

Product Name

Common Mode Filters for automobile signal line

Series

ACT Series

Type

1210 Type

Part Number

ACT1210-110-2P-TL00

Product Lifecycle Stage

Production

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	300	Ohm
	Typ	550	Ohm
Frequency of Common Mode Impedance	Nom	10	M Hz
Inductance	Nom	11	micro H
Inductance Tolerance	Min	-30	%
	Max	50	%
Frequency of Inductance	Nom	100	k Hz
Rated Voltage	Max	80	V
Rated Current	Max	300	m A
Insulation Resistance	Min	10	M Ohm
DC Resistance	Max	0.4	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.