

Product Name Common Mode Filters for automobile
Series signal line
Type ACT Series
Part Number 1210 Type
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]
Minumum 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.