

AFK107M80H32B-F





CORNELL  
DUBILIER

ENERGIZING IDEAS

Part Number: [AFK107M80H32B-F](#)

Manufacturer: [Cornell Dubilier Electronics](#)

Description: CAP ALUM 100UF 20% 80V SMD

Data sheet:  [AFK Series](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                      |                            |                                 |                                                                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|-------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                            | AFK107M80H32B-F            | Manufacturer                    | <a href="#">Cornell Dubilier Electronics</a>                                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                            | CAP ALUM 100UF 20% 80V SMD | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                     | 63036 pcs                  | Data sheet                      | <a href="#">AFK Series</a>                                                                      |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Capacitors</a> | Voltage - Rated                 | 80V                                                                                             |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                              | ±20%                       | Surface Mount Land Size         | 0.531" L x 0.590" W (13.50mm x 15.00mm)                                                         |
| Size / Dimension                                                                                                                                                                                                                                                                                                                                                                                                                       | 0.492" Dia (12.50mm)       | Series                          | AFK                                                                                             |
| Ripple Current @ Low Frequency                                                                                                                                                                                                                                                                                                                                                                                                         | 375mA @ 120Hz              | Ripple Current @ High Frequency | 500mA @ 100kHz                                                                                  |
| Ratings                                                                                                                                                                                                                                                                                                                                                                                                                                | AEC-Q200                   | Polarization                    | Polar                                                                                           |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                              | Bulk                       | Package / Case                  | Radial, Can - SMD                                                                               |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                  | -55°C ~ 105°C              | Mounting Type                   | Surface Mount                                                                                   |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                       | 1 (Unlimited)              | Lifetime @ Temp.                | 5000 Hrs @ 105°C                                                                                |
| Lead Spacing                                                                                                                                                                                                                                                                                                                                                                                                                           | -                          | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                      |
| Impedance                                                                                                                                                                                                                                                                                                                                                                                                                              | 320 mOhms                  | Height - Seated (Max)           | 0.551" (14.00mm)                                                                                |
| ESR (Equivalent Series Resistance)                                                                                                                                                                                                                                                                                                                                                                                                     | 320 mOhm @ 100kHz          | Detailed Description            | 100µF 80V Aluminum Electrolytic Capacitors Radial, Can - SMD 320 mOhm @ 100kHz 5000 Hrs @ 105°C |
| Capacitance                                                                                                                                                                                                                                                                                                                                                                                                                            | 100µF                      | Applications                    | Automotive, Bypass, Decoupling                                                                  |
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|  | Part#: <a href="#">AFK108M25H32B-F</a><br>Description: CAP ALUM 1000UF 20% 25V SMD   | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AFK107M35F24VT-F</a><br>Description: CAP ALUM 100UF 20% 35V SMD   | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | <div>RFQ</div> |
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