

DXP18CN7515T#

“#” at the end indicates the package specification code.

Discontinued

RoHS

REACH

< List of part numbers with package codes >

DXP18CN7515TB

DXP18CN7515TL

Applications

| | |
|--------------------------|--|
| Unsuitable Applications | Please be sure to read and comply with these "Precautions for use." |
| Specific Applications | <p>Consumer equipment, Medical equipment [GHTF A/B/C] except for implant & surgery & auto injector, Industrial equipment except for transportation & facility & energy equipment</p> <p>Please refer to Our Website and specifications, etc. for information about the performance, functions, quality, management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual Product.</p> |
| Recommended Applications | Consumer equipment |

Packaging Information

| Packaging | Specifications | Standard Packing Quantity |
|-----------|---------------------|---------------------------|
| B | Bulk(Bag) | 500 |
| L | 180mm Embossed Tape | 5000 |

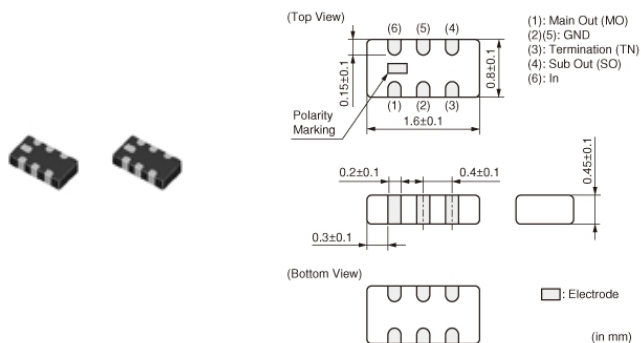
Features

1. Ultra Miniature coupler of film type (1.6x0.8x0.45mm)
2. Low Insertion Loss and high Isolation characteristics in wide band frequency range
3. High density mount is possible by SMD type

Applications

1. Set Top Box for CATV
2. FM-VICS

Appearance & Shape



Attention

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2. This datasheet has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

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Specifications

| | |
|-----------------------------|----------------------------|
| Operating Temperature Range | -40°C to 85°C |
| Frequency Range | 50MHz to 870MHz |
| Insertion Loss | 1.5dB max.(at Freq. Range) |
| Isolation(min.) | 20dB(at Freq. Range) |
| Size Code (in mm) | 1608 |
| Size Code (in inch) | 0603 |
| Length | 1.6mm |
| Length Tolerance | ±0.1mm |
| Width | 0.8mm |
| Width Tolerance | ±0.1mm |
| Thickness | 0.45mm |
| Thickness Tolerance | ±0.1mm |
| Power Rating | 20dBm |
| Port Impedance | 75Ω ALL |
| Coupling Loss(typ.) | 15dB |
| Mass(typ.) | 0.003g |

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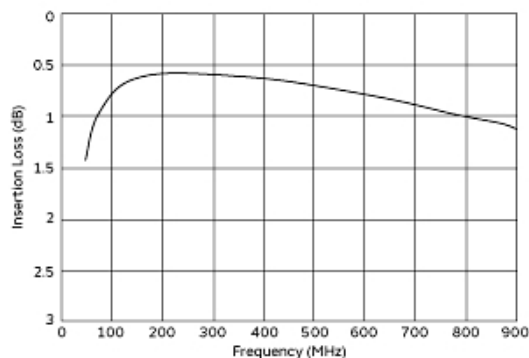
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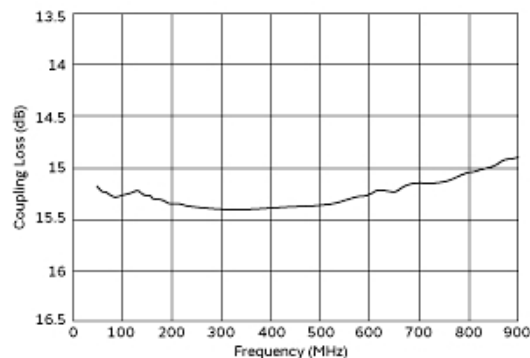
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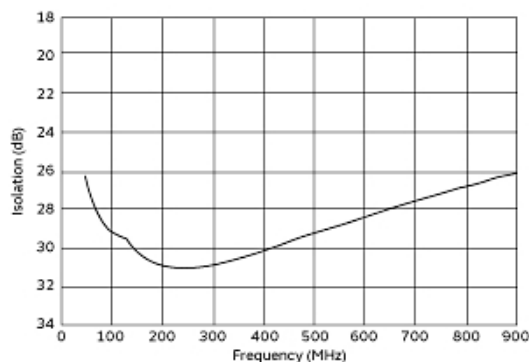
Product Data



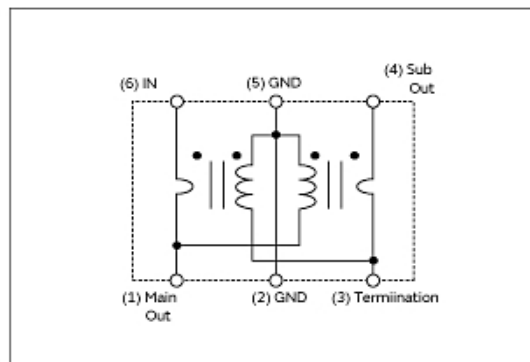
Insertion Loss Characteristics



Coupling Loss Characteristics



Isolation Characteristics



Equivalent Circuit

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