

SERIES R2016



- HIGH ACCURACY

FEATURES

EXCELLENT FOR HIGH DENSITY SURFACE MOUNTING

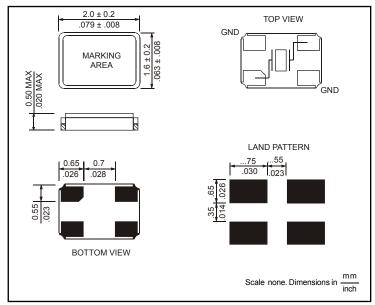
SPECIFICATIONS

PARAMETER	VALUE					
FREQUENCY RANGE	20.00 MHz TO 80.00 MHz (FUNDAMENTAL)					
FREQUENCY TOLERANCE AT 25°C	±50 PPM MAXIMUM					
PREQUENCY TOLERANCE AT 25 C	(±10 PPM, ±20 PPM AND ±30 PPM**)					
FREQUENCY STABILITY OVER	±50 PPM MAXIMUM					
TEMPERATURE	(±10 PPM, ±20 PPM AND ±30 PPM**)					
OPERATING TEMPERATURE RANGE	-10°C TO +60°C, (-40°C TO +85°C**)					
STORAGE TEMPERATURE RANGE	-40°C TO +85°C					
EQUIVALENT SERIES RESISTANCE	SEE TABLE 1					
LOAD CAPACITANCE	8pF, 10pF, 12pF TO 22pF					
SHUNT CAPACITANCE	5.0 pF MAXIMUM					
DRIVE LEVEL	100 μW MAX					
SHOCK DESISTANCE	±5 PPM MAXIMUM 75 cm DROP TEST IN					
SHOCK RESISTANCE	3 AXES ON TO A HARD SURFACE					
REFLOW CONDITIONS	260°C FOR 10s MAXIMUM					

^{**} Available in some cases (FREQUENCY DEPENDENT).

TABLE 1								
FREQUENCY (MHz)	MODE	MAXMUM ESR (OHMS)						
20.00 TO 39.9	FUND	180						
40.00 TO 80.00	FUND	60						

OUTLINE DRAWING



PACKAGING

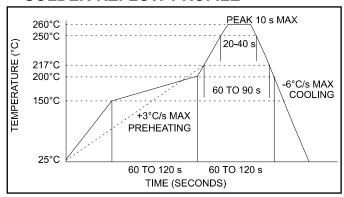
178 mm REEL DIAMETER 8 mm TAPE WIDTH, 4 mm PITCH QUANTITY: 1000 PIECES PER REEL

PART NUMBERING SYSTEM

HOLDER TYPE		FREQUENCY		LOAD CAPACITANCE		TOLERANCE / STABILITY		OPTION	
R2016	-	IN MHz	-	10 TO 22 pF FOR PARALLEL	-	±10/±10 : 1010 ±20/±20 : 2020 ±30/±30 : 3030	-	TR	TAPE AND REEL

PART NUMBER EXAMPLE: R2016-40.000-10-2050-TR

SOLDER REFLOW PROFILE



CARRIER TAPE DIMENSIONS

