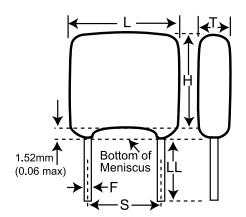
## KEMET Part Number: 30HV24B222KC



HV RAD-LDD Indust X7R HV, Ceramic, 2200 pF, 10%, 3000 VDC, X7R, Commercial, High Voltage, Lead Spacing = 12.07mm



| Dimensions |                         |
|------------|-------------------------|
| L          | 14.48mm NOM             |
| Н          | 12.7mm NOM              |
| Т          | 6.89mm NOM              |
| S          | 12.07mm NOM             |
| LL         | 3.175mm MIN             |
| F          | 0.635mm +0.102/-0.051mm |

| Packaging Specifications |              |  |
|--------------------------|--------------|--|
| Packaging:               | Waffle, Tray |  |
| Packaging Quantity:      | 20           |  |

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

| Specifications  |                     |
|---|---------------------|
| Capacitance:  | 2200 pF             |
| Capacitance Tolerance:  | 10%                 |
| Voltage DC:   | 3000 VDC            |
| Dielectric Withstanding<br>Voltage:                                       | 3600 VDC            |
| Temperature Range:  | -55/+125°C          |
| Temperature Coefficient:  | X7R                 |
| Capacitance Change with<br>Reference to +25°C and 0 VDC<br>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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