



Quartz Crystal ordering information *

<p>1. Crystal package</p> <p>HC49U / T HC49US / 2 / 3 HC6U / 33 / 48 / 51U UM1 / 5 38 / 26 / 15 Cylindrical</p> <p>IL3 IL3S IL3C IL3M IL3R IL3X IL3Y IL3Z ILCX01 to ILCX19 HC49USM Series HC49USM4 / 6 / 8 / 9</p>		<p>2. Frequency tolerance @ 25°C</p> <p>A ±100 ppm B ±50 ppm C ±45 ppm D ±40 ppm E ±35 ppm F ±30 ppm G ±25 ppm H ±20 ppm I ±15 ppm J ±10 ppm K ±5 ppm</p>		<p>3. Frequency stability over temperature</p> <p>A ±100 ppm B ±50 ppm C ±45 ppm D ±40 ppm E ±35 ppm F ±30 ppm G ±25 ppm H ±20 ppm I ±15 ppm J ±10 ppm K ±5 ppm</p>			
<p>4. Operating temperature range</p> <p>1 0°C to +70°C 2 -10°C to +60°C 3 -20°C to +70°C 4 -40°C to +75°C 5 -40°C to +85°C 6 -40°C to +90°C 7 -30°C to +80°C 8 0°C to +85°C 9 -10°C to +50°C 0 0°C to +50°C A -30°C to +70°C B 0°C to +60°C C -30°C to +60°C</p>		<p>5. Operation mode</p> <p>F Fundamental 3 3rd Overtone 5 5th Overtone 7 7th Overtone 9 9th Overtone</p>		<p>6. Options</p> <p>L Third Lead = 12.7mm M Third Lead = 21.5mm I Insulator Tab V Vinyl Sleeve T Tape and Reel G Gull wing / SMD</p>		<p>7. Load capacitance</p> <p>S Series 6 6 pF 10 10 pF 12 12 pF 18 18 pF 20 20 pF 22 22 pF 30 30 pF 32 32 pF 50 50 pF</p> <p>Other * pF (Specify)</p>	

* Tables presented on this page do not apply to oscillator products.

Part Number Guide		Sample Part Number: HC49USM - FB1F18 - 20.000				
Package	Frequency Tolerance	Frequency Stability	Operating Temp.	Mode	Load Capacitance	Frequency
HC49USM -	F = ±30 ppm	B = ±50 ppm	1 = 0° C to +70° C	F = Fundamental	18 = 18 pF	- 20.000 MHz