

SMP255FA5220MB31TR24

Aliases (P106YR223M310V)

SMP255, Film, Metallized Paper, Automotive Safety, 0.022 uF, 20%, 630 VDC, 310 VAC, 125°C, 5045, 6.5 mm



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

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

General Information

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

Dimensions

| | |
|-----------|---------------|
| Chip Size | 5045 |
| L | 12.7mm +0.4mm |
| W | 11.5mm +0.6mm |
| T | 6.5mm +0.4mm |
| F | 0.5mm NOM |

Packaging Specifications

| | |
|--------------------|-----------------------------|
| Packaging | T&R, Horizontal Orientation |
| Packaging Quantity | 600 |

Specifications

| | |
|-----------------------|------------|
| Capacitance | 0.022 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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