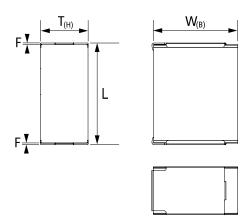


SMP255FC5820MD32TR32

Aliases (P106FK823M310V) SMP255, Film, Metallized Paper, Automotive Safety, 0.082 uF, 20%, 630 VDC, 310 VAC, 125°C, 6560, 10.2 mm



| General Information | |
|---------------------|------------------|
| Series | SMP255 |
| Dielectric | Metallized Paper |
| Style | SMD Chip |
| RoHS | Yes |
| Termination | Tin |
| Safety Class | X2 |
| AEC-Q200 | Yes |

Note: '()' correspond to the letters used in the product bulletin

Click here for the 3D model.

| Dimensions | |
|------------|---------------|
| Chip Size | 6560 |
| L | 17.8mm +0.4mm |
| W | 17mm +0.6mm |
| T | 10.2mm +0.4mm |
| F | 0.5mm NOM |

| Packaging Specifications | |
|--------------------------|-----------------------------|
| Packaging | T&R, Horizontal Orientation |
| Packaging Quantity | 270 |

| Specifications | |
|-----------------------|------------|
| Capacitance | 0.082 uF |
| Tolerance | 20% |
| Voltage DC | 630 VDC |
| Voltage AC | 310 VAC |
| Temperature Range | -40/+125°C |
| Rated Temperature | 125°C |
| Dissipation Factor | 1.3% 1kHz |
| Insulation Resistance | 12 GOhms |
| Max dV/dt | 1,200 V/us |

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