

MAL216099604E3





Part Number: [MAL216099604E3](#)

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

Description: CAP ALUM 1000UF 20% 25V SMD

Data sheet:  [160 CLA \(MAL2160\\_99\) 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                                                                                                                                                                                                                                                                                                                                                                                                                           | MAL216099604E3                                                                 | Manufacturer                       | <a href="#">Electro-Films (EFI) / Vishay</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                           | CAP ALUM 1000UF 20% 25V SMD                                                    | Lead Free Status / RoHS Status     | Lead free / RoHS Compliant                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                    | 34654 pcs                                                                      | Data sheet                         | <a href="#">160 CLA (MAL2160_99) Series</a>  |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                              | <a href="#">Capacitors</a>                                                     | Voltage - Rated                    | 25V                                          |
| 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                             | 160 CLA                                      |
| Ripple Current @ High Frequency                                                                                                                                                                                                                                                                                                                                                                                                       | 830mA @ 100kHz                                                                 | Ratings                            | AEC-Q200                                     |
| Polarization                                                                                                                                                                                                                                                                                                                                                                                                                          | Polar                                                                          | Packaging                          | Tape & Reel (TR)                             |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                        | Radial, Can - SMD                                                              | Other Names                        | 4630PHTR                                     |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                 | -55°C ~ 150°C                                                                  | Mounting Type                      | Surface Mount                                |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                      | 1 (Unlimited)                                                                  | Manufacturer Standard Lead Time    | 14 Weeks                                     |
| Lifetime @ Temp.                                                                                                                                                                                                                                                                                                                                                                                                                      | 1500 Hrs @ 150°C                                                               | Lead Spacing                       | -                                            |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                        | Lead free / RoHS Compliant                                                     | Impedance                          | 50 mOhms                                     |
| Height - Seated (Max)                                                                                                                                                                                                                                                                                                                                                                                                                 | 0.669" (17.00mm)                                                               | ESR (Equivalent Series Resistance) | -                                            |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                  | 1000µF 25V Aluminum Electrolytic Capacitors Radial, Can - SMD 1500 Hrs @ 150°C | Capacitance                        | 1000µF                                       |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                          | Automotive                                                                     |                                    |                                              |
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| RELATED PRODUCTS                                                                   |                                                                                   |                                                             |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------|----------------|
|  | Part#: <a href="#">MAL216099601E3</a><br>Description: CAP ALUM 330UF 20% 25V SMD  | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAL216099603E3</a><br>Description: CAP ALUM 680UF 20% 25V SMD  | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAL216099507E3</a><br>Description: CAP ALUM 3300UF 20% 16V SMD | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAL216099803E3</a><br>Description: CAP ALUM 100UF 20% 63V SMD  | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAL216099502E3</a><br>Description: CAP ALUM 680UF 20% 16V SMD  | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAL216099704E3</a><br>Description: CAP ALUM 220UF 20% 80V SMD  | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAL216099501E3</a><br>Description: CAP ALUM 470UF 20% 16V SMD  | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAL216099701E3</a><br>Description: CAP ALUM 68UF 20% 80V SMD   | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAL216099802E3</a><br>Description: CAP ALUM 68UF 20% 63V SMD   | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAL216099801E3</a><br>Description: CAP ALUM 47UF 20% 63V SMD   | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAL216099702E3</a><br>Description: CAP ALUM 100UF 20% 80V SMD  | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAL216099504E3</a><br>Description: CAP ALUM 1500UF 20% 16V SMD | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAL216099602E3</a><br>Description: CAP ALUM 470UF 20% 25V SMD  | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAL216099506E3</a><br>Description: CAP ALUM 2700UF 20% 16V SMD | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAL216099505E3</a><br>Description: CAP ALUM 2200UF 20% 16V SMD | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAL216099606E3</a><br>Description: CAP ALUM 2200UF 20% 25V SMD | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAL216099503E3</a><br>Description: CAP ALUM 1000UF 20% 16V SMD | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAL216099703E3</a><br>Description: CAP ALUM 150UF 20% 80V SMD  | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
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