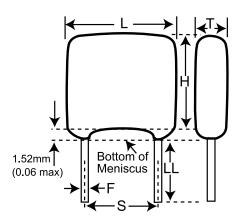
**KEMET Part Number: 20HV23B102KC** 



HV RAD-LDD Indust X7R HV, Ceramic, 1000 pF, 10%, 2000 VDC, X7R, Commercial, High Voltage, Lead Spacing = 9.53mm



| Dimensions |                         |  |
|------------|-------------------------|--|
| L          | 11.94mm NOM             |  |
| Н          | 10.16mm NOM             |  |
| Т          | 6.89mm NOM              |  |
| S          | 9.53mm NOM              |  |
| LL         | 3.175mm MIN             |  |
| F          | 0.635mm +0.102/-0.051mm |  |

| Packaging Specifications |              |  |
|--------------------------|--------------|--|
| Packaging:               | Waffle, Tray |  |
| Packaging Quantity:      | 28           |  |

| General Information |                                                                 |  |
|---------------------|-----------------------------------------------------------------|--|
| Series:             | HV RAD-LDD Indust X7R HV                                        |  |
| Style:              | Radial                                                          |  |
| Description:        | Commercial, High Voltage                                        |  |
| Features:           | Commercial                                                      |  |
| RoHS:               | No                                                              |  |
| Prop 65:            | WARNING: Cancer and reproductive harm - www.p65warnings.ca.gov. |  |
| Termination:        | Copper                                                          |  |
| Failure Rate:       | N/A                                                             |  |
| AEC-Q200:           | No                                                              |  |

| Specifications                                                      |                     |
|---------------------------------------------------------------------|---------------------|
| Capacitance:                                                        | 1000 pF             |
| Capacitance Tolerance:                                              | 10%                 |
| Voltage DC:                                                         | 2000 VDC            |
| Dielectric Withstanding<br>Voltage:                                 | 2400 VDC            |
| Temperature Range:                                                  | -55/+125°C          |
| Temperature Coefficient:                                            | X7R                 |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC): | 15%                 |
| Dissipation Factor:                                                 | 2%                  |
| Aging Rate:                                                         | 2% Loss/Decade Hour |
| Insulation Resistance:                                              | 10 GOhms            |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.



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## >>KEMET(基美)