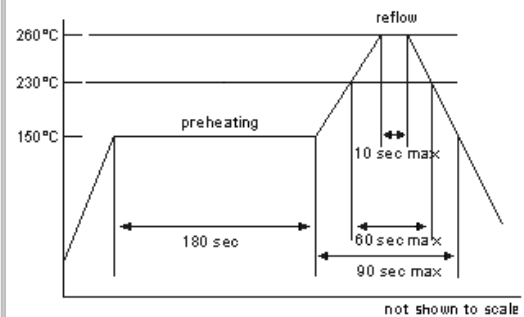
### External Dimensions



Recommended soldering pattern



### Soldering Conditions



### Specifications - Product No. A007680000DFEPN00DB

Holder Type:	CM309S with 4 pads
Frequency:	7.680000 MHz
Frequency Stability at 25°C:	± 30 ppm
Temperature Stability:	± 50ppm @ -20°C to +70°C
Storage Temperature:	-55°C to +125°C
Drive Level:	100µW max.
Load Capacitance (CL):	30 pF
Shunt Capacitance (CO):	< 7pF
Crystal Cut & Vibration Mode:	AT- cut, fundamental
Equivalent Series Resistance:	100 Ohm max.
Aging:	< ± 5ppm max. / year (max.)

### GERMANY:

COMTEC CRYSTALS GmbH · Sultenstrasse 12-14  
 8 5 5 8 6 P o i n g / G E R M A N Y  
 Phone +49 8121 778160 · Fax +49 8121 778177  
 e-Mail [info@comtec-crystals.com](mailto:info@comtec-crystals.com)  
 Internet: <http://www.comtec-crystals.com>  
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### FRANCE:

COMTEC CRYSTALS SARL · 23, rue du Faucon  
 6 7 5 0 0 H a g u e n a u / F R A N C E  
 Phone +33 388 732162 · Fax +33 388 730118  
 e-Mail [sales@comtec-crystals.com](mailto:sales@comtec-crystals.com)  
 Internet: <http://www.comtec-crystals.com>  
 Sous réserve de modifications.