

C1812W473KDRACTU

Aliases (C1812W473KDRAC7800)

ArcShield SMD Comm X7R HV, Ceramic, 0.047 uF, 10%, 1,000 VDC, X7R, SMD, MLCC, ArcShield, High Voltage, 2.3 mm, 1812 / 4532



Click [here](#) for the 3D model.

General Information

Series	ArcShield SMD Comm X7R HV
Style	SMD Chip
Description	SMD, MLCC, ArcShield, High Voltage
Features	High Voltage
RoHS	Yes
Termination	Flexible Termination
Marking	No
Typical Component Weight	95 mg
Miscellaneous	X7R dielectric is not recommended for AC line filtering or pulse applications.
Shelf Life	78 Weeks
MSL	1

Dimensions

L	4.5mm +/-0.4mm
W	3.2mm +/-0.3mm
T	1.1mm +/-0.10mm
S	2.3mm MIN
B	0.7mm +/-0.35mm
Case Code (EIA / mm)	1812 / 4532

Packaging Specifications

Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	1000

Specifications

Capacitance	0.047 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	2.1277 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.