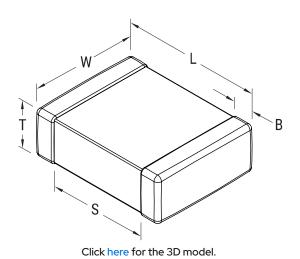


C1812Y333KDRACAUTO

SMD Auto X7R HV FF, Ceramic, 0.033 uF, 10%, 1,000 VDC, X7R, SMD, MLCC, FF-CAP, Floating Electrode, High Voltage, Automotive Grade, 2.3 mm, 1812 / 4532



General Information	
Series	SMD Auto X7R HV FF
Style	SMD Chip
Description	SMD, MLCC, FF-CAP, Floating Electrode, High Voltage, Automotive Grade
Features	FF-CAP, Floating Electrode, High Voltage, Automotive Grade
RoHS	Yes
Termination	Flexible Termination
Marking	No
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	185 mg
Shelf Life	78 Weeks
MSL	1

Dimensions	
L	4.5mm +/-0.4mm
W	3.2mm +/-0.3mm
Т	2.5mm +/-0.20mm
S	2.3mm MIN
В	0.7mm +/-0.35mm
Case Code (EIA / mm)	1812 / 4532

Packaging Specifications	
Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	500

Specifications	
Capacitance	0.033 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
Voltage DC	1000 VDC
Dielectric Withstanding Voltage	1,200 VDC
Temperature Range	-55/+125°C
Temp. Coefficient	X7R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	15%, 1kHz 1.0Vrms
Dissipation Factor	2.5% 1 kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	3.0303 GOhms

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

Generated 11/08/2025 © 2006 - 2025 YAGEO