

Spec Sheet

Multilayer Ceramic Capacitors (High dielectric type) for General Electronic Equipment

MSASE21GAB5106KTNA01 (Previous PN: EMK212ABJ106KG-T)



■ Features

- Item Summary
10uF±10%, 16V,
X5R/B, 0805/2012 (EIA/JIS)
- Lifecycle Stage
Mass Production (Preferred)
- Standard packaging quantity (minimum)
Taping Embossed 3000pcs

■ Products characteristics table

Capacitance	10 uF ± 10 %
Case Size (EIA/JIS)	0805/2012
Rated Voltage	16 V
tan δ (max)	10 %
Temperature Characteristic (EIA)	X5R
Operating Temp. Range (EIA)	-55 to +85 °C
Capacitance Change(EIA)	±15 %
Temperature Characteristic (JIS)	B
Operating Temp. Range (JIS)	-25 to +85 °C
Capacitance Change (JIS)	±10 %
High Temperature Loading (% Rated Voltage)	150 %
Insulation Resistance (min)	100 MΩ · μF
Derating	STD
RoHS Compliance (10 subst.)	Yes
REACH Compliance (251 subst.)	Yes
Halogen Free	Yes
Soldering	Reflow

■ External Dimensions

Dimension L	2.0 +0.15/-0.05 mm
Dimension W	1.25 +0.15/-0.05 mm
Dimension T	1.25 +0.15/-0.05 mm
Dimension e	0.50 ±0.25 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.