

## Products


## Products

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Technology:: Metal Oxide Varistor

## PARAMETERS

Key

|  |                             |   |
|--|-----------------------------|---|
| PACKAGE TYPE   | PKG TYPE                    | Radial Leaded   |
| MOUNT METHOD   | MOUNT                       | Through Hole  |
| DISC DIAMETER  | SIZE                        | 20  |
| RATED AC VOLTAGE                                     | $V_{MAC}$ (V)               | 300   |
| CONTINUOUS DC VOLTAGE                                | $V_{MDC}$ (V)               | 0.0   |
| MAXIMUM NON-REPETITIVE SURGE ENERGY                  | $W_{TM}$                    | 335.00  |
| MAXIMUM NON-REPETITIVE SURGE CURRENT                 | $I_{TM}$ NON-REPETITIVE (A) | 9000  |
| MAXIMUM SURGE CURRENT                                | $I_{TM}$ (A)                | 7000  |
| MINIMUM VARISTOR VOLTAGE AT 1MA DC TEST CURRENT      | $V_{NOM}$ MIN               | 420.00  |
| NOMINAL VOLTAGE                                      | $V_{NDC}$ (V)               | 0.00  |
| MAXIMUM VARISTOR VOLTAGE AT 1MA DC TEST CURRENT      | $V_{NOM}$ MAX               | 517.00  |
| CLAMPING VOLTAGE                                     | $V_C$ (V)                   | 775   |
| PEAK CURRENT   | $I_{PK}$ (A)                | 100.00  |
| TYPICAL CAPACITANCE AT 1MHZ                          | TYP CAPACITANCE             | 0   |
| DUTY CYCLE SURGE RATING 3KA (8X20 $\mu$ S) # PULSES  | 3KA SURGE                   | 80  |
| DUTY CYCLE SURGE RATING 750A (8X20 $\mu$ S) # PULSES | 750A SURGE                  | 1600  |
| CLAMPING POLARITY                                    | CLAMP POLARITY              | Bi-directional  |
| PACKAGE SIZE   | PKG SIZE                    | 20mm Radial Leaded  |
| BATTERY/SYSTEM VOLTAGE 12/14                         | VOLT 12/14                  |   |
| BATTERY/SYSTEM VOLTAGE 24/28                         | VOLT 24/28                  |   |
| BATTERY/SYSTEM VOLTAGE 36/42                         | VOLT 36/42                  |   |
| CERTIFICATIONS                                       | CERT                        |  |

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Lightning Transients  
AC Mains  
Telecom - DC Power  
Other Threats  
Inductive Switching / Commutative Spikes



## Series Datasheets



C-III Data Sheet  
CIII.pdf (1,042 K)  
Last Updated: August 11, 2005