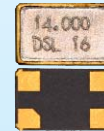


PRODUKT-INFO

CPX-11 SMD CRYSTAL

FEATURES

1. Ultra-thin and small type surface mounting quartz crystal.
2. A highly reliable seam welding sealing is adopted to assure high realization and reflow soldering is possible.
3. Automatic mounting is enabled by emboss taping.



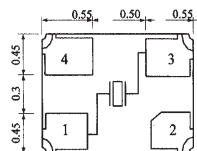
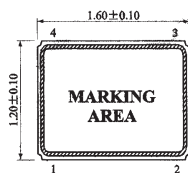
Actual Size

APPLICATION

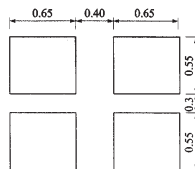
Cellphones, Bluetooth, Wireless LAN, etc.

ELECTRICAL SPECIFICATIONS	
Model	CPX-11
Frequency Range	26.0 MHz ~ 54.0 MHz
Oscillation Mode	Fundamental
Shunt Capacitance	3 pF
Load Capacitance (C_L)	8 pF to 12 pF (Customer Spec.)
Drive Level	50 μW (100 μW max.)
Frequency Tolerance (at +25°C)	±10 ppm / ±30 ppm / ±50 ppm
Equivalent Series Resistance	26.0 MHz ~ 29.999 MHz: 150 Ω max. 30.0 MHz ~ 54.000 MHz: 100 Ω max.
Insulator Resistance (Custom Specified)	500 MΩ min. at 100VDC
Temperature Stability (at +25°C)	±10 ppm / ±30 ppm / ±50 ppm
Operating Temperature Range	-20°C to +70°C, -40°C to +85°C option
Storage Temperature Range	-40°C to +85°C
Aging (at +25°C) first year	±2 ppm / year max.

Dimensions (Units: mm)



Recommended Solder Pattern



1.6 x 1.2 x 0.40

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and more*

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All specifications subject to change without notice.