

AFK107M06C12T-F





Part Number: [AFK107M06C12T-F](#)

Manufacturer: [Cornell Dubilier Electronics](#)

Description: CAP ALUM 100UF 20% 6.3V SMD

Data sheet:  [AFK Series](#)

RoHS Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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PRODUCT PARAMETER			
Part Number	AFK107M06C12T-F	Manufacturer	Cornell Dubilier Electronics
Description	CAP ALUM 100UF 20% 6.3V SMD	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	271753 pcs	Data sheet	AFK Series
Category	Capacitors	Voltage - Rated	6.3V
Tolerance	±20%	Surface Mount Land Size	0.209" L x 0.256" W (5.30mm x 6.50mm)
Size / Dimension	0.197" Dia (5.00mm)	Series	AFK
Ripple Current @ Low Frequency	120mA @ 120Hz	Ripple Current @ High Frequency	160mA @ 100kHz
Ratings	AEC-Q200	Polarization	Polar
Packaging	Tape & Reel (TR)	Package / Case	Radial, Can - SMD
Other Names	338-2138-2 AFK107M06C12T-F-ND AFK107M06C12TF	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	700 mOhms	Height - Seated (Max)	0.240" (6.10mm)
ESR (Equivalent Series Resistance)	700 mOhm @ 100kHz	Detailed Description	100µF 6.3V Aluminum Electrolytic Capacitors Radial, Can - SMD 700 mOhm @ 100kHz 2000 Hrs @ 105°C
Capacitance	100µF	Applications	Automotive, Bypass, Decoupling
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