

AFK226M16B12T-F





**Part Number:** [AFK226M16B12T-F](#)

**Manufacturer:** [Cornell Dubilier Electronics](#)

**Description:** CAP ALUM 22UF 20% 16V SMD

**Data sheet:**  [AFK Series](#)

**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                    |                                  |                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|----------------------------------|------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | AFK226M16B12T-F                                    | Manufacturer                     | <a href="#">Cornell Dubilier Electronics</a>                                                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | CAP ALUM 22UF 20% 16V SMD                          | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 436649 pcs                                         | Data sheet                       | <a href="#">AFK Series</a>                                                                     |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Capacitors</a>                         | Voltage - Rated                  | 16V                                                                                            |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ±20%                                               | Surface Mount Land Size          | 0.169" L x 0.217" W (4.30mm x 5.50mm)                                                          |
| Size / Dimension                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0.157" Dia (4.00mm)                                | Series                           | AFK                                                                                            |
| Ripple Current @ Low Frequency                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 67.5mA @ 120Hz                                     | Ripple Current @ High Frequency  | 90mA @ 100kHz                                                                                  |
| Ratings                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | AEC-Q200                                           | Polarization                     | Polar                                                                                          |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Tape & Reel (TR)                                   | Package / Case                   | Radial, Can - SMD                                                                              |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 338-2159-2<br>AFK226M16B12T-F-ND<br>AFK226M16B12TF | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1.35 Ohms                                          | Height - Seated (Max)            | 0.240" (6.10mm)                                                                                |
| ESR (Equivalent Series Resistance)                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1.35 Ohm @ 100kHz                                  | Detailed Description             | 22µF 16V Aluminum Electrolytic Capacitors Radial, Can - SMD 1.35 Ohm @ 100kHz 2000 Hrs @ 105°C |
| Capacitance                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 22µF                                               | Applications                     | Automotive, Bypass, Decoupling                                                                 |
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| RELATED PRODUCTS                                                                   |                                                                                     |                                                             |                     |
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|  | Part#: <a href="#">AFK158M35P44VT-F</a><br>Description: CAP ALUM 1500UF 20% 35V SMD | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AFK226M50D16B-F</a><br>Description: CAP ALUM 22UF 20% 50V SMD    | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AFK226M16C12B-F</a><br>Description: CAP ALUM 22UF 20% 16V SMD    | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AFK158M50S44VT-F</a><br>Description: SMT-AL(V-CHIP)              | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AFK226M06B12T-F</a><br>Description: CAP ALUM 22UF 20% 6.3V SMD   | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AFK226M10B12B-F</a><br>Description: CAP ALUM 22UF 20% 10V SMD    | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AFK226M06B12B-F</a><br>Description: CAP ALUM 22UF 20% 6.3V SMD   | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AFK226M16C12T-F</a><br>Description: CAP ALUM 22UF 20% 16V SMD    | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AFK226M25C12T-F</a><br>Description: CAP ALUM 22UF 20% 25V SMD    | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AFK226M35C12T-F</a><br>Description: CAP ALUM 22UF 20% 35V SMD    | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AFK1812</a><br>Description: FLR STND KIT (QTY 2) 18.00X12.06     | Manufacturers: <a href="#">Hoffmann</a>                     | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AFK226M2AF24T-F</a><br>Description: CAP ALUM 22UF 20% 100V SMD   | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">AFK226M10B12T-F</a><br>Description: CAP ALUM 22UF 20% 10V SMD    | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | <a href="#">RFQ</a> |
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