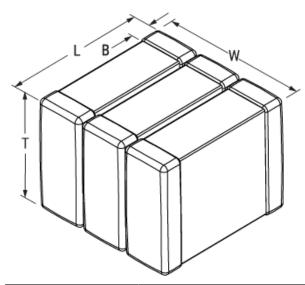
## KEMET Part Number: C1812C145J5JLC7805 (Preliminary Specsheet)



KONNEKT Comm U2J, Ceramic, 1.4uF, 5%, 50VDC, U2J, SMD, MLCC, Low-loss orientation. Ultra-Stable, Low Loss, Class I, 1812



Dimensions		
L	4.5mm +/-0.3mm	
W	5.3mm +/-0.6mm	
Т	3.2mm +/- 0.3mm	
В	0.6mm +/-0.35mm	

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

General Information	
Supplier:	KEMET
Series:	KONNEKT Comm U2J
Style:	SMD Chip
Description:	SMD, MLCC, Ultra-Stable, Low Loss, Class I
Features:	Low-loss Orientation
RoHS:	Yes
Termination:	Tin
Marking:	No
Miscellaneous:	Note: Referee time for U2J dielectric for this part number is 1000 hours
Chip Size:	1812

Specifications		
Capacitance:	1.4 uF	
Capacitance Tolerance:	5%	
Voltage DC:	50 VDC	
Dielectric Withstanding Voltage:	125 V	
Temperature Range:	-55/+125C	
Temperature Coefficient:	U2J	
Dissipation Factor:	0.10% 1kHz 25C	
Aging Rate:	0.1% Loss/Decade Hour	
Insulation Resistance:	667 MOhms	

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