

## R413F168050D0K

Aliases (413F168050D0K)

R41D, Film, Metallized Polypropylene, Automotive Safety, 6,800 pF, 10%, 300 VAC (X1), 300 VAC (Y2), 110°C, 10 mm



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

### General Information

|                |                              |
|----------------|------------------------------|
| Series         | R41D                         |
| Dielectric     | Metallized Polypropylene     |
| Style          | Radial                       |
| Features       | Automotive Grade, EMI Safety |
| RoHS           | Yes                          |
| Termination    | Tinned Wire                  |
| Lead           | Wire Leads                   |
| Safety Class   | X1/Y2                        |
| Qualifications | AEC-Q200, ENEC, UL, cUL, CQC |

### Dimensions

|    |                  |
|----|------------------|
| L  | 13mm +0.3/-0.5mm |
| H  | 12mm +0.1/-0.5mm |
| T  | 6mm +0.2/-0.5mm  |
| S  | 10mm +/-0.4mm    |
| LL | 30mm +5mm        |
| F  | 0.6mm +/-0.05mm  |

### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Bag |
| Packaging Quantity | 1200      |

### Specifications

|                       |                            |
|-----------------------|----------------------------|
| Capacitance           | 6,800 pF                   |
| Tolerance             | 10%                        |
| Voltage AC            | 300 VAC (X1), 300 VAC (Y2) |
| Temperature Range     | -40/+125°C                 |
| Rated Temperature     | 110°C                      |
| Dissipation Factor    | 0.8% 1kHz                  |
| Insulation Resistance | 100 GOhms                  |
| Max dV/dt             | 6,000 V/us                 |

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