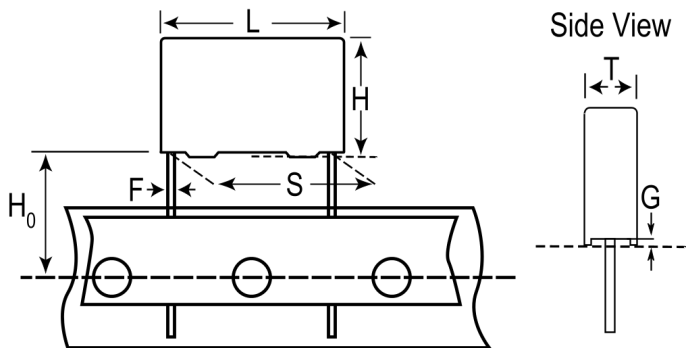


## F462BY823K1L2R

Not for New Design

F462, Film, Metallized Polypropylene, General Purpose, 0.082 uF, 10%, 1250 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 | 5.796 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.                                                                       |

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

### Dimensions

|    |                  |
|----|------------------|
| L  | 18mm -0.5mm      |
| H  | 19mm -0.5mm      |
| T  | 11mm -0.5mm      |
| S  | 15mm +0.6/-0.1mm |
| H0 | 18.5mm +/-0.5mm  |
| F  | 0.8mm +/-0.05mm  |
| G  | 0.5mm NOM        |

### Packaging Specifications

|                    |                         |
|--------------------|-------------------------|
| Packaging          | Ammo, 360x340x59mm, Box |
| Packaging Quantity | 340                     |

### Specifications

|                       |                                       |
|-----------------------|---------------------------------------|
| Capacitance           | 0.082 uF                              |
| Capacitance Tolerance | 10%                                   |
| Voltage AC            | 400 VAC                               |
| Voltage DC            | 1250 VDC, 750 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             | 2000 V/us                             |
| Inductance            | 6 nH                                  |

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