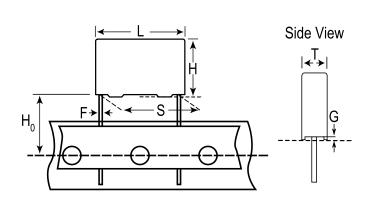


## F462BY393K1K6L

Not for New Design

F462, Film, Metallized Polypropylene, General Purpose, 0.039 uF, 10%, 1,600 VDC, 85°C, 15 mm



Click here for the 3D model.

| General Information      |   |
|--------------------------|---|
| Series                   | F462  |
| Dielectric               | Metallized Polypropylene  |
| Style                    | Radial  |
| Features                 | MKP, Pulse  |
| RoHS                     | Yes   |
| Termination              | Tinned Wire   |
| Lead                     | Wire Leads  |
| AEC-Q200                 | No  |
| Typical Component Weight | 6.363 g   |
| Miscellaneous            | The Rated Voltage Decreases 2%/C Between +85C And +105C (1.25%/C For AC). ClimCat: 55/105/56. |
| Notes                    | Series Replaced by R75.   |

| Dimensions               |                  |
|--------------------------|------------------|
| L                        | 18mm -0.5mm      |
| Н                        | 19mm -0.5mm      |
| Т                        | 11mm -0.5mm      |
| S                        | 15mm +0.6/-0.1mm |
| НО                       | 18.5mm +/-0.5mm  |
| F                        | 0.8mm +/-0.05mm  |
| G                        | 0.5mm NOM        |
|                          |                  |
| Packaging Specifications |                  |
| Packaging                | T&R              |
| Packaging Quantity       | 250              |

| Specifications        |  |
|-----------------------|--|
| Capacitance           | 0.039 uF                                 |
| Tolerance             | 10%                                      |
| Voltage DC            | 1600 VDC, 960 VDC (105C)                 |
| Voltage AC            | 500 VAC                                  |
| Temperature Range     | -55/+105°C                               |
| Rated Temperature     | 85°C                                     |
| Dissipation Factor    | 0.04% 1kHz, 0.06% 10kHz, 0.25%<br>100kHz |
| Insulation Resistance | 100 GOhms                                |
| Max dV/dt             | 4,500 V/us                               |
| Inductance            | 6 nH                                     |

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