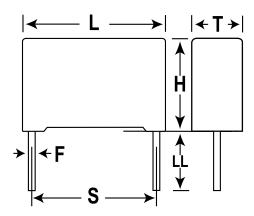
## KEMET Part Number: R82CC4220Z370K



Capacitor, Film, Metallized Polyester (Stacked), 2.2 uF, +/-10% Tol, -55/+105C, General Purpose, 50 VDC@85C, Lead Spacing=5 mm



| Supplier:        | KEMET                          |
|------------------|--------------------------------|
| Dielectric:      | Metallized Polyester (Stacked) |
| Application:     | General Purpose                |
| Sub Application: | AEC-Q200                       |
| Style:           | Radial Box                     |
| Lead Form:       | Wire Leads                     |
| Features:        | Pulse                          |
| Approvals:       | AEC-Q200                       |
| RoHS:            | Yes                            |

**General Information** 

| Dimensions (mm) |           |           |
|-----------------|-----------|-----------|
| Symbol          | Dimension | Tolerance |
| L               | 7.2       | +0.3      |
| Н               | 11        | +0.1      |
| Т               | 6         | +0.1      |
| S               | 5         | +/-0.4    |
| LL              | 17        | +1/-2     |
| F               | 0.5       | +/-0.05   |

| Specifications               |  |  |
|------------------------------|--|--|
| Capacitance:                 | 2.2 uF   |  |
| Voltage:                     | 50 VDC   |  |
| Tolerance:                   | +/-10%   |  |
| Voltage AC:                  | 30 VAC   |  |
| Rated Temperature:           | 85C  |  |
| Temperature Range:           | -55/+105C  |  |
| Dissipation Factor @ 1 kHz:  | 0.8%   |  |
| Dissipation Factor @ 10 kHz: | 1.2%   |  |
| Insulation Resistance:       | 454.5 MOhm   |  |
| Inductance:                  | 7  |  |
| Maximum dVdT:                | 100 v/us   |  |
| Miscellaneous:               | Above 85C DC And AC Voltage<br>Derating Is 1.25%/C |  |

| Packaging Specifications |      |
|--------------------------|------|
| Package Kind:            | Bulk |
| Package Quantity:        | 1000 |

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