

High Value Multilayer Ceramic Capacitors (High dielectric type)

EMK063B7682MP-F



■ Features

- Item Summary
6800pF±20%, 16V,
X7R, 0201/0603 (EIA/JIS)
- Lifecycle Stage
Mass Production
- Standard packaging quantity (minimum)
Taping paper 15000pcs

■ Products characteristics table

Capacitance	6800 pF ± 20 %
Case Size (EIA/JIS)	0201/0603
Rated Voltage	16 V
tan δ (max)	5 %
Temperature Characteristic (EIA)	X7R
Operating Temp. Range (EIA)	-55 to +125 °C
High Temperature Loading (% Rated Voltage)	200 %
Insulation Resistance (min)	10 GΩ
RoHS2 Compliance (10 subst.)	Yes
REACH Compliance (173 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

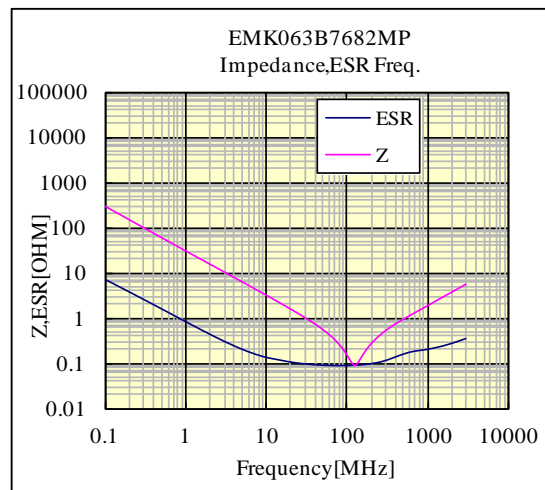
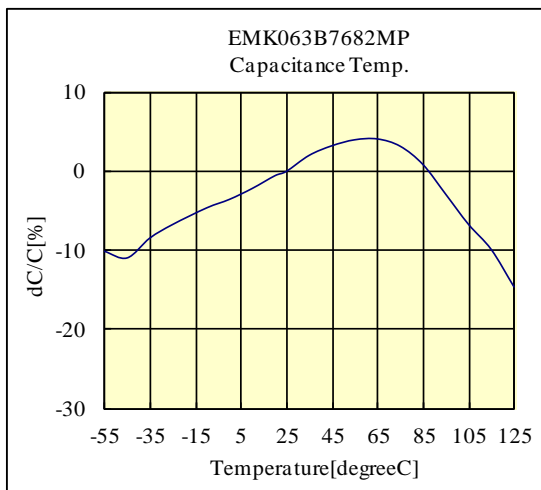
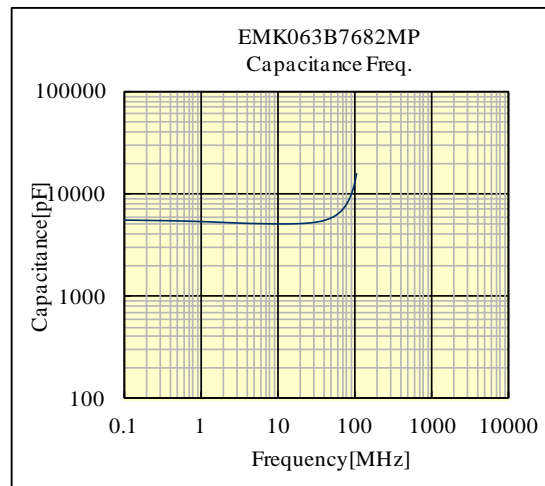
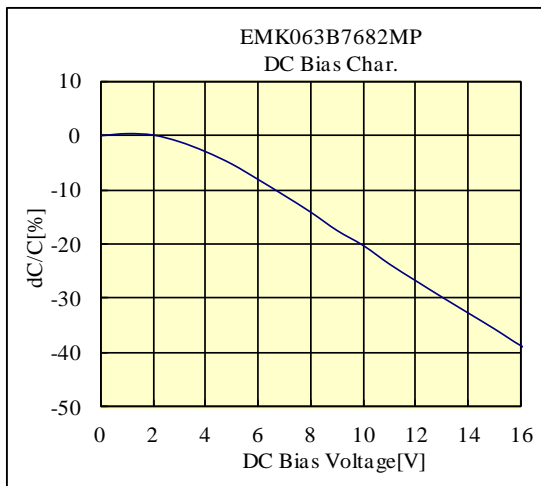
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The data is reference only. Electrical characteristics vary depending on environment or measurement condition.
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 Before making final selection, please check product specification.

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16V 0603 X7R 6800pF +/- 20% t=0.33mmMAX

16V 0201 X7R 6800pF +/- 20% t=0.013inchMAX



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