

## F461DB105K160L

Not for New Design

F461, Film, Metallized Polypropylene, General Purpose, 1 uF, 10%, 160 VDC, 85°C, Lead Spacing = 22.5mm



| General Information |   |
|---------------------|---|
| Series              | F461  |
| Dielectric          | Metallized Polypropylene  |
| Style               | Radial  |
| Features            | MKP, Pulse  |
| RoHS                | Yes   |
| Lead                | Wire Leads  |
| AEC-Q200            | No  |
| Component Weight    | 4.658 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           | 1 uF                    |
| Capacitance Tolerance | 10%                     |
| Voltage AC            | 90 VAC                  |
| Voltage DC            | 160 VDC, 96 VDC (105C)  |
| Temperature Range     | -55/+105°C              |
| Rated Temperature     | 85°C                    |
| Dissipation Factor    | 0.05% 1kHz, 0.06% 10kHz |
| Insulation Resistance | 30 GOhms                |
| Max dV/dt             | 60 V/us                 |
| Inductance            | 6 nH                    |

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

| Dimensions |                    |
|------------|--------------------|
| L          | 26mm -0.5mm        |
| H          | 14.5mm -0.5mm      |
| T          | 6mm -0.5mm         |
| S          | 22.5mm +0.6/-0.1mm |
| H0         | 18.5mm +/-0.5mm    |
| F          | 0.8mm +/-0.05mm    |
| G          | 0.5mm NOM          |

| Packaging Specifications |     |
|--------------------------|-----|
| Packaging                | T&R |
| Packaging Quantity       | 300 |

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