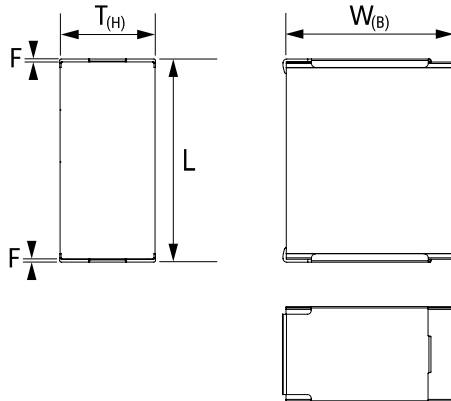


SMC12.7184J250B31TR24

Aliases (F125YR184J250V, SMC100HB6180JB31T1)

SMC/F125, Film, Metallized PPS, General Purpose, 0.18 uF, 5%, 250 VDC, 160 VAC, 100°C, 6.5 mm, 5045 / 127114



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

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

General Information

Series	SMC/F125
Dielectric	Metallized PPS
Style	SMD Chip
Features	High Stability
RoHS	Yes
AEC-Q200	No
Typical Component Weight	1.683 g
Shelf Life	104 Weeks
MSL	2

Dimensions

L	12.7mm +/-0.2mm
W	11.5mm +/-0.2mm
T	6.5mm +/-0.2mm
F	0.5mm NOM
Case Code (EIA / mm)	5045 / 127114

Packaging Specifications

Packaging	T&R
Packaging Quantity	600

Specifications

Capacitance	0.18 uF
Tolerance	5%
Voltage DC	250 VDC
Voltage AC	160 VAC
Temperature Range	-55/+125°C
Rated Temperature	100°C
Dissipation Factor	0.15% 1kHz, 0.25% 10kHz, 0.6% 100kHz
Insulation Resistance	30 GOhms
Max dV/dt	8 V/us

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