



DATASHEET

Number / number

HVCC153Y6P102KEAX

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RoHS
COMPLIANT

VISHAY ELECTRONIC GMBH
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SERIES

HVCC

Part No.: HVCC153Y6P102KEAX
Materialmaster (Type): HVCC 15KVDC Y6P 1000PF ±10% E A X E3

ELECTRICAL RATINGS

LOW Signal

CAPACITANCE_{NOM}: **1000 pF** @ 1 kHz / 1 Vrms
CAPACITANCE_{TOL}: **±10**
Dissipation Factor (DF): max. **1.5 %** @ 1 kHz / 1 Vrms
Insulation Resistance: min. **200 GΩ** @ 500 V_{DC} / 60 s max

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

HIGH Signal

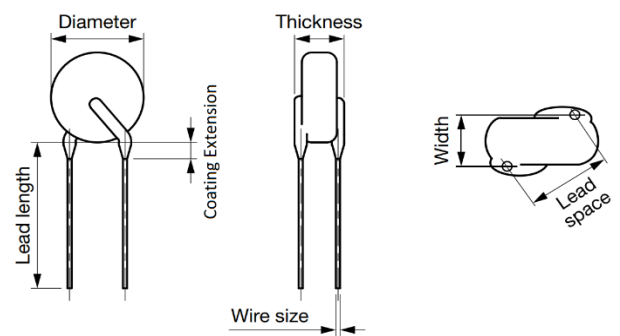
Rated Voltage DC: **15000 V_{DC}**
Rated Voltage AC: **5303 V_{AC}** @ 50 / 60 Hz
HV-Test @ Customer: **20250 V_{DC}** 60 s

NOTES

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

MECHANICAL RATINGS

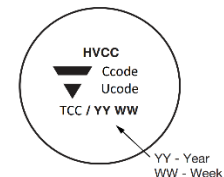
DIMENSIONS



	inch	mm
Diameter max.	0.59	15.00
Thickness max.	0.38	9.50
Coat. Ext. max.	0.15	4.00
Width	0.22 ± 0.02	5.50 ± 0.50
Lead space	0.49 ± 0.04	12.50 ± 1.00
Wire size	0.032 ± 0.002	0.800 ± 0.050
Lead length	1.2 ± 0.2	30.0 ± 5.0

MARKING

Ccode: 102K TCC: Y6P
Ucode: 15kV Dcode: YYWW



Material & Weight

Ceramic: Barium titanate
Electrode: Silver
Wire Material: Tinned copper clad steel wire
Coat. Material: Epoxy resin, flame ret. UL 94V-0
Weight: 4 g
Wire form: straight

PACKAGING

Packaging type: bulk