

KEMET Part Number: SMC12.7184H250B31TR24
(F125YR184R250V)



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SMC/F125, Film, Metallized PPS, General Purpose, 0.18 uF, 2.5%, 160 VAC, 250 VDC, 100°C, 5045, 6.5mm



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

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:	SMC/F125
Dielectric:	Metallized PPS
Style:	SMD Chip
Features:	High Stability
RoHS:	Yes
AEC-Q200:	No
Shelf Life:	104 Weeks
MSL:	2

Specifications	
Capacitance:	0.18 uF
Capacitance Tolerance:	2.5%
Voltage AC:	160 VAC
Voltage DC:	250 VDC
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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