

Product Name Common Mode Filter for High-speed Differential Signal Line
Series MCZ Series
Type 1210AH Type
Model 2 lines
Part Number MCZ1210AH900L2TA0G

Product Lifecycle Stage PROD

Specification		Summary/Applications/Features			
Mounting Method Flag	Yes	Summary	Compact sized multilayer common mode filter.		
Shape	Chip	Applications	High speed interface(LVDS, IEEE1394 and USB2.0) in electronics devices.Portable audio, digital cellular phones, DVC, DSC, PDP/LCD/DLP/PJ TVs, DVD players, notebook PCs, amusement machines, etc.		
AC/DC Classification	DC				
Number of Elements	Nom	2	Features		
Number of Circuits	Nom	2			
Size Code	1210		By providing wide bandwidth for differential mode, this product has almost no effect for highspeed differential signals and can suppress the radiated emission.		
Body Length(L)	Nom	1.25 m m			
Body Breadth(W)	Nom	1 m m	Packaging		
Body Height(T)	Nom	0.5 m m			
Common Mode Impedance	Typ	90 Ohm	Packing		
Common Mode Impedance Tolerance	Min	-25 %			
	Max	25 %	Blister (Plastic)Taping [180mm Reel]		
Frequency of Common Mode Impedance	Nom	100 M Hz	Minimum Package Qty	Nom	4000 Pcs
Rated Voltage	Max	5 V	Minimum Order Qty	Nom	4000 Pcs
Rated Current	Max	0.1 A	<div style="border: 1px solid black; padding: 2px; display: inline-block;"> Catalog Info. </div>		
Insulation Resistance	Min	10 M Ohm			
DC Resistance	Max	1.75 Ohm			
Soldering Method	Reflow, Iron Soldering				
Operating Temperature Range	Min	-40 Cel			
	Max	85 Cel			
Storage Temperature Range	Min	-40 Cel			
	Max	85 Cel			
Weight	Nom	0.003 g			

[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.