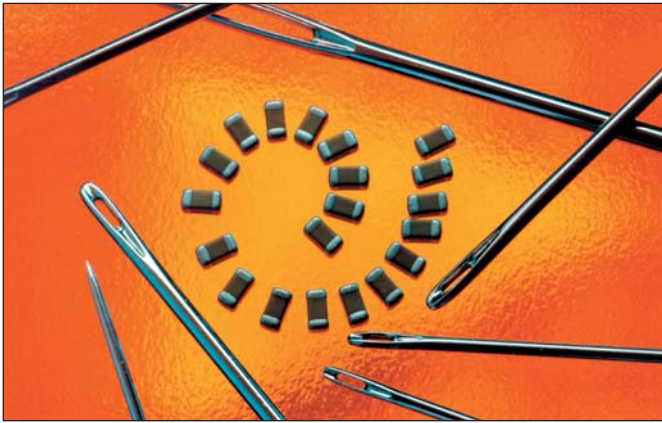


Automotive Varistor for Automotive Applications



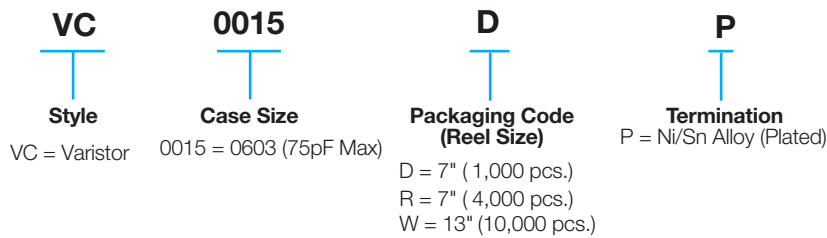
GENERAL DESCRIPTION

The VC0015 Automotive Varistor is low capacitance version of the TransGuard Automotive Series parts. The low capacitance makes this products suitable for use in high speed data transmission lines.

FEATURES

- AEC Q200 Qualified
- Multi-strike capability
- Sub 1nS response to ESD strike

HOW TO ORDER



ELECTRIAL CHARACTERISTICS

AVX Part Number	Working Voltage (DC)	Working Voltage (AC)	Clamping Voltage	Test Current For V_c	Maximum Leakage Current	Transient Energy Rating	Peak Current Rating	Max Cap	Size
VC0015 __	≤18.0	≤14.0	50	1	10	0.05	30	75	0603

- V_w (DC) DC Working Voltage (V)
 V_w (AC) AC Working Voltage (V)
 V_c Clamping Voltage (V @ I_{vc})
 I_{vc} Test Current for V_c (A, 8x20μS)
 I_L Maximum Leakage Current at the Working Voltage (μA)
 E_T Transient Energy Rating (J, 10x1000μS)
 I_p Peak Current Rating (A, 8x20μS)
 Cap Max Capacitance (pF) @ 1MHz and 0.5 V_{RMS}