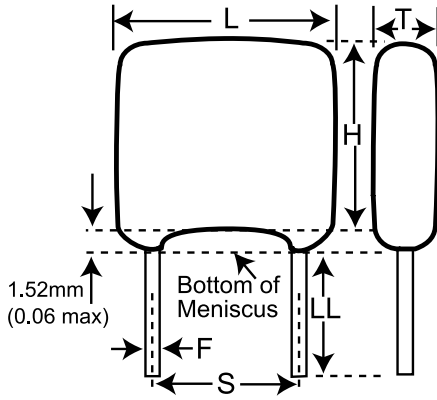


**KEMET Part Number: 05HV10B103KN**  
(05HV10B103K)

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HV RAD-LDD Indust X7R HVHT200C, Ceramic, 0.01 uF, 10%, 500 VDC, X7R, Commercial, High Temperature, HighVoltage, Lead Spacing = 4.32mm



| Dimensions |                         |
|------------|-------------------------|
| L          | 6.35mm MAX              |
| H          | 5.59mm MAX              |
| T          | 3.81mm MAX              |
| S          | 4.32mm +/-0.762mm       |
| LL         | 3.175mm MIN             |
| F          | 0.635mm +0.102/-0.051mm |

| Packaging Specifications |        |
|--------------------------|--------|
| Packaging:               | Waffle |
| Packaging Quantity:      | 56     |

| General Information |   |
|---------------------|---|
| Series:             | HV RAD-LDD Indust X7R HVHT200C            |
| Style:              | Radial                                    |
| Description:        | Commercial, High Temperature, HighVoltage |
| Features:           | Commercial                                |
| RoHS:               | With Exemptions                           |
| REACH:              | SVHC (Pb – CAS 7439-92-1)                 |
| SCIP Number:        | ef26097b-3862-4ee0-b0ad-404a563ece0f      |
| Termination:        | Nickel                                    |
| Failure Rate:       | N/A                                       |
| AEC-Q200:           | No  |

| Specifications                   |                     |
|----------------------------------|---------------------|
| Capacitance:                     | 0.01 uF             |
| Capacitance Tolerance:           | 10%                 |
| Voltage DC:                      | 500 VDC             |
| Dielectric Withstanding Voltage: | 750 VDC             |
| Temperature Range:               | -55/+200°C          |
| Temperature Coefficient:         | X7R                 |
| Dissipation Factor:              | 2%                  |
| Aging Rate:                      | 2% Loss/Decade Hour |
| Insulation Resistance:           | 100 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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