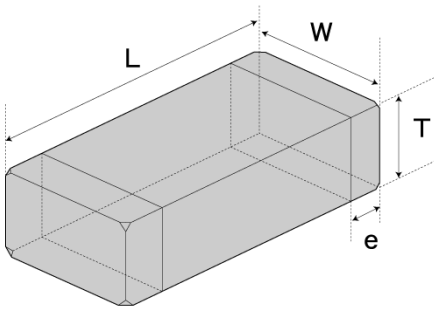
Spec Sheet

Multilayer Ceramic Capacitors (High dielectric type) for Automotive Body & Chassis and Infotainment

MCASL105AB5474KFNA01 (Previous PN: LMK105ABJ474KVHF)



Features

- Item Summary

  0.47uF±10%, 10V,

  X5R, 0402/1005 (EIA/JIS)
- Lifecycle Stage

  Mass Production (Preferred)
- AEC-Q200 qualified
- Standard packaging quantity (minimum)

  Taping Paper 10000pcs

Products characteristics table

Capacitance	0.47 uF ± 10 %
Case Size (EIA/JIS)	0402/1005
Rated Voltage	10 V
tan δ (max)	10 %
Temperature Characteristic (EIA)	X5R
Operating Temp. Range (EIA)	-55 to +85 ℃
Capacitance Change(EIA)	±15 %
Insulation Resistance (min)	500 MΩ·μF
Derating	STD
RoHS Compliance (10 subst.)	Yes
REACH Compliance (251 subst.)	Yes
Halogen Free	Yes
Soldering	Reflow

External Dimensions

Dimension L	1.0 ±0.10 mm
Dimension W	0.5 ±0.10 mm
Dimension T	0.5 ±0.10 mm
Dimension e	0.25 ±0.10 mm

2025.11.14

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.

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