

Product Name

Diplexer

Series

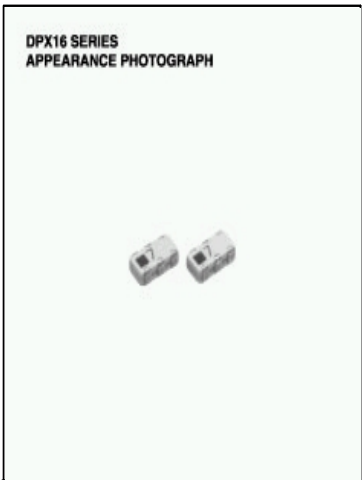
DPX16 Series

Part Number

DPX165900DT-8025A1

Product Lifecycle Stage

PROD



| Specification | | |
|----------------------------------|---------------|------------|
| Mounting Method Flag | Yes | |
| Application Scope | Communication | |
| Application System | W-LAN | |
| Function | Diplexer | |
| Center Frequency 1 | Nom | 2450 M Hz |
| Pass Bandwidth 1 | Nom | 100 M Hz |
| Area of Insertion Loss 1 | Max | 0.6 dB |
| Center Frequency 2 | Nom | 5500 M Hz |
| Pass Bandwidth 2 | Nom | 800 M Hz |
| Area of Insertion Loss 2 | Max | 1.4 dB |
| Area of VSWR | Max | 2.3 |
| Attenuation 1 | Min | 18 dB |
| Frequency Range of Attenuation 1 | Min | 4800 M Hz |
| | Max | 5000 M Hz |
| Attenuation 2 | Min | 18 dB |
| Frequency Range of Attenuation 2 | Min | 7200 M Hz |
| | Max | 7500 M Hz |
| Attenuation 3 | Min | 20 dB |
| Frequency Range of Attenuation 3 | Min | 1800 M Hz |
| | Max | 2500 M Hz |
| Attenuation 4 | Min | 20 dB |
| Freq Range of Attenuation 4 | Min | 3700 M Hz |
| | Max | 3900 M Hz |
| Attenuation 5 | Min | 10 dB |
| Frequency Range of Attenuation 5 | Min | 9800 M Hz |
| | Max | 11900 M Hz |
| Input Matching Impedance | Nom | 50 Ohm |
| Output Matching Impedance | Nom | 50 Ohm |
| Soldering Method | Reflow | |
| Body Length(L) | Nom | 1.6 m m |
| Body Breadth(W) | Nom | 0.8 m m |
| Body Height(T) | Nom | 0.6 m m |
| Operating Temperature Range | Min | -40 Cel |
| | Max | 85 Cel |
| Storage Temperature Range | Min | -40 Cel |
| | Max | 85 Cel |
| Weight | Nom | 0.004 g |

Summary/Applications/Features

Summary

A diplexer function is always used in a dual band mobile phone.It works as the splitter which separates combined signals at the antenna port.

Applications

Mobile Phone, Wireless LAN

Features

Compact, High performance

Packaging

Packing

Punched (Paper)Taping
[180mm Reel]

Minumum Package Qty


Nom


4000 Pcs


Minimum Order Qty

Nom


4000 Pcs

Details

Catalog Info.

 [Caution]

Specifications which provide more details for the proper and safe use of the described product are available upon request.

 [Notice of Revision and Improve]

All specifications are subject to change without notice.