

KEMET Part Number: SMC16.5275H50C31TR24
(F125ZS275R050V)



SMC/F125, Film, Metallized PPS, General Purpose, 2.7 uF, 2.5%, 30 VAC, 50 VDC, 100°C, 6560, 7mm



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

Dimensions	
Chip Size	6560
L	16.5mm +/-0.2mm
W	15mm +/-0.2mm
T	7mm +/-0.2mm
F	0.5mm NOM

Packaging Specifications	
Packaging:	T&R
Packaging Quantity:	500

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:	2.7 uF
Capacitance Tolerance:	2.5%
Voltage AC:	30 VAC
Voltage DC:	50 VDC
Temperature Range:	-55/+125°C
Rated Temperature:	100°C
Dissipation Factor:	0.15% 1kHz, 0.3% 10kHz
Insulation Resistance:	1.8518 GOhms
Max dV/dt:	2 V/us

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