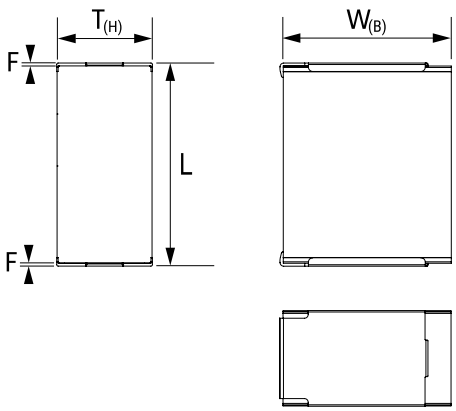
SMP255FA5180MB31TR24

Aliases (P106YR183M310V)

SMP255, Film, Metallized Paper, Automotive Safety, 0.018 uF, 20%, 630 VDC, 310 VAC, 125°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	SMP255
Dielectric	Metallized Paper
Style	SMD Chip
RoHS	Yes
Termination	Tin
Safety Class	X2

Dimensions	
L	12.7mm +0.4mm
W	11.5mm +0.6mm
T	6.5mm +0.4mm
F	0.5mm NOM
Case Code (EIA / mm)	5045 / 127114

Packaging Specifications	
Packaging	T&R, Horizontal Orientation
Packaging Quantity	600

Specifications	
Capacitance	0.018 uF
Tolerance	20%
Voltage DC	630 VDC
Voltage AC	310 VAC
Temperature Range	-40/+125°C
Rated Temperature	125°C
Dissipation Factor	1.3% 1kHz
Insulation Resistance	12 GOhms
Max dV/dt	1,200 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.

© 2006 - 2026 YAGEO