

KEMET Part Number: C1812R155K5RACTU
(C1812R155K5RAC7800)

SMD Indust X7R HT175C, Ceramic, 175C, 1.5 uF, 10%, 50 VDC, X7R, SMD, MLCC, High Temperature, FT-Cap, 1812



Dimensions	
L	4.5mm +/-0.4mm
W	3.2mm +/-0.3mm
T	1.9mm +/-0.20mm
B	0.7mm +/-0.35mm

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

General Information	
Supplier:	KEMET
Series:	SMD Indust X7R HT175C
Style:	SMD Chip
Description:	SMD, MLCC, High Temperature, FT-Cap
Features:	FT-CAP, High Temperature
RoHS:	Yes
Termination:	Flexible Termination
Marking:	No
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours
Chip Size:	1812

Specifications	
Capacitance:	1.5 uF
Capacitance Tolerance:	10%
Voltage DC:	50 VDC
Dielectric Withstanding Voltage:	125 V
Temperature Range:	-55/+175C
Temperature Coefficient:	X7R
Dissipation Factor:	2.50% 1kHz 25C
Aging Rate:	3% Loss/Decade Hour
Insulation Resistance:	667 MOhms