

A700V825M016ATE045

A700, Polymer Aluminum, 8.2 uF, 20%, 16 VDC, -55/+125°C, Height Max = 2mm



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

Dimensions

L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
H	2mm MAX
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm

Packaging Specifications

Packaging	T&R, 180mm
Packaging Quantity	1000

General Information

Series	A700
Dielectric	Polymer Aluminum
Style	SMD Chip
Description	Surface Mount, Polymer Aluminum
RoHS	Yes
Termination	Tin
Qualifications	UL94V-0
AEC-Q200	No
Halogen Free	Yes
Component Weight	132.72 mg
Footprint	7343
Shelf Life	104 Weeks
MSL	3

Specifications

Capacitance	8.2 uF
Capacitance Tolerance	20%
Voltage DC	16 VDC
Temperature Range	-55/+125°C
Rated Temperature	125°C
Dissipation Factor	6% 120Hz 25C
Resistance	45 mOhms (100kHz 25C)
Ripple Current	2400 mA (rms 100kHz)
Leakage Current	5.248 uA (5min 25°C)