

Product Name **CHIP VARISTOR**
Series **AVR Series**
Type **M Type**
Part Number **AVRM0603C6R8NT101N**

Product Lifecycle Stage PROD

Specification		Summary/Applications/Features		
Mounting Method Flag	Yes	Summary	Chip varistor is ESD protection device. Can replace a TVS diode + Capacitor combination.	
Shape	Chip	Applications	Smart Phone, Mobile Phone, Tablet, Note PC, DVC, DSC, Car Multimedia	
Size Code	0603	Features	Excellent electrostatic absorption capability. Response is as good or better than TVS diode. Keeps symmetrical current-voltage characteristics even after electrostatic absorption. No polarity, due to symmetrical current-voltage characteristics. Equivalent to anode common type TVS diode. Excellent mount reliability. Good for Pb-free soldering. Adopted (Ni/Sn) electroplating. Can replace a TVS diode + Capacitor combination. Reduced footprint and total mounting cost.	
Body Length(L)	Nom			0.6 m m
Body Breadth(W)	Nom			0.3 m m
Body Height(T)	Nom			0.3 m m
Reference Current	Nom			1 m A
Varistor Voltage	Min			4.76 V
	Nom			6.8 V
	Max			8.84 V
Maximum Continuous V _{DC}	Max			3.5 V
Standard Pulse Currents	8/20microS			
Maximum Peak Current	Max	10 A		
Maximum Energy	Max	0.01 J		
Maximum EnergyMaximum Clamping Voltage	Max	14 V		
Current for Clamping Voltage	Nom	1 A		
Capacitance	Typ	100 p F		
Soldering Method	Reflow			
Operating Temperature Range	Min	-40 Cel		
	Max	85 Cel		
Storage Temperature Range	Min	-40 Cel		
	Max	85 Cel		
Weight	Nom	0.0002 g		
		Packaging		
		Packing	Punched (Paper)Taping [180mm Reel]	
		Minimum Package Qty	Nom 15000 Pcs	
		Minimum Order Qty	Nom 15000 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.