

## F462BK183J1K6L

Not for New Design

F462, Film, Metallized Polypropylene, General Purpose, 0.018 uF, 5%, 1600 VDC, 85°C, Lead Spacing = 15mm



### General Information

|                  |   |
|------------------|---|
| Series           | F462  |
| Dielectric       | Metallized Polypropylene  |
| Style            | Radial  |
| Features         | MKP, Pulse  |
| RoHS             | Yes   |
| Lead             | Wire Leads  |
| AEC-Q200         | No  |
| Component Weight | 3.529 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.   |

### Specifications

|                       |                                       |
|-----------------------|---------------------------------------|
| Capacitance           | 0.018 uF                              |
| Capacitance Tolerance | 5%                                    |
| Voltage AC            | 500 VAC                               |
| Voltage DC            | 1600 VDC, 960 VDC (105C)              |
| Temperature Range     | -55/+105°C                            |
| Rated Temperature     | 85°C                                  |
| Dissipation Factor    | 0.04% 1kHz, 0.06% 10kHz, 0.25% 100kHz |
| Insulation Resistance | 100 GOhms                             |
| Max dV/dt             | 4500 V/us                             |
| Inductance            | 6 nH                                  |

Click [here](#) for the 3D model.

### Dimensions

|                |                  |
|----------------|------------------|
| L              | 18mm -0.5mm      |
| H              | 13.5mm -0.5mm    |
| T              | 7.5mm -0.5mm     |
| S              | 15mm +0.6/-0.1mm |
| H <sub>0</sub> | 18.5mm +/-0.5mm  |
| F              | 0.8mm +/-0.05mm  |
| G              | 0.5mm NOM        |

### Packaging Specifications

|                    |     |
|--------------------|-----|
| Packaging          | T&R |
| Packaging Quantity | 350 |

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