

DLW5BTZ142TQ2#

“#” indicates a package specification code.

In Production

RoHS

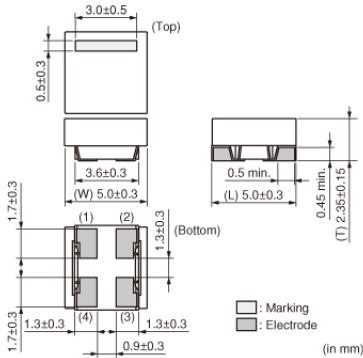
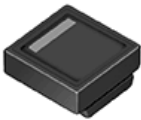
REACH

AEC-Q200

< List of part numbers with package codes >

DLW5BTZ142TQ2K DLW5BTZ142TQ2L DLW5BTZ142TQ2B

Appearance & Shape



Features

Features

1. Low profile (h=2.5mm)
2. Small size (5.0x5.0mm) and high rated current (1.5 to 4A)
3. High common mode Impedance (max. 1400 ohm, at 100MHz)
4. Operating Temperature Range -40°C to +105°C

Applications

Automotive Usage	Infotainment
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Packaging Information

Packaging	Specifications	Minimum Order Quantity
K	330mm Embossed Tape	2500
L	180mm Embossed Tape	700
B	Bulk(Bag)	100

Attention

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Specifications

Shape	SMD	DC Resistance	0.056Ω max.
Size Code (in mm)	5050	Insulation Resistance(min.)	10MΩ
Size Code (in inch)	2020	Operating Temperature Range	-40°C to 105°C
Length	5.0mm	Mass(typ.)	0.21g
Length Tolerance	±0.3mm	Number of Circuit	1
Width	5.0mm	Operating Temperature Range(Self-temperature rise is included)	No
Width Tolerance	±0.3mm		
Thickness	2.35mm		
Thickness Tolerance	±0.15mm		
Common Mode Impedance (at 100MHz)	1400Ω		
Common Mode Impedance (at 100MHz) Tolerance	(Typ.)		
Common Mode Impedance (at 10MHz)	100Ω		
Common Mode Impedance (at 10MHz) Tolerance	min.		
Rated Current	1.5A		
Rated Voltage	50Vdc		
Withstanding Voltage	125Vdc		
DC Resistance(max.)	0.056Ω		

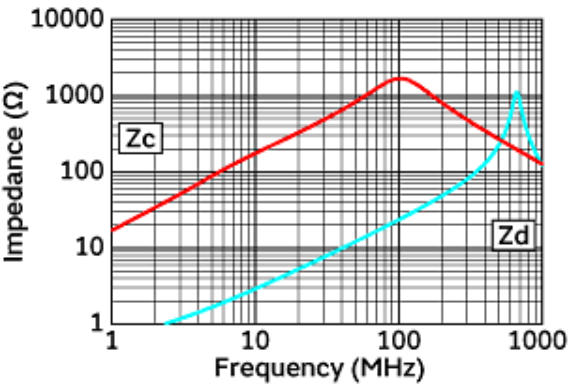
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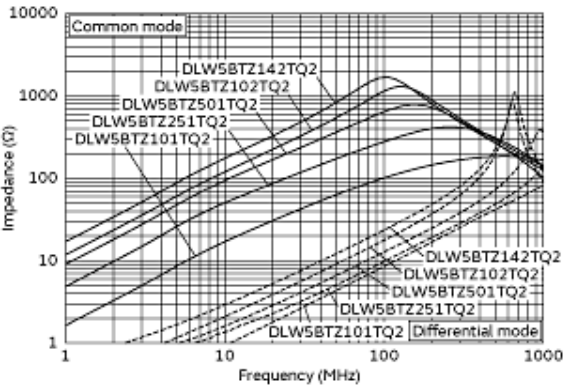
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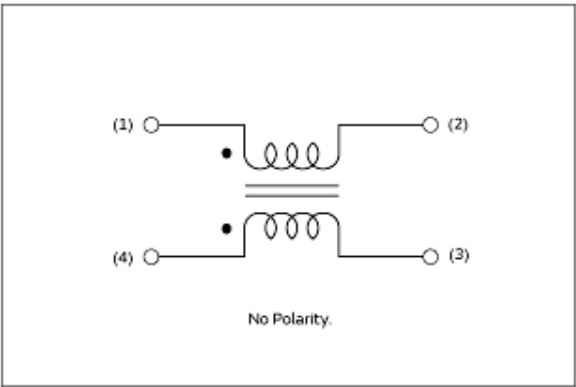
Product Data



Impedance-Frequency Characteristics



Impedance-Frequency Characteristics
(Main Items)



Equivalent Circuit

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