

Product Name Common Mode Filters for automobile signal line
Series ACT Series
Type 1210 Type
Part Number ACT1210-510-2P-TL00

Product Lifecycle Stage PROD
 Based on the Standard or law AEC-Q200

Specification	
Mounting Method Flag	Yes
Shape	Chip
AC/DC Classification	DC
Number of Circuits	Nom 2
Size Code	3225
Body Length(L)	Nom 3.2 m m
Body Breadth(W)	Nom 2.5 m m
Body Height(T)	Nom 2.5 m m
Common Mode Impedance	Min 1000 Ohm
	Typ 2600 Ohm
Frequency of Common Mode Impedance	Nom 10 M Hz
Inductance	Nom 51 micro H
Inductance Tolerance	Min -30 %
	Max 50 %
Frequency of Inductance	Nom 100 k Hz
Rated Voltage	Max 80 V
Rated Current	Max 200 m A
Insulation Resistance	Min 10 M Ohm
DC Resistance	Max 0.7 Ohm
Soldering Method	Reflow, Iron Soldering
Operating Temperature Range	Min -55 Cel
	Max 150 Cel
Storage Temperature Range	Min -55 Cel
	Max 150 Cel
Weight	Nom 0.075 g

Summary/Applications/Features

Summary This is a chip-type common mode filter for CAN-BUS and FlexRay system.

Applications CAN-BUS, FlexRay system

Features Compact products (3225 size), whose characteristics are equivalent to that of conventional products (ACT45B, ACT45R). Common mode filters for CAN-BUS/FlexRay, compatible with an operating temperature range of -55 to +150 Cel.

Packaging

Packing	Blister (Plastic)Taping [330mm Reel]	
Minimum Package Qty	Nom	6000 Pcs
Minimum Order Qty	Nom	6000 Pcs

[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.