

C1206S683K1RACTU

Aliases (C1206S683K1RAC7800)

SMD Comm X7R FE, Ceramic, 0.068 uF, 10%, 100 VDC, X7R, SMD, MLCC, FE-CAP, Floating Electrode, Temperature Stable, 1.5 mm, 1206 / 3216



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

General Information

Series	SMD Comm X7R FE
Style	SMD Chip
Description	SMD, MLCC, FE-CAP, Floating Electrode, Temperature Stable
Features	FE-CAP, Floating Electrode, Temperature Stable
RoHS	Yes
Termination	Tin
Marking	No
Typical Component Weight	41 mg
Shelf Life	78 Weeks
MSL	1

Specifications

Capacitance	0.068 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
Voltage DC	100 VDC
Dielectric Withstanding Voltage	250 VDC
Temperature Range	-55/+125°C
Temp. Coefficient	X7R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	15%
Dissipation Factor	2.5% 1 kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	14.7059 GOhms

Dimensions

L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
T	1.6mm +/-0.2mm
S	1.5mm MIN
B	0.5mm +/-0.25mm
Case Code (EIA / mm)	1206 / 3216

Packaging Specifications

Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	2000

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.