



CUSTOMER DATASHEET

Nummer / number

HVCC153Y6P102MEAX

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**RoHS**
COMPLIANT

VISHAY ELECTRONIC GMBH
CERAMIC CAPACITORS & NLR DIVISION
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SERIES**HIGH VOLTAGE CERAMIC CAPACITOR**

Part No.: HVCC153Y6P102MEAX

Materialmaster (Type): HVCC 15KVDC Y6P 1000PF $\pm 20\%$ E A X E3**ELECTRICAL RATINGS****LOW Signal**

Capacitance nominal: **1000 pF @ 1 kHz / 1 V_{rms}**
Capacitance tolerance: **$\pm 20\%$**
Dissipation Factor (DF): max. **1.5% @ 1 kHz / 1 V_{rms}**
Insulation Resistance: min. **200 G Ω @ 500 V_{DC} / 60 s max**

Operating Temperature Range: **-30 °C to +105 °C**
Temperature Characteristics: **Y6P acc. EIA RS 198**

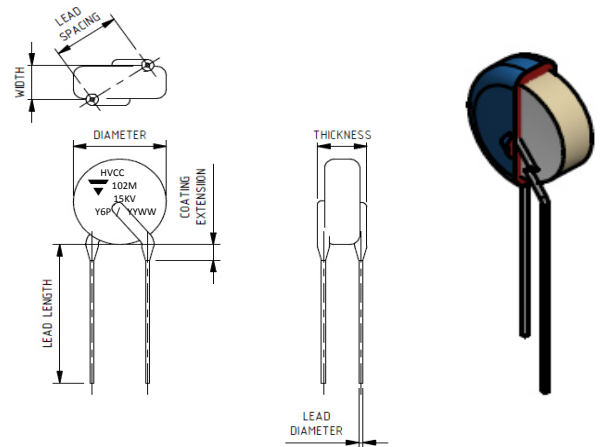
HIGH Signal

Rated Voltage: **15000 V_{DC}**
100% Test @ Vishay: **25000 V_{DC} 5 s**
HV-Test @ Customer: **22500 V_{DC} 60 s**

NOTES

#1: For reliability tests and handling information
please see series data sheet

Preliminary datasheet

MECHANICAL RATINGS**Marking****Dimensions**

		inch	mm
Diameter	max.	0.591	15.00
Thickness	max.	0.295	7.50
Coat. Ext.	max.	0.175	4.50
Width		0.170 $\pm$ 0.020	4.30 $\pm$ 0.50
Lead spacing		0.500 $\pm$ 0.039	12.70 $\pm$ 1.00
Lead diameter		0.032	0.81
Lead length		1.181 – 0.118	30.00 – 3.00

Material & Weight

Ceramic: Barium titanate
Electrode: Silver
Wire Material: Fecuma
Coat. Material: Epoxy resin, flame retardant UL 94V-0
Weight: 3 g

PACKAGING☒

Bulk

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