

AHA477M06F24B-F





**CORNELL DUBILIER**  
ENERGIZING IDEAS

Part Number: [AHA477M06F24B-F](#)

Manufacturer: [Cornell Dubilier Electronics](#)

Description: CAP ALUM 470UF 20% 6.3V SMD

Data sheet:  [AHA 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                                                                                                                                                                                                                                                                                                                                                                                                                             | AHA477M06F24B-F                                                                                | Manufacturer                       | <a href="#">Cornell Dubilier Electronics</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                             | CAP ALUM 470UF 20% 6.3V SMD                                                                    | Lead Free Status / RoHS Status     | Lead free / RoHS Compliant                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                      | 193709 pcs                                                                                     | Data sheet                         | <a href="#">AHA 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                             | AHA                                          |
| Ripple Current @ Low Frequency                                                                                                                                                                                                                                                                                                                                                                                                          | 300mA @ 120Hz                                                                                  | Ripple Current @ High Frequency    | 510mA @ 10kHz                                |
| 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.                   | 2000 Hrs @ 105°C                             |
| Lead Spacing                                                                                                                                                                                                                                                                                                                                                                                                                            | -                                                                                              | Lead Free Status / RoHS Status     | Lead free / RoHS Compliant                   |
| Height - Seated (Max)                                                                                                                                                                                                                                                                                                                                                                                                                   | 0.402" (10.20mm)                                                                               | ESR (Equivalent Series Resistance) | 1.2 Ohm @ 120Hz                              |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                    | 470µF 6.3V Aluminum Electrolytic Capacitors Radial, Can - SMD 1.2 Ohm @ 120Hz 2000 Hrs @ 105°C | Capacitance                        | 470µF                                        |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                            | Automotive, Bypass, Decoupling                                                                 |                                    |                                              |
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|  | Part#: <a href="#">AHA476M50G24T-F</a><br>Description: CAP ALUM 47UF 20% 50V SMD   | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | <div>RFQ</div> |
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