

LDEIH4100KA5N00

Aliases (DEIH4100KA5N00)

LDE, Film, Metallized PEN Stacked, Automotive Grade, 1 uF, 10%, 120 VAC, 250 VDC, 125°C, 6054, 4.6mm



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

Dimensions

| | |
|-----------|--------------------|
| Chip Size | 6054 |
| L | 15.5mm +0.4/-0.9mm |
| W | 13.7mm +/-0.5mm |
| T | 4.6mm MAX |
| B | 0.4mm +0.5/-0.3mm |

Packaging Specifications

| | |
|--------------------|-----|
| Packaging | T&R |
| Packaging Quantity | 750 |

General Information

| | |
|------------------|------------------------|
| Series | LDE |
| Dielectric | Metallized PEN Stacked |
| Style | SMD Chip |
| Features | Automotive Grade |
| RoHS | Yes |
| Qualifications | AEC-Q200 |
| AEC-Q200 | Yes |
| Component Weight | 2.133 g |
| Shelf Life | 104 Weeks |
| MSL | 2a |

Specifications

| | |
|-----------------------|------------|
| Capacitance | 1 uF |
| Capacitance Tolerance | 10% |
| Voltage AC | 120 VAC |
| Voltage DC | 250 VDC |
| Temperature Range | -55/+125°C |
| Rated Temperature | 125°C |
| Dissipation Factor | 0.8% 1kHz |
| Insulation Resistance | 400 MOhms |
| Max dV/dt | 100 V/us |