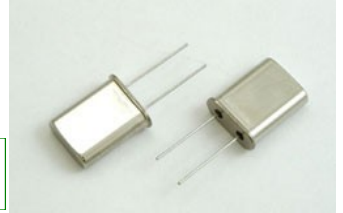


STANDARD THROUGH HOLE CRYSTAL (10.5 x 4.0 x 14.0mm)

FEATURES:

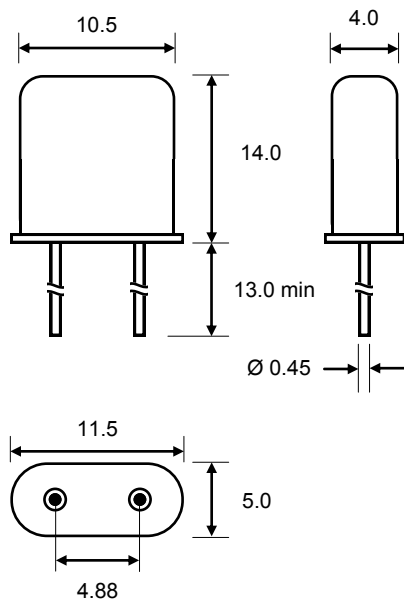
- WIDE FREQUENCY RANGE
- INDUSTRY STANDARD PACKAGE
- SHORTEST LEAD TIME / LOW COST

RoHS
Compliant



FREQUENCY RANGE	1.800 MHz ~ 160.000 MHz			
FREQUENCY TOLERANCE	±1.0ppm ~ ±100ppm @ 25°C (see below for other options)			
FREQUENCY STABILITY	±5.0ppm ~ ±100ppm (see below for other options)			
OPERATING TEMPERATURE	STD: 0°C to 70°C, (see below for other options)			
STORAGE TEMPERATURE	-55°C to 125°C			
LOAD CAPCITANCE	Series to 32pF (see below part numbering guide)			
SHUNT CAPACITANCE	7pF max			
INSULATION RESISTANCE	500M Ω min. @ 100VDC			
DRIVE LEVEL	100uW typical, 500uW max.			
AGING @ 25°C	±3,0ppm typical, ±5.0ppm max / year			
FREQUENCY RANGE / ESR ()	1.842MHz ~ 1.999MHz	350Ω max. (Fundamental)	6.000MHz ~ 7.999MHz	50Ω max. (Fundamental)
	2.000MHz ~ 2.999MHz	300Ω max. (Fundamental)	8.000MHz ~ 12.999MHz	35Ω max. (Fundamental)
	3.000MHz ~ 3.499MHz	250Ω max. (Fundamental)	13.000MHz ~ 32.000MHz	25Ω max. (Fundamental)
	3.500MHz ~ 3.999MHz	150Ω max. (Fundamental)	24.000MHz ~ 29.000MHz	60Ω max. (3rd overtone)
	4.000MHz ~ 4.999MHz	100Ω max. (Fundamental)	30.000MHz ~ 79.999MHz	40Ω max. (3rd overtone)
	5.000MHz ~ 5.999MHz	80Ω max. (Fundamental)	80.000MHz ~ 160.000MHz	50Ω max. (3rd overtone)

PACKAGE DIMENSIONS



Unit : mm

PART NUMBERING GUIDE

