

## R66PD1220DQ10J

Aliases (66PD1220DQ10J)

R66, Film, Metallized Polyester, Automotive Grade, 2200 pF, 5%, 630 VDC, 85°C, Lead Spacing = 7.5mm



### General Information

|                |                                                                                                                  |
|----------------|------------------------------------------------------------------------------------------------------------------|
| Series         | R66                                                                                                              |
| Dielectric     | Metallized Polyester                                                                                             |
| Style          | Radial                                                                                                           |
| Features       | Automotive Grade, DC Multipurpose Applications                                                                   |
| RoHS           | Yes                                                                                                              |
| Lead           | Wire Leads                                                                                                       |
| Qualifications | AEC-Q200                                                                                                         |
| AEC-Q200       | Yes                                                                                                              |
| Miscellaneous  | Note: This Capacitor Uses Wound Technology Rather Than Stacked, Above 85C DC And AC Voltage Derating Is 1.25%/C. |

### Specifications

|                       |                     |
|-----------------------|---------------------|
| Capacitance           | 2200 pF             |
| Capacitance Tolerance | 5%                  |
| Voltage AC            | 220 VAC             |
| Voltage DC            | 630 VDC             |
| Temperature Range     | -55/+105°C          |
| Rated Temperature     | 85°C                |
| Dissipation Factor    | 1% 1kHz, 1.5% 10kHz |
| Insulation Resistance | 30 GOhms            |
| Max dV/dt             | 40 V/us             |
| Inductance            | 8 nH                |

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

### Dimensions

|    |                   |
|----|-------------------|
| L  | 10mm +0.2mm       |
| H  | 8mm +0.1mm        |
| T  | 3mm +0.1mm        |
| S  | 7.5mm +0.6/-0.1mm |
| H0 | 18.5mm +/-0.5mm   |
| F  | 0.5mm +/-0.05mm   |

### Packaging Specifications

|                    |                         |
|--------------------|-------------------------|
| Packaging          | Ammo, 360x340x59mm, Box |
| Packaging Quantity | 2800                    |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.