

AFC227M06E16B-F





Part Number:

AFC227M06E16B-F

Manufacturer:

Cornell Dubilier Electronics

Description:

CAP ALUM 220UF 20% 6.3V SMD

Data sheet:

 [AFC Type](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

Shipment Way:

DHL/Fedex/TNT/UPS/EMS

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                             |                                 |                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|---------------------------------|----------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | AFC227M06E16B-F             | Manufacturer                    | <a href="#">Cornell Dubilier Electronics</a>                                                 |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | CAP ALUM 220UF 20% 6.3V SMD | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 205137 pcs                  | Data sheet                      | <a href="#">AFC Type</a>                                                                     |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Capacitors</a>  | Voltage - Rated                 | 6.3V                                                                                         |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ±20%                        | Surface Mount Land Size         | 0.327" L x 0.327" W (8.30mm x 8.30mm)                                                        |
| Size / Dimension                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0.315" Dia (8.00mm)         | Series                          | AFC                                                                                          |
| Ripple Current @ Low Frequency                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 172.5mA @ 120Hz             | Ripple Current @ High Frequency | 230mA @ 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.                | 1000 Hrs @ 105°C                                                                             |
| Lead Spacing                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | -                           | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                   |
| Impedance                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 400 mOhms                   | Height - Seated (Max)           | 0.244" (6.20mm)                                                                              |
| ESR (Equivalent Series Resistance)                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2 Ohm @ 120Hz               | Detailed Description            | 220µF 6.3V Aluminum Electrolytic Capacitors Radial, Can - SMD 2 Ohm @ 120Hz 1000 Hrs @ 105°C |
| Capacitance                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 220µF                       | Applications                    | Automotive, Bypass, Decoupling                                                               |
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