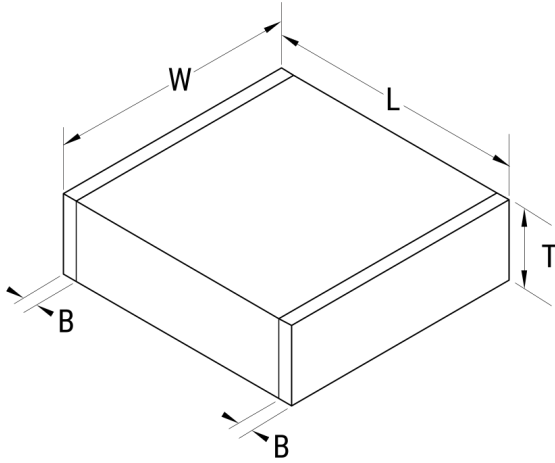


## LDECD3680MA5N00

Aliases (DECD3680MA5N00)

LDE, Film, Metallized PEN Stacked, Automotive Grade, 0.68 uF, 20%, 40 VAC, 50 VDC, 125°C, 2220, 3.3mm



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

### Dimensions

|           |                   |
|-----------|-------------------|
| Chip Size | 2220              |
| L         | 6mm +/-0.3mm      |
| W         | 5mm +/-0.4mm      |
| T         | 3.3mm MAX         |
| B         | 0.4mm +0.5/-0.3mm |

### Packaging Specifications

|                    |      |
|--------------------|------|
| Packaging          | T&R  |
| Packaging Quantity | 2250 |

### General Information

|                |                        |
|----------------|------------------------|
| Series         | LDE                    |
| Dielectric     | Metallized PEN Stacked |
| Style          | SMD Chip               |
| Features       | Automotive Grade       |
| RoHS           | Yes                    |
| Qualifications | AEC-Q200               |
| AEC-Q200       | Yes                    |
| Shelf Life     | 104 Weeks              |
| MSL            | 3                      |

### Specifications

|                       |             |
|-----------------------|-------------|
| Capacitance           | 0.68 uF     |
| Capacitance Tolerance | 20%         |
| Voltage AC            | 40 VAC      |
| Voltage DC            | 50 VDC      |
| Temperature Range     | -55/+125°C  |
| Rated Temperature     | 125°C       |
| Dissipation Factor    | 0.8% 1kHz   |
| Insulation Resistance | 588.2 MOhms |
| Max dV/dt             | 100 V/us    |