

AEB686M2ES44T-F





**Part Number:** [AEB686M2ES44T-F](#)

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

**Description:** CAP ALUM 68UF 20% 250V SMD

**Data sheet:**  [AEB Type](#)

**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                                                                                                                                                                                                                                                                                                                                                                                                                            | AEB686M2ES44T-F                                                               | Manufacturer                       | <a href="#">Cornell Dubilier Electronics</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                            | CAP ALUM 68UF 20% 250V SMD                                                    | Lead Free Status / RoHS Status     | Lead free / RoHS Compliant                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                     | 34426 pcs                                                                     | Data sheet                         | <a href="#">AEB Type</a>                     |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Capacitors</a>                                                    | Voltage - Rated                    | 250V                                         |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                              | ±20%                                                                          | Surface Mount Land Size            | 0.748" L x 0.748" W (19.00mm x 19.00mm)      |
| Size / Dimension                                                                                                                                                                                                                                                                                                                                                                                                                       | 0.709" Dia (18.00mm)                                                          | Series                             | AEB                                          |
| Ripple Current @ Low Frequency                                                                                                                                                                                                                                                                                                                                                                                                         | 544.5mA @ 120Hz                                                               | Ripple Current @ High Frequency    | 990mA @ 100kHz                               |
| Ratings                                                                                                                                                                                                                                                                                                                                                                                                                                | -                                                                             | Polarization                       | Polar                                        |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                              | Tape & Reel (TR)                                                              | Package / Case                     | Radial, Can - SMD                            |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                  | -25°C ~ 105°C                                                                 | Mounting Type                      | Surface Mount                                |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                       | 1 (Unlimited)                                                                 | Manufacturer Standard Lead Time    | 16 Weeks                                     |
| Lifetime @ Temp.                                                                                                                                                                                                                                                                                                                                                                                                                       | 5000 Hrs @ 105°C                                                              | Lead Spacing                       | -                                            |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                         | Lead free / RoHS Compliant                                                    | Impedance                          | 600 mOhms                                    |
| Height - Seated (Max)                                                                                                                                                                                                                                                                                                                                                                                                                  | 0.846" (21.50mm)                                                              | ESR (Equivalent Series Resistance) | -                                            |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                   | 68µF 250V Aluminum Electrolytic Capacitors Radial, Can - SMD 5000 Hrs @ 105°C | Capacitance                        | 68µF                                         |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                           | General Purpose                                                               |                                    |                                              |
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|  | Part#: <a href="#">AEB686M2CU44B-F</a><br>Description: CAP ALUM 68UF 20% 160V SMD | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | RFQ |
|  | Part#: <a href="#">AEB686M2CR44B-F</a><br>Description: CAP ALUM 68UF 20% 160V SMD | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | RFQ |
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|  | Part#: <a href="#">AEB476M2EU44B-F</a><br>Description: CAP ALUM 47UF 20% 250V SMD | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | RFQ |
|  | Part#: <a href="#">AEB476M2VS44B-F</a><br>Description: CAP ALUM 47UF 20% 350V SMD | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | RFQ |
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|  | Part#: <a href="#">AEB476M2EU44T-F</a><br>Description: CAP ALUM 47UF 20% 250V SMD | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | RFQ |
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