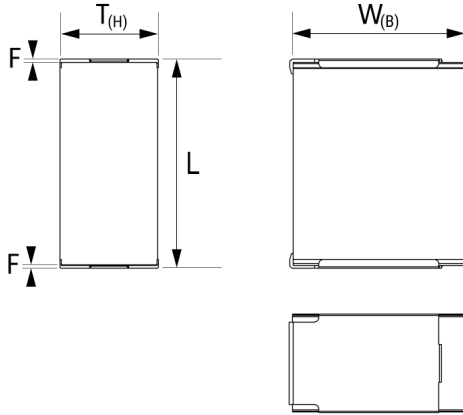


SMP253MA4250MTR24

Aliases (P101AA252M250V)

SMP253/P101, Film, Metallized Paper, Automotive Safety, 2500 pF, 20%, 250 VAC, 1500 VDC, 100°C, 5045, 6.5mm



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

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

Dimensions

| | |
|-----------|-----------------|
| Chip Size | 5045 |
| L | 12.7mm +/-0.2mm |
| W | 11.5mm +/-0.2mm |
| T | 6.5mm +/-0.2mm |
| F | 0.5mm NOM |

Packaging Specifications

| | |
|--------------------|-----|
| Packaging | T&R |
| Packaging Quantity | 600 |

General Information

| | |
|------------------|------------------|
| Series | SMP253/P101 |
| Dielectric | Metallized Paper |
| Style | SMD Chip |
| RoHS | Yes |
| Termination | Tin |
| Safety Class | Y2 |
| Qualifications | ENEC, cULus |
| AEC-Q200 | Yes |
| THB Performance | No |
| Component Weight | 1.6 g |

Specifications

| | |
|-----------------------|------------|
| Capacitance | 2500 pF |
| Capacitance Tolerance | 20% |
| Voltage AC | 250 VAC |
| Voltage DC | 1500 VDC |
| Temperature Range | -40/+100°C |
| Rated Temperature | 100°C |
| Dissipation Factor | 1.3% 1kHz |
| Insulation Resistance | 12 GOhms |
| Max dV/dt | 2000 V/us |