



MULTILAYER VARISTOR WITH FLEXITERM®

AEC-Q200 QUALIFIED



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<http://datasheets.kyocera-avx.com/flexiterm-mlv.pdf>

SPECIFICATIONS

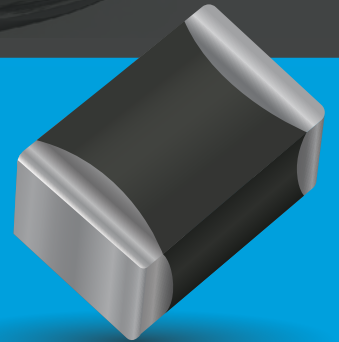
- **Operating Temperature:** -55 to +125/150°C
- **Working Voltage:** 5.6 to 85Vdc
- **Case Size:** 0603, 0805, 1206 and 1210

APPLICATIONS

- High Flexure Stress
- Variable Temperature Applications
- Automotive Applications

TOP SELLING POINTS & FEATURES

- First multilayer varistor with Flexiterm®
- Zero derating of energy, power and current across full -55 to +125/150°C operating temperature range
- High mechanical performance guaranteed to withstand 5mm Bend Test as per VW80808
- Increased temperature cycling performance ≥ 3000 cycles
- AEC-Q200 qualified or commercial grade products available



HOW TO ORDER

VC	AS	0805	18	A	400	R	Z
Varistor Chip VC = Varistor Chip VT = Varistor Temp Rated	Automotive Series AS = 125°C A3 = 150°C	Size 0603 0805 1206 1210	Working Voltage 05 = 5.6V _{dc} 14 = 14V _{dc} 18 = 18V _{dc} 26 = 26V _{dc} 30 = 30V _{dc}	Energy Rating A = 0.1J C = 0.3J D = 0.4J J = 1.5J	Clamping Voltage 150 = 18V 300 = 32V 390 = 42V 400 = 42V 580 = 60V 650 = 67V	Packaging D = 7" (1000)* R = 7" (4000)* T = 13" (1000)	Terminations Z = FLEXITERM®

NOTE: Please see catalog for list of all available Flexiterm Part Numbers.



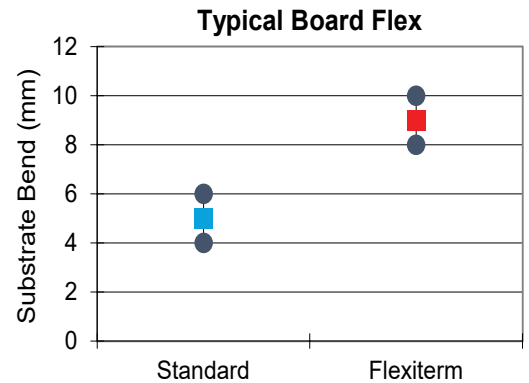
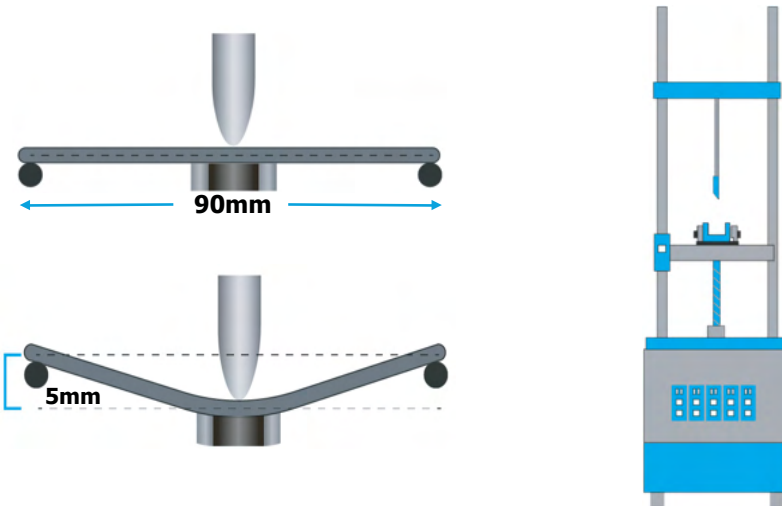


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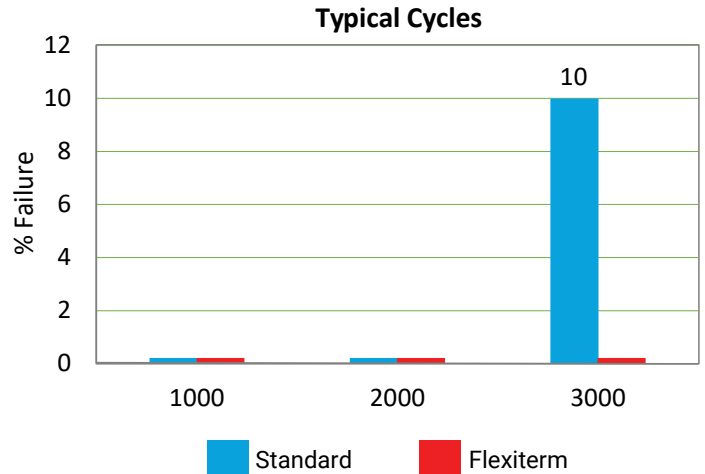
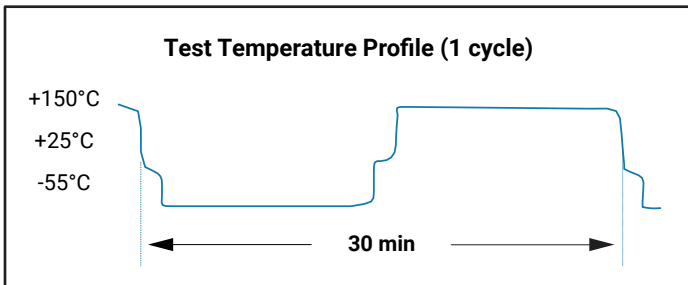
BOARD BEND FLEX TEST



TEMPERATURE CYCLING TEST

TEST PROCEDURE:

This test is conducted to determine the resistance of a part to extremes of high and low temperatures by alternative exposure to those extremes.



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