### **Spec Sheet**

# Multilayer Ceramic Capacitors (High dielectric type)

# EMK063BJ333MP-F



#### Features

- Item Summary
  0.033uF±20%, 16V,
  X5R, 0201/0603 (EIA/JIS)
- Lifecycle Stage

Mass Production (Preferred)

- Standard packaging quantity (minimum)

Taping Paper 15000pcs

### Products characteristics table

Capacitance	0.033 uF ± 20 %
Case Size (EIA/JIS)	0201/0603
Rated Voltage	16 V
$ an \delta \ ( ext{max})$	7.5 %
Temperature Characteristic (EIA)	X5R
Operating Temp. Range (EIA)	-55 to +85 ℃
High Temperature Loading (% Rated Voltage)	150 %
Insulation Resistance (min)	10 GΩ
RoHS Compliance (10 subst.)	Yes
REACH Compliance (209 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.



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## **Multi Layer Ceramic Capacitor**

-Electrical Characteristics Data-

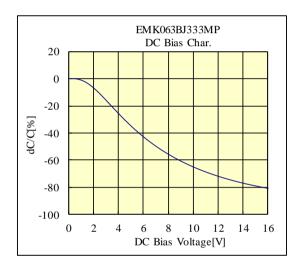
19R3A11

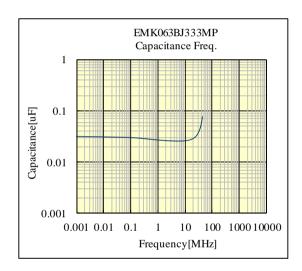
RoHS compliance product

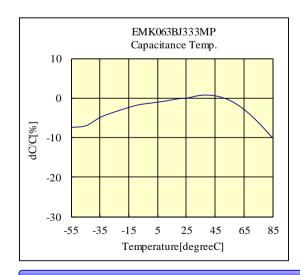
### $\bigcirc$ EMK063BJ333MP

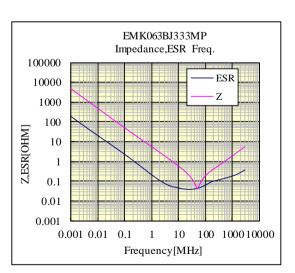
16V 0603 X5R 0.033uF +/- 20% t=0.33mmMAX 16V 0201 X5R 0.033uF +/- 20% t=0.013inchMAX











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Before making final selection, please check product specification.

Please read this notice before using the TAIYO YUDEN products.



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Please do not incorporate our products into any equipment requiring high levels of safety and/or reliability (e.g., aerospace equipment, aviation equipment\*, medical equipment classified as Class IV by IMDRF, nuclear control equipment, undersea equipment, military equipment).

\*Note: There is a possibility that our products can be used only for aviation equipment that does not directly affect the safe operation of aircraft (e.g., in-flight entertainment, cabin light, electric seat, cooking equipment) if such use meets requirements specified separately by TAIYO YUDEN. Please be sure to contact TAIYO YUDEN for further information before using our products for such aviation equipment.

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>>Taiyo Yuden(太阳诱电)