

**KEMET Part Number: CAN18X393JAGACTU**  
(CAN18X393JAGAC7800)



CAN SMD Indust 250, Ceramic, 0.039 uF, 5%, C0G, SMD Chip, MLCC, AC Rated, 1812



General Information	
<b>Series:</b>	CAN SMD Indust 250
<b>Style:</b>	SMD Chip
<b>Description:</b>	SMD Chip, MLCC, AC Rated
<b>Features:</b>	Temperature Stable, Class I
<b>RoHS:</b>	Yes
<b>Termination:</b>	Flexible Termination
<b>Marking:</b>	No
<b>AEC-Q200:</b>	No
<b>Component Weight:</b>	87 mg
<b>MSL:</b>	1

Dimensions	
<b>Chip Size</b>	1812
<b>L</b>	4.5mm +/-0.4mm
<b>W</b>	3.2mm +/-0.3mm
<b>T</b>	2.5mm +/-0.20mm
<b>B</b>	0.7mm +/-0.35mm

Packaging Specifications	
<b>Packaging:</b>	T&R, 180mm, Plastic Tape
<b>Packaging Quantity:</b>	500

Specifications	
<b>Capacitance:</b>	0.039 uF
<b>Measurement Condition:</b>	1 kHz 1.0Vrms
<b>Capacitance Tolerance:</b>	5%
<b>Voltage AC:</b>	250 VAC
<b>Dielectric Withstanding Voltage:</b>	945 VDC
<b>Temperature Range:</b>	-55/+125°C
<b>Temperature Coefficient:</b>	C0G
<b>Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC):</b>	15%, 1kHz 1.0Vrms
<b>Dissipation Factor:</b>	0.1% 1 kHz 1.0Vrms
<b>Aging Rate:</b>	0% Loss/Decade Hour
<b>Insulation Resistance:</b>	10 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.

