

MAL211815681E3





Part Number: [MAL211815681E3](#)

Manufacturer: [Electro-Films \(EFI\) / Vishay](#)

Description: CAP ALUM 680UF 20% 16V AXIAL

Data sheet:  [118 AHT \(MAL2118\) 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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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                 |                                    |                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|------------------------------------|----------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | MAL211815681E3                                                                  | Manufacturer                       | <a href="#">Electro-Films (EFI) / Vishay</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | CAP ALUM 680UF 20% 16V AXIAL                                                    | Lead Free Status / RoHS Status     | Lead free / RoHS Compliant                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 62512 pcs                                                                       | Data sheet                         | <a href="#">118 AHT (MAL2118) Series</a>     |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <a href="#">Capacitors</a>                                                      | Voltage - Rated                    | 16V                                          |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ±20%                                                                            | Surface Mount Land Size            | -                                            |
| Size / Dimension                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0.394" Dia x 1.181" L (10.00mm x 30.00mm)                                       | Series                             | 118 AHT                                      |
| Ripple Current @ High Frequency                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 612mA @ 10kHz                                                                   | Ratings                            | -                                            |
| Polarization                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Polar                                                                           | Packaging                          | Bulk                                         |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Axial, Can                                                                      | Other Names                        | 2222 118 15681<br>222211815681<br>4119PHBK   |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -55°C ~ 125°C                                                                   | Mounting Type                      | Through Hole                                 |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1 (Unlimited)                                                                   | Manufacturer Standard Lead Time    | 8 Weeks                                      |
| Lifetime @ Temp.                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 8000 Hrs @ 125°C                                                                | Lead Spacing                       | -                                            |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Lead free / RoHS Compliant                                                      | Impedance                          | 450 mOhms                                    |
| Height - Seated (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -                                                                               | ESR (Equivalent Series Resistance) | 525 mOhm                                     |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 680µF 16V Aluminum Electrolytic Capacitors Axial, Can 525 mOhm 8000 Hrs @ 125°C | Capacitance                        | 680µF                                        |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Automotive                                                                      |                                    |                                              |
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| RELATED PRODUCTS                                                                   |                                                                                     |                                                             |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------|----------------|
|  | Part#: <a href="#">MAL211814332E3</a><br>Description: CAP ALUM 3300UF 20% 10V AXIAL | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAL211814222E3</a><br>Description: CAP ALUM 2200UF 20% 10V AXIAL | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAL211816102E3</a><br>Description: CAP ALUM 1000UF 20% 25V AXIAL | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAL211815682E3</a><br>Description: CAP ALUM 680UF 20% 16V AXIAL  | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAL211815222E3</a><br>Description: CAP ALUM 2200UF 20% 16V AXIAL | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAL211814152E3</a><br>Description: CAP ALUM 1500UF 20% 10V AXIAL | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAL211816471E3</a><br>Description: CAP ALUM 470UF 20% 25V AXIAL  | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAL211816222E3</a><br>Description: CAP ALUM 2200UF 20% 25V AXIAL | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAL211814682E3</a><br>Description: CAP ALUM 6800UF 20% 10V AXIAL | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAL211815152E3</a><br>Description: CAP ALUM 1500UF 20% 16V AXIAL | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAL211814472E3</a><br>Description: CAP ALUM 4700UF 20% 10V AXIAL | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAL211815472E3</a><br>Description: CAP ALUM 4700UF 20% 16V AXIAL | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAL211815102E3</a><br>Description: CAP ALUM 1000UF 20% 16V AXIAL | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAL211816472E3</a><br>Description: CAP ALUM 4700UF 20% 25V AXIAL | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAL211816152E3</a><br>Description: CAP ALUM 1500UF 20% 25V AXIAL | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAL211817102E3</a><br>Description: CAP ALUM 1000UF 20% 40V AXIAL | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAL211817152E3</a><br>Description: CAP ALUM 1500UF 20% 40V AXIAL | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAL211816332E3</a><br>Description: CAP ALUM 3300UF 20% 25V AXIAL | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAL211815332E3</a><br>Description: CAP ALUM 3300UF 20% 16V AXIAL | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
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