

PRODUKT-INFO

CPX-53GA • CPX-53GB CPX-53GC • CPX-53GD SMD CRYSTAL

FEATURES

1. Reflow solderable.
2. CPX-53GB and CPX-53GC: low temperature glass sealed ceramic SMD package.
3. CPX-53GA and CPX-53GD: seam sealing.
4. Wide frequency range.
5. Industry standard.
6. Excellent heat- and shock resistance.

APPLICATION

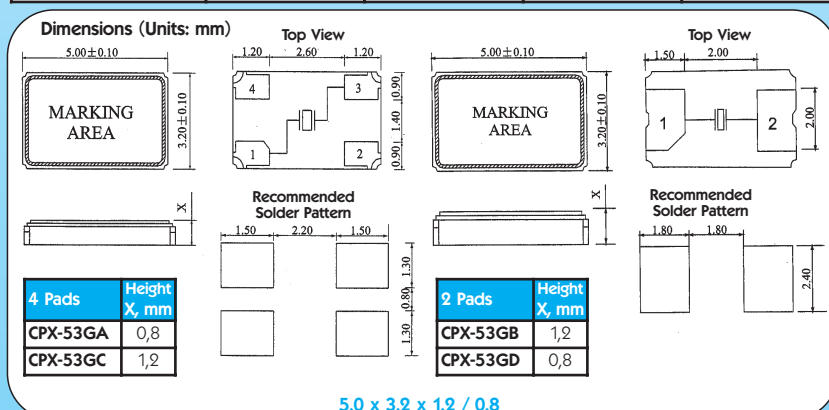
Suitable for bluetooth, cordless phone, facsimile.



Actual Size



ELECTRICAL SPECIFICATIONS				
Model	CPX-53GA	CPX-53GB	CPX-53GC	CPX-53GD
Frequency Range	10.0 MHz ~ 80.000 MHz			
Frequency Tolerance (at +25°C)	±10 / ±30 / ±50 ppm	±30 / ±50 / ±100 ppm	±30 / ±50 / ±100 ppm	±10 / ±30 / ±50 ppm
Operating Temperature Range	-20°C to +70°C, -40°C to +85°C option			
Frequency Stability	±10 / ±30 / ±50 ppm	±30 / ±50 / ±100 ppm	±30 / ±50 / ±100 ppm	±10 / ±30 / ±50 ppm
Equivalent Series Resistance	10.0 MHz ~ 19.999 MHz 80 Ω max 20.0 MHz ~ 29.999 MHz 70 Ω max 30.0 MHz ~ 47.999 MHz 50 Ω max 48.0 MHz ~ 80.000 MHz 70 Ω max			
Load Capacitance (C _L)	8 pF ~ Series			
Oscillation Mode	10.0 MHz ~ 47.999 MHz : Fundamental 48.0 MHz ~ 80.000 MHz: 3rd Overtone			
Storage Temperature Range	-40°C to +85°C			
Shunt Capacitance	7 pF max.			
Insulator Resistance	500 MΩ min. at 100VDC			
Drive Level	100 μw (300 μw max.)			
Aging (at +25°C) first year	2 ppm / year max.	5 ppm / year max.	5 ppm / year max.	2 ppm / year max.



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All specifications subject to change without notice.