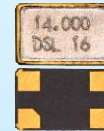


# PRODUKT-INFO

## 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.



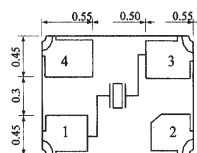
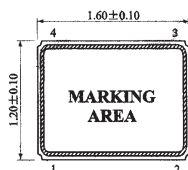
Actual Size

### APPLICATION

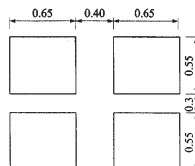
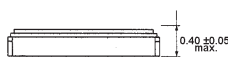
Cellphones, Bluetooth, Wireless LAN, etc.

ELECTRICAL SPECIFICATIONS	
<b>Model</b>	<b>CPX-11</b>
<b>Frequency Range</b>	26.0 MHz ~ 54.0 MHz
<b>Oscillation Mode</b>	Fundamental
<b>Shunt Capacitance</b>	3 pF
<b>Load Capacitance (C<sub>L</sub>)</b>	8 pF to 12 pF (Customer Spec.)
<b>Drive Level</b>	50 μW (100 μW max.)
<b>Frequency Tolerance (at +25°C)</b>	±10 ppm / ±30 ppm / ±50 ppm
<b>Equivalent Series Resistance</b>	26.0 MHz ~ 29.999 MHz: 150 Ω max. 30.0 MHz ~ 54.000 MHz: 100 Ω max.
<b>Insulator Resistance (Custom Specified)</b>	500 MΩ min. at 100VDC
<b>Temperature Stability (at +25°C)</b>	±10 ppm / ±30 ppm / ±50 ppm
<b>Operating Temperature Range</b>	-20°C to +70°C, -40°C to +85°C option
<b>Storage Temperature Range</b>	-40°C to +85°C
<b>Aging (at +25°C) first year</b>	±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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COMPLIANT  
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All specifications subject to change without notice.