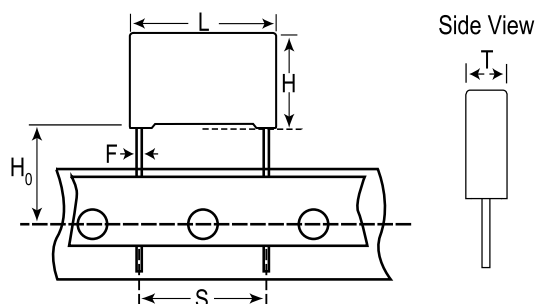


Film, Metallized Polyester Stacked, Commercial Grade, R82, 1500 pF, 10%, 100 V, 85C, Lead Spacing = 5mm

**General Information**

|                       |                                                 |
|-----------------------|-------------------------------------------------|
| <b>Dielectric:</b>    | Metallized Polyester Stacked                    |
| <b>Style:</b>         | Radial                                          |
| <b>Series:</b>        | R82                                             |
| <b>Features:</b>      | Pulse                                           |
| <b>RoHS:</b>          | Yes                                             |
| <b>Lead:</b>          | Wire Leads                                      |
| <b>Approvals:</b>     | AEC-Q200                                        |
| <b>AEC-Q200:</b>      | Yes                                             |
| <b>Miscellaneous:</b> | Above 85C DC And AC Voltage Derating Is 1.25%/C |

**Dimensions**

|           |                 |
|-----------|-----------------|
| <b>L</b>  | 7.2mm +0.2mm    |
| <b>H</b>  | 6.5mm +0.1mm    |
| <b>T</b>  | 2.5mm +0.1mm    |
| <b>S</b>  | 5mm +/-0.4mm    |
| <b>H0</b> | 18.5mm +/-0.5mm |
| <b>F</b>  | 0.5mm +/-0.05mm |

**Packaging Specifications**

|                            |                         |
|----------------------------|-------------------------|
| <b>Packaging:</b>          | Ammo, 360x340x59mm, Box |
| <b>Packaging Quantity:</b> | 3500                    |

**Specifications**

|                               |                                    |
|-------------------------------|------------------------------------|
| <b>Capacitance:</b>           | 1500 pF                            |
| <b>Capacitance Tolerance:</b> | 10%                                |
| <b>Voltage DC:</b>            | 100 VDC                            |
| <b>Voltage AC:</b>            | 63 VAC                             |
| <b>Temperature Range:</b>     | -55/+105C                          |
| <b>Rated Temperature:</b>     | 85C                                |
| <b>Dissipation Factor:</b>    | 0.8% 1kHz, 1.2% 10kHz, 2.5% 100kHz |
| <b>Insulation Resistance:</b> | 15 GOhms                           |
| <b>Max dVdt:</b>              | 200 V                              |
| <b>Inductance:</b>            | 7 nH                               |