

AHA106M25C12T-F





**Part Number:** [AHA106M25C12T-F](#)

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

**Description:** CAP ALUM 10UF 20% 25V 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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See Product Specifications for product details.  
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| PRODUCT PARAMETER                  |                            |                                 |                                                                                               |
|------------------------------------|----------------------------|---------------------------------|-----------------------------------------------------------------------------------------------|
| Part Number                        | AHA106M25C12T-F            | Manufacturer                    | <a href="#">Cornell Dubilier Electronics</a>                                                  |
| Description                        | CAP ALUM 10UF 20% 25V SMD  | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                    |
| Quantity Available                 | 487633 pcs                 | Data sheet                      | <a href="#">AHA Type</a>                                                                      |
| Category                           | <a href="#">Capacitors</a> | Voltage - Rated                 | 25V                                                                                           |
| Tolerance                          | ±20%                       | Surface Mount Land Size         | 0.209" L x 0.209" W (5.30mm x 5.30mm)                                                         |
| Size / Dimension                   | 0.197" Dia (5.00mm)        | Series                          | AHA                                                                                           |
| Ripple Current @ Low Frequency     | 28mA @ 120Hz               | Ripple Current @ High Frequency | 47.6mA @ 10kHz                                                                                |
| Ratings                            | AEC-Q200                   | Polarization                    | Polar                                                                                         |
| Packaging                          | Tape & Reel (TR)           | Package / Case                  | Radial, Can - SMD                                                                             |
| Operating Temperature              | -55°C ~ 105°C              | Mounting Type                   | Surface Mount                                                                                 |
| Moisture Sensitivity Level (MSL)   | 1 (Unlimited)              | Manufacturer Standard Lead Time | 20 Weeks                                                                                      |
| Lifetime @ Temp.                   | 1000 Hrs @ 105°C           | Lead Spacing                    | -                                                                                             |
| Lead Free Status / RoHS Status     | Lead free / RoHS Compliant | Height - Seated (Max)           | 0.213" (5.40mm)                                                                               |
| ESR (Equivalent Series Resistance) | 23.2 Ohm @ 120Hz           | Detailed Description            | 10µF 25V Aluminum Electrolytic Capacitors Radial, Can - SMD 23.2 Ohm @ 120Hz 1000 Hrs @ 105°C |
| Capacitance                        | 10µF                       | Applications                    | Automotive, Bypass, Decoupling                                                                |

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|  | Part#: <a href="#">AHA106M2A24T-F</a><br>Description: CAP ALUM 10UF 20% 100V SMD  | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AHA106M16B12B-F</a><br>Description: CAP ALUM 10UF 20% 16V SMD  | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">AHA106M35C12B-F</a><br>Description: CAP ALUM 10UF 20% 35V SMD  | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">AHA104M50B12B-F</a><br>Description: CAP ALUM 0.1UF 20% 50V SMD | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">AHA104M50B12T-F</a><br>Description: CAP ALUM 0.1UF 20% 50V SMD | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AHA106M63E16B-F</a><br>Description: CAP ALUM 10UF 20% 63V SMD  | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | <a href="#">RFQ</a> |
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