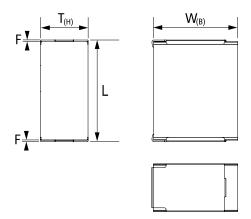


SMC16.5474J250C31TR24

Aliases (F125ZS474J250V, SMC100HC6470JC31T1) SMC/F125, Film, Metallized PPS, General Purpose, 0.47 uF, 5%, 250 VDC, 160 VAC, 100°C, 6560, 7 mm



General Information	
Series	SMC/F125
Dielectric	Metallized PPS
Style	SMD Chip
Features	High Stability
RoHS	Yes
AEC-Q200	No
Typical Component Weight	2.02 g
Shelf Life	104 Weeks
MSI	2

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

Click here for the 3D model.

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

Specifications	
Capacitance	0.47 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	21.2766 GOhms
Max dV/dt	5 V/us

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

Generated 08/23/2025 © 2006 - 2025 YAGEO