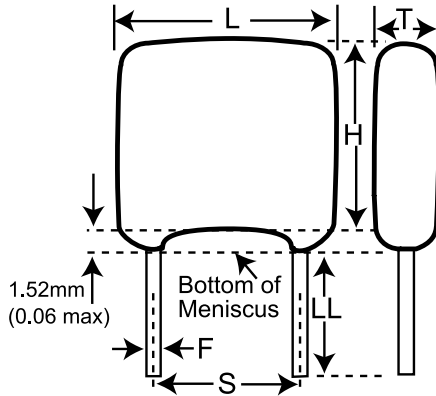


**KEMET Part Number: 05HV33B105KN0**  
(05HV33B105K)

HV RAD-LDD Indust X7R HV, Ceramic, 1 uF, 10%, 500 VDC, X7R, Commercial, High Voltage, Lead Spacing = 17.78mm



#### Dimensions

|    |                         |
|----|-------------------------|
| L  | 21.59mm MAX             |
| H  | 10.16mm MAX             |
| T  | 6.86mm MAX              |
| S  | 17.78mm +/-0.76mm       |
| LL | 31.75mm MIN             |
| F  | 0.635mm +0.102/-0.051mm |

#### Packaging Specifications

|                     |           |
|---------------------|-----------|
| Packaging:          | Bulk, Bag |
| Packaging Quantity: | 1         |

#### General Information

|               |                          |
|---------------|--------------------------|
| Series:       | HV RAD-LDD Indust X7R HV |
| Style:        | Radial                   |
| Description:  | Commercial, High Voltage |
| Features:     | Commercial               |
| RoHS:         | Yes                      |
| Termination:  | Nickel                   |
| Failure Rate: | N/A                      |
| AEC-Q200:     | No                       |

#### Specifications

|                                  |            |
|----------------------------------|------------|
| Capacitance:                     | 1 uF       |
| Capacitance Tolerance:           | 10%        |
| Voltage DC:                      | 500 VDC    |
| Dielectric Withstanding Voltage: | 750 VDC    |
| Temperature Range:               | -55/+125°C |
| Temperature Coefficient:         | X7R        |
| Dissipation Factor:              | 2.50%      |
| Insulation Resistance:           | 1 GOhms    |

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