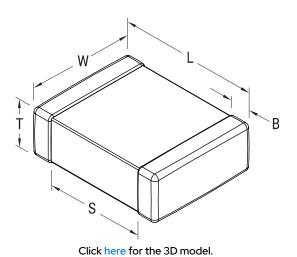


C1808X182KFRACTU

General Information

Aliases (C1808X182KFRAC7800)

SMD Comm X7R HV Flex, Ceramic, 1,800 pF, 10%, 1,500 VDC, X7R, SMD, MLCC, FT-CAP, Temperature Stable, 1808, 2.9 mm



o chici di ilii o ilii dalon		
Series	SMD Comm X7R HV Flex SMD Chip	
Style		
Description	SMD, MLCC, FT-CAP, Temperature Stable	
Features	FT-CAP, Temperature Stable	
RoHS	Yes	
Termination	Flexible Termination	
Marking	No	
AEC-Q200	No	
Typical Component Weight	100 mg	
Shelf Life	78 Weeks	
MSL	1	

Dimensions		
Chip Size	1808	
L	4.7mm +/-0.5mm	
W	2mm +/-0.2mm	
Т	1.6mm +/-0.15mm	
S	2.9mm MIN	
В	0.7mm +/-0.35mm	

	,	
W	2mm +/-0.2mm	Tol
Т	1.6mm +/-0.15mm	Vo
S	2.9mm MIN	Die
В	0.7mm +/-0.35mm	Tei
		Tei
Packaging Specifications		Ca

Specifications	
Capacitance	1,800 pF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
Voltage DC	1500 VDC
Dielectric Withstanding Voltage	1,800 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	100 GOhms

		Capacitance Change with	1370, IKHZ 1.0 VIIIIS
Packaging	T&R, 180mm, Plastic Tape	Reference to +25°C and 0 VDC Applied (TCC)	
Packaging Quantity 1000	1000	,, ,	
	1000	Dissipation Factor	2.5% 1 kHz 1.0Vrms
		Aging Rate	3% Loss/Decade Hour: I
			Time is 1000 Hours

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 05/03/2025 © 2006 - 2025 YAGEO