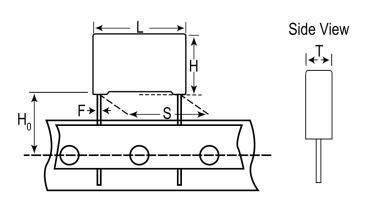


R76QD0820CK40J

Aliases (76QD0820CK40J)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 820 pF, 5%, 1000 VDC, 85°C, Lead Spacing = 7.5mm



Click here for the 3D model.

| Dimensions | |
|------------|------------------|
| L | 10mm +0.2/-0.5mm |
| Н | 9mm +0.1/-0.5mm |
| Т | 4mm +0.1/-0.5mm |
| S | 7.5mm +/-0.4mm |
| НО | 18.5mm +/-0.5mm |
| F | 0.6mm +/-0.05mm |

| Packaging Specifications | | |
|--------------------------|------|--|
| Packaging | T&R | |
| Packaging Quantity | 1500 | |

| General Information | | |
|---------------------|---------------------------------|--|
| Series | R76 | |
| Dielectric | Double Metallized Polypropylene | |
| Style | Radial | |
| Features | Automotive Grade, Pulse | |
| RoHS | Yes | |
| Lead | Wire Leads | |
| Qualifications | AEC-Q200 | |
| AEC-Q200 | Yes | |
| Component Weight | 0.567 g | |

| Specifications | | |
|-----------------------|--------------------------------------|--|
| Capacitance | 820 pF | |
| Capacitance Tolerance | 5% | |
| Voltage AC | 400 VAC | |
| Voltage DC | 1000 VDC | |
| Temperature Range | -55/+110°C | |
| Rated Temperature | 85°C | |
| Dissipation Factor | 0.03% 1kHz, 0.04% 10kHz, 0.1% 100kHz | |
| Insulation Resistance | 100 GOhms | |
| Max dV/dt | 6000 V/us | |
| Resistance | 776.37 mOhms (100kHz) | |
| Ripple Current | 0.2 Amps (100kHz 85C), 5 Amps (Peak) | |
| Inductance | 8 nH | |

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