

Spec Sheet

Soft Termination Multilayer Ceramic Capacitors for Automotive Body & Chassis and Infotainment

MCJCH21GDC7105KTDA01 (Previous PN: HMJ212DC7105KGHTE)



■ Features

- Item Summary
1 μ F \pm 10%, 100V,
X7S, 0805/2012 (EIA/JIS)
- Lifecycle Stage
Mass Production (Preferred)
- AEC-Q200 qualified
- Standard packaging quantity (minimum)
Taping Embossed 2000pcs

■ Products characteristics table

Capacitance	1 μ F \pm 10 %
Case Size (EIA/JIS)	0805/2012
Rated Voltage	100 V
$\tan \delta$ (max)	3.5 %
Temperature Characteristic (EIA)	X7S
Operating Temp. Range (EIA)	-55 to +125 °C
Capacitance Change(EIA)	\pm 22 %
Insulation Resistance (min)	100 M Ω · μ F
Derating	STD
RoHS Compliance (10 subst.)	Yes
REACH Compliance (251 subst.)	Yes
Halogen Free	Yes
Soldering	Reflow

■ External Dimensions

Dimension L	2.0 +0.30/-0.00 mm
Dimension W	1.25 +0.30/-0.00 mm
Dimension T	1.25 +0.30/-0.00 mm
Dimension e	0.65 +0.2/-0.15 mm

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The data is reference only. Electrical characteristics vary depending on environment or measurement condition.
TAIYO YUDEN reserves the right to make change to the Data at any time without notice.
Before making final selection, please check product specification.