

Spec Sheet

Multilayer Ceramic Capacitors (Temperature compensating type) for Automotive (BODY & CHASSIS, INFOTAINMENT) / Industrial Applications

TMK063CG181JTHF



■ Features

- Item Summary
180pF±5%, 25V,
C0G/CG, 0201/0603 (EIA/JIS)
- Lifecycle Stage
Mass Production
- AEC-Q200 qualified
- Standard packaging quantity (minimum)
Taping paper 15000pcs

■ Products characteristics table

Capacitance	180 pF ± 5 %
Case Size (EIA/JIS)	0201/0603
Rated Voltage	25 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 Characteristic	0 ±30 ppm/°C
High Temperature Loading (% Rated Voltage)	200 %
Insulation Resistance (min)	10 GΩ
RoHS Compliance (10 subst.)	Yes
REACH Compliance (191 subst.)	Yes
Halogen Free	Yes
Soldering	Reflow

■ External Dimensions

Dimension L	0.6 ±0.03 mm
Dimension W	0.3 ±0.03 mm
Dimension T	0.3 ±0.03 mm
Dimension e	0.15 ±0.05 mm

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.

2019.06.04

Multi Layer Ceramic Capacitor

-Electrical Characteristics Data-

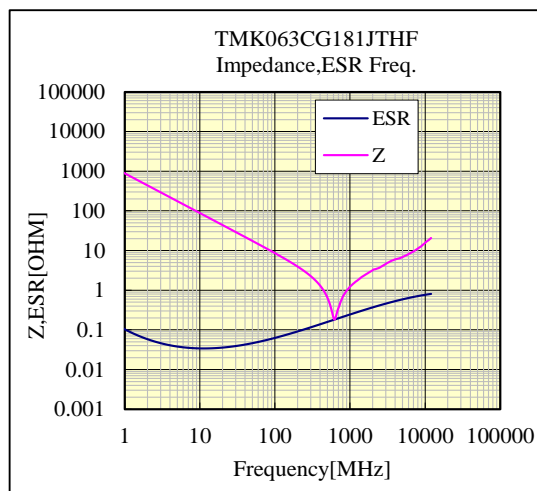
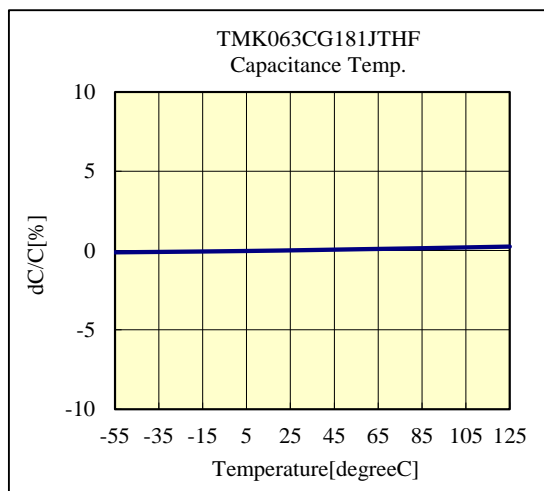
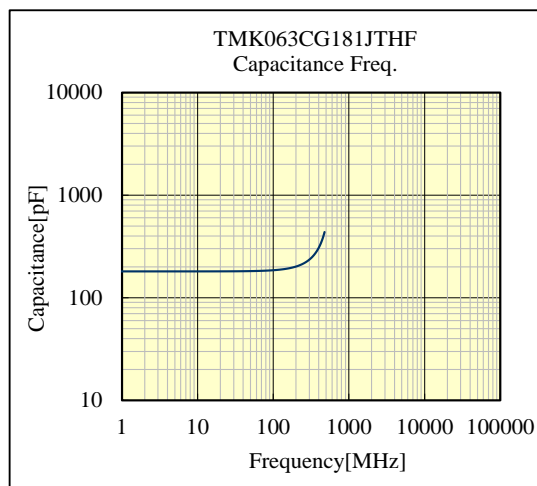
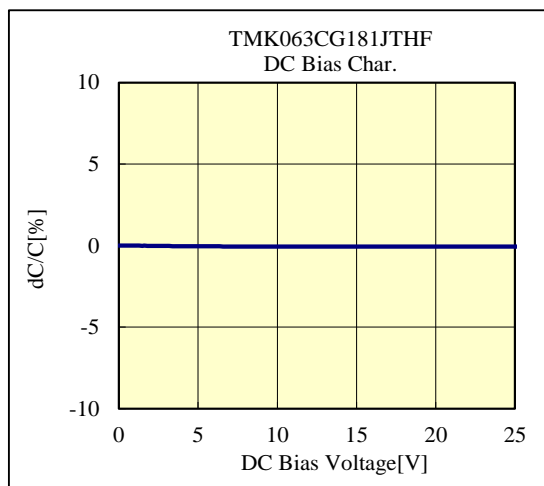
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RoHS compliance product

○TMK063CG181JTHF

25V 0603 CG/C0G 180pF +/- 5% t=0.33mmMAX

25V 0201 CG/C0G 180pF +/- 5% t=0.013inchMAX



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