

DXW21BN2511N#

“#” indicates a package specification code.

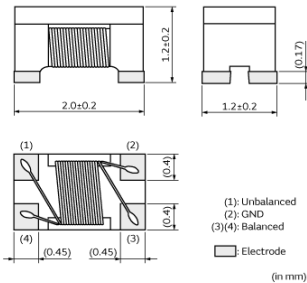
In Production

RoHS

REACH

< List of part numbers with package codes >
DXW21BN2511NL DXW21BN2511NK DXW21BN2511NB

Appearance & Shape



Features

1. Ultra Miniature Wire Wound Transformer
(2.0×1.2×1.2mm)
2. Low Insertion Loss
3. Wideband Frequency Range
4. Surface Mount

Applications
TV tuners, Cable TV tuners and Communication application that require unbalance mode to balance mode conversion.

Applications

| | |
|-------------|-------------|
| Other Usage | For general |
|-------------|-------------|

Packaging Information

| Packaging | Specifications | Minimum Order Quantity |
|-----------|---------------------|------------------------|
| L | 180mm Embossed Tape | 2000 |
| K | 330mm Embossed Tape | 10000 |
| B | Bulk(Bag) | 500 |

Attention
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Specifications

| | | | |
|-----------------------------|----------------------------|-----------------------------|--------|
| Operating Temperature Range | -40°C to 85°C | Insulation Resistance(min.) | 10MΩ |
| Frequency Range | 13.56MHz | Mass(typ.) | 0.011g |
| Insertion Loss | 1.0dB max.(at Freq. Range) | | |
| Size Code (in mm) | 2012 | | |
| Size Code (in inch) | 0805 | | |
| Length | 2mm | | |
| Length Tolerance | ±0.2mm | | |
| Width | 1.2mm | | |
| Width Tolerance | ±0.2mm | | |
| Thickness | 1.2mm | | |
| Thickness Tolerance | ±0.2mm | | |
| Rated Voltage | 20Vdc | | |
| Withstanding Voltage | 50Vdc | | |
| Rated Current | 250mA | | |
| Port Impedance | 25Ω - 25Ω | | |
| CMRR(min.) | 40dB | | |
| DC Resistance(max.) | 0.5Ω | | |

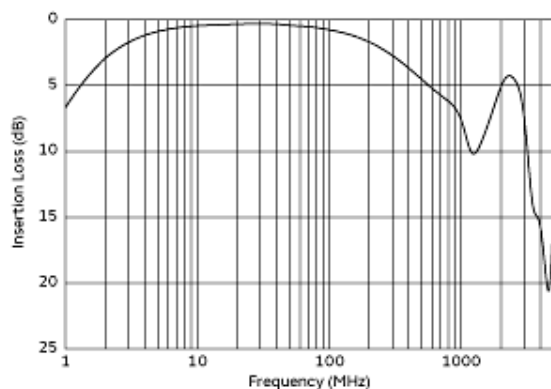
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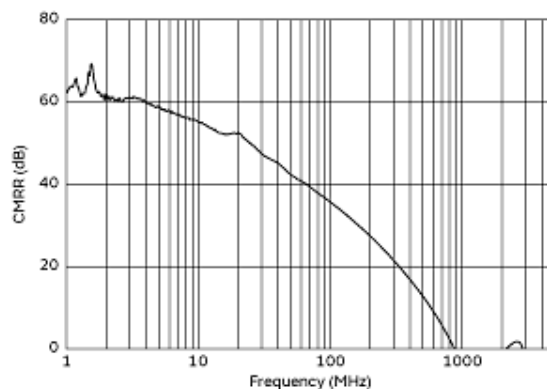
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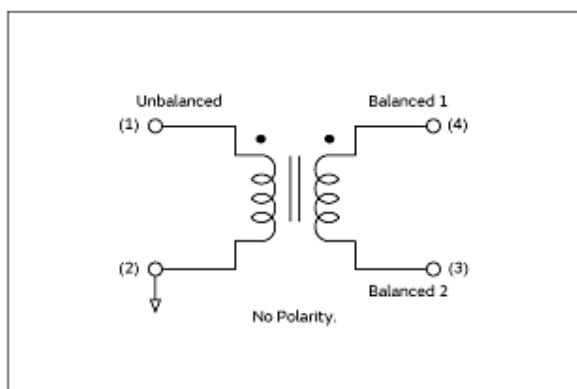
Product Data



Insertion Loss Characteristics



CMRR Characteristics



Equivalent Circuit

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