



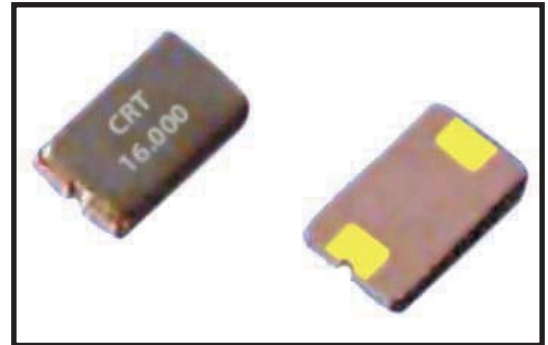
QUARTZ CRYSTAL - HC6H SERIES

Glass Sealed Ceramic 8 X 4.5mm

Surface Mount Package

FEATURES

- Leadless type
- Rugged AT-cut crystal construction.
- Automatic mounting
- Suitable for solder reflow
- 1000pcs/reel



ELECTRICAL SPECIFICATIONS

Nominal frequency	8.000MHz to 80MHz
Operating temperature	-10 to 60°C (Standard) <i>optional:</i> -20 to 70°C , -40 to 85°C
Storage temperature	-55 to 125°C
Frequency tolerance	±10ppm ~ ±50ppm
Frequency Stability over operating temperature range	±30ppm -10 to 60°C ±50ppm -20 to +70°C
Load Capacitance	16pF,20pF,30pF,32pF ,Series, or specify
Equivalent series resistance (ESR)	See Table
Shunt capacitance(Co)	5pF Max
Drive Level	10μW
Aging @25°C 1st year (max)	±3ppm, ±5ppm/year

ESR and OPERATING MODE

Frequency Range MHz	E.S.R (Ω Max)	Mode
8.000~10.000	70	Fundamental AT
10.000~40.000	40	Fundamental AT
30.000~45.000	60	Third Overtone/AT
45.000~80.000	50	Third Overtone/AT

Mechanical Characteristics

Resistance to shock:	Drop test 3 times on 2mm stainless plate at 75cm height
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