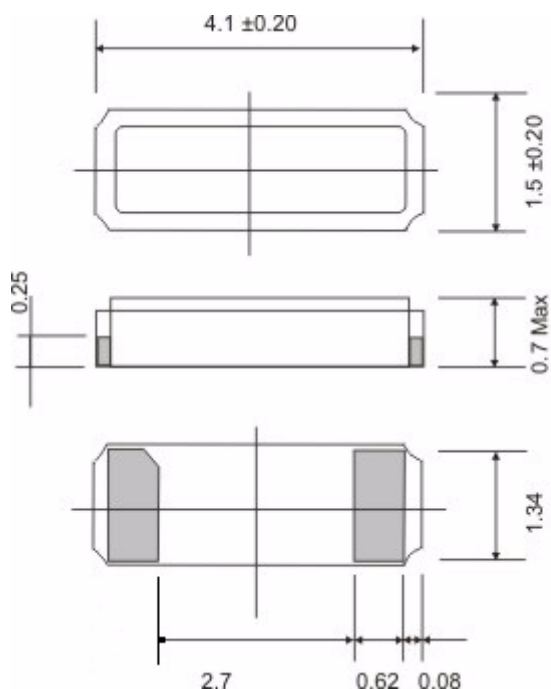




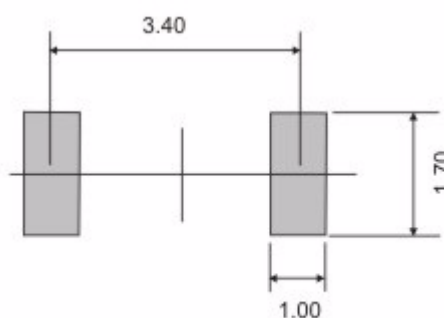
SPECIFICATION CONTROL DRAWING Crystal Resonator

FREQUENCY

32.768000kHz



Recommended
Solder Pad Layout



Holder Style	CM415
Mode	Fundamental
Adjustment Tolerance	± 20PPM at 25°C
Temperature Stability	± .0034 PPM
Operating Temp. Range	-40°C to +85°C
Load Capacitance	12.5 pF
ESR	50000 Ohm
Drive Level	1.0uW Max mW
Static Capacitance (C0)	0.65pF Typ pF
Dynamic Capacitance (C1)	2.0fF Typ fF
C0/C1 Ratio	325 Typ
Q Factor	60000 Typ
Ageing	+/-5ppm 1st Year Max
Marking	STD - DAxxxX (xxx = Lot Number)

Amdt Date	Change Note	AEL Code	
13 FEB 07	Marking Amended	X32K768S021	
18 JUN 10		Issue Ref	C