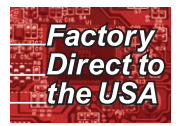


Surface Mount Crystal

•S2SM (2.0 x 1.6 x 0.5 mm)



Electrical Specifications

SMD Crystal S2SM		S2SM
PARAMETER	CONDITION	
CERAMIC SMD		
FREQUENCY RANGE	FUNDAMENTAL	20 MHz to 60 MHz *
DIMENSIONS		2.0 X 1.6 X 0.5 MM
LOAD CAPACITANCE (CL)		6 TO 32 pF & SERIES
STATIC CAPACITANCE (Co)		3 pF MAX
EQUIVALENT SERIES RESISTANCE (ESR)		SEE TABLE 1 BELOW
MODE		FUNDAMENTAL
DRIVE LEVEL		10 μW typ., 100 μW MAX
FREQ. TOLERANCE AT +25C	STANDARD	+/-30 PPM
	OPTIONAL	+/-10 PPM to +/-100 PPM
STABILITY VS. TEMP.	STANDARD	+/-30 PPM
	OPTIONAL	+/-10 PPM to +/-100 PPM
OPERATING TEMP. RANGE	STANDARD	-20°C to +70°C
	OPTIONAL	SEE TABLE 2 BELOW
STORAGE TEMP. RANGE		-40°C to +85°C
AGING	FIRST YEAR	5 PPM
HERMETIC SEALED		YES, SEAL SEALED
INSULATION RESISTANCE		500 MΩ Min
SOLDER PADS	QTY:	4
DLD TESTED	RLD, DLD, FLD	YES, 100%
RoHS STATUS		FULLY COMPLIANT
LEGACY P/N		CX-2SM

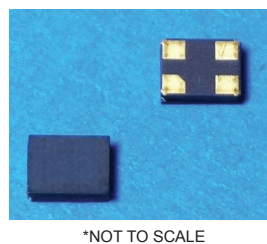
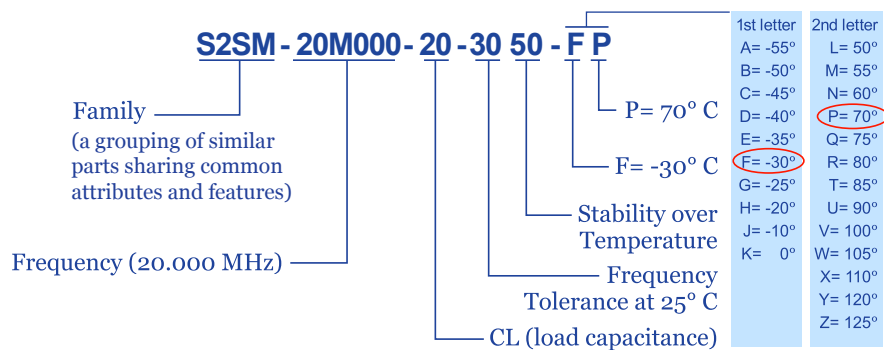
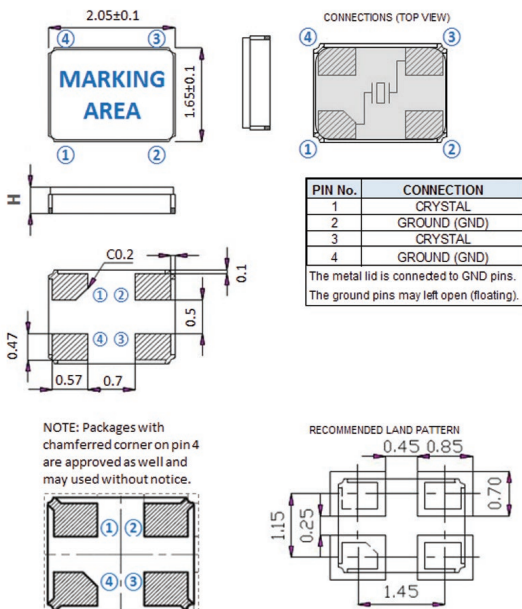
FREQUENCY RANGE	MAX ESR	MODE
20.000 MHz to 29.999 MHz	100 Ohms	Fundamental
30.000 MHz to 60.000 MHz	80 Ohms	Fundamental

POPULAR TEMPERATURE RANGES
-10°C / +60°C
-20°C / +70°C
-40°C / +85°C
OTHER TEMPERATURE RANGES AVAILABLE - CONSULT FACTORY

NOTES: _____

Dimensions (Unit:mm)

*NKG Crystal Part Example Key



Contact
www.nkg-usa.com/contactnkg