

AFK687M16G24T-F





Part Number: [AFK687M16G24T-F](#)

Manufacturer: [Cornell Dubilier Electronics](#)

Description: CAP ALUM 680UF 20% 16V SMD

Data sheet:  [AFK Series](#)

RoHs Status: Lead free / RoHS Compliant

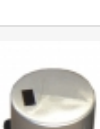
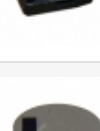
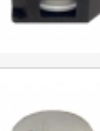
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PRODUCT PARAMETER			
Part Number	AFK687M16G24T-F	Manufacturer	Cornell Dubilier Electronics
Description	CAP ALUM 680UF 20% 16V SMD	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	126888 pcs	Data sheet	AFK Series
Category	Capacitors	Voltage - Rated	16V
Tolerance	±20%	Surface Mount Land Size	0.406" L x 0.473" W (10.30mm x 12.00mm)
Size / Dimension	0.394" Dia (10.00mm)	Series	AFK
Ripple Current @ Low Frequency	637.5mA @ 120Hz	Ripple Current @ High Frequency	850mA @ 100kHz
Ratings	AEC-Q200	Polarization	Polar
Packaging	Tape & Reel (TR)	Package / Case	Radial, Can - SMD
Other Names	338-2218-2 AFK687M16G24T-F-ND AFK687M16G24TF	Operating Temperature	-55°C ~ 105°C
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	20 Weeks	Lifetime @ Temp.	2000 Hrs @ 105°C
Lead Spacing	-	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Impedance	80 mOhms	Height - Seated (Max)	0.413" (10.50mm)
ESR (Equivalent Series Resistance)	80 mOhm @ 100kHz	Detailed Description	680µF 16V Aluminum Electrolytic Capacitors Radial, Can - SMD 80 mOhm @ 100kHz 2000 Hrs @ 105°C
Capacitance	680µF	Applications	Automotive, Bypass, Decoupling
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