

# Spec Sheet

Multilayer Ceramic Capacitors (Temperature compensating type) for General Electronic Equipment

## MSASU105SCG102JFNA01 (Previous PN: UMK105CG102JV-F)



### ■ Features

- Item Summary  
1000pF±5%, 50V,  
C0G/CG, 0402/1005 (EIA/JIS)
- Lifecycle Stage  
Mass Production
- Standard packaging quantity (minimum)  
Taping Paper 10000pcs

### ■ Products characteristics table

Capacitance	1000 pF ± 5 %
Case Size (EIA/JIS)	0402/1005
Rated Voltage	50 V
Q (min)	1000 at 1MHz
Temperature Characteristic (EIA)	C0G
Operating Temp. Range (EIA)	-55 to +125 °C
Temperature Characteristic (JIS)	CG
Operating Temp. Range (JIS)	-55 to +125 °C
Temperature coefficient	0 ±30 ppm/°C
High Temperature Loading (% Rated Voltage)	200 %
Insulation Resistance (min)	10 GΩ
Derating	STD
RoHS Compliance (10 subst.)	Yes
REACH Compliance (250 subst.)	Yes
Halogen Free	Yes
Soldering	Reflow

### ■ External Dimensions

Dimension L	1.0 ±0.05 mm
Dimension W	0.5 ±0.05 mm
Dimension T	0.5 ±0.05 mm
Dimension e	0.25 ±0.10 mm

2025.11.07

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.