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RF Components

Band Pass Filters

Part Number : **DEA202450BT-2038A1**

Product Name : **Multilayer Bandpass Filter**

TDK Series Name : **DEA20-B Series**

Application : **2.4GHz Wirelees LAN, Bluetooth**

Function : **Compact,High Performance**

Description :

BPF passes the necessary frequency band(signal) and rejects except for it.

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**DEA20-B
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Property Name	Property Description
Product Lifecycle Stage	Production
Part Number Replacement	<i>No Data Available.</i>
Lead (Pb) Free	Yes
Surface Mount	Yes
Application Scope	Communication
Filter Classification	LCR filter
Application System	W-LAN, Bluetooth
Mode Type	Single mode
Center Frequency	Nom 2450 MHz
Pass Bandwidth	Nom 100 MHz
Insertion Loss Area	Max 2.6 dB
Input Matching Impedance	Nom <i>No Data Available.</i>
Output Matching Impedance	Nom <i>No Data Available.</i>
Return Loss	Min 10 dB
Attenuation 1	Min 40 dB
Frequency Range of Attenuation 1	Min 880 MHz Max 960 MHz

Attenuation 2	Min 40 dB
Frequency Range of Attenuation 2	Min 1710 MHz
	Max 1990 MHz
Attenuation 3	Min 40 dB
Frequency Range of Attenuation 3	Min 2110 MHz
	Max 2170 MHz
Attenuation 4	Min 30 dB
Frequency Range of Attenuation 4	Min 4800 MHz
	Max 5000 MHz
Attenuation 5	Min 30 dB
Frequency Range of Attenuation 5	Min 7200 MHz
	Max 7500 MHz
S Parameter	No
Soldering Method	Reflow
Body Length (L)	Nom 2 mm
Body Breadth (W)	Nom 1.25 mm
Body Height (T)	Nom 0.95 mm
Body Height (T)	Max <i>No Data Available.</i>
Category Temperature Range	Min -40 Cel
	Max 85 Cel
Storage Temperature Range	Min -40 Cel
	Max 85 Cel
Packing	Blister (Plastic)Taping [180mm Reel]
Minimum Package Qty	Nom 2000 Pcs
Minimum Order Qty	Nom 2000 Pcs
Weight	Nom 0.008 g
Disclaimer: This information is to be used for reference purposes only and is subject to change by TDK without notice. It reflects an overview of the product characteristics/performance for the particular part number. For product specification information, please refer to TDK's general product specification. Please note that this standard part is not designed or warranted to meet any specifications of any intermediate or end user different from or in addition to the specifications set fort in TDK's general product specification. Note also that this standard part has not been specially designed or manufactured for, nor is it intended or warranted for use in , or permitted to be resold for, specialized applications such as aviation, medical, and/or governmental/military applications (collectively, "Excluded Applications").	