

MAL214255102E3





**Part Number:** [MAL214255102E3](#)

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

**Description:** CAP ALUM 1000UF 20% 16V RADIAL

**Data sheet:**  [142 RHS \(MAL2142\) Series](#)

**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

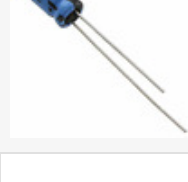
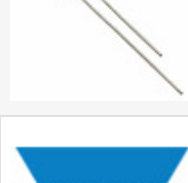
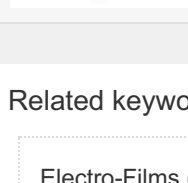
Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                  |                                |                                 |                                                                          |
|------------------------------------|--------------------------------|---------------------------------|--------------------------------------------------------------------------|
| Part Number                        | MAL214255102E3                 | Manufacturer                    | <a href="#">Electro-Films (EFI) / Vishay</a>                             |
| Description                        | CAP ALUM 1000UF 20% 16V RADIAL | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                               |
| Quantity Available                 | 300714 pcs                     | Data sheet                      | <a href="#">142 RHS (MAL2142) Series</a>                                 |
| Category                           | <a href="#">Capacitors</a>     | Voltage - Rated                 | 16V                                                                      |
| Tolerance                          | ±20%                           | Surface Mount Land Size         | -                                                                        |
| Size / Dimension                   | 0.394" Dia (10.00mm)           | Series                          | 142 RHS                                                                  |
| Ripple Current @ High Frequency    | 756mA @ 10kHz                  | Ratings                         | -                                                                        |
| Polarization                       | -                              | Packaging                       | Bulk                                                                     |
| Package / Case                     | Radial, Can                    | Other Names                     | 4607PHBK<br>MAL214255102E3-ND                                            |
| Operating Temperature              | -40°C ~ 105°C                  | Mounting Type                   | Through Hole                                                             |
| Moisture Sensitivity Level (MSL)   | 1 (Unlimited)                  | Manufacturer Standard Lead Time | 14 Weeks                                                                 |
| Lifetime @ Temp.                   | 2500 Hrs @ 105°C               | Lead Spacing                    | 0.197" (5.00mm)                                                          |
| Lead Free Status / RoHS Status     | Lead free / RoHS Compliant     | Height - Seated (Max)           | 0.689" (17.50mm)                                                         |
| ESR (Equivalent Series Resistance) | -                              | Detailed Description            | 1000µF 16V Aluminum Electrolytic Capacitors Radial, Can 2500 Hrs @ 105°C |
| Capacitance                        | 1000µF                         | Applications                    | General Purpose                                                          |

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| RELATED PRODUCTS                                                                   |                                                                                       |                                                             |                     |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">MAL214255331E3</a><br>Description: CAP ALUM 330UF 20% 16V RADIAL   | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAL214255103E3</a><br>Description: CAP ALUM 10000UF 20% 16V RADIAL | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAL214255682E3</a><br>Description: CAP ALUM 6800UF 20% 16V RADIAL  | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAL214255332E3</a><br>Description: CAP ALUM 3300UF 20% 16V RADIAL  | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAL214254785E3</a><br>Description: CAP ALUM 4.7UF 20% 350V RADIAL  | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAL214255101E3</a><br>Description: CAP ALUM 100UF 20% 16V RADIAL   | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAL214254796E3</a><br>Description: CAP ALUM 47UF 20% 400V RADIAL   | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAL214255221E3</a><br>Description: CAP ALUM 220UF 20% 16V RADIAL   | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAL214254472E3</a><br>Description: CAP ALUM 4700UF 20% 10V RADIAL  | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAL214256101E3</a><br>Description: CAP ALUM 100UF 20% 25V RADIAL   | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAL214255472E3</a><br>Description: CAP ALUM 4700UF 20% 16V RADIAL  | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAL214254682E3</a><br>Description: CAP ALUM 6800UF 20% 10V RADIAL  | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAL214255471E3</a><br>Description: CAP ALUM 470UF 20% 16V RADIAL   | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAL214254793E3</a><br>Description: CAP ALUM 47UF 20% 250V RADIAL   | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAL214254795E3</a><br>Description: CAP ALUM 47UF 20% 350V RADIAL   | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAL214254786E3</a><br>Description: CAP ALUM 4.7UF 20% 400V RADIAL  | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAL214254471E3</a><br>Description: CAP ALUM 470UF 20% 10V RADIAL   | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAL214254783E3</a><br>Description: CAP ALUM 4.7UF 20% 250V RADIAL  | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAL214256102E3</a><br>Description: CAP ALUM 1000UF 20% 25V RADIAL  | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAL214255222E3</a><br>Description: CAP ALUM 2200UF 20% 16V RADIAL  | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |

| Related keywords for MAL214255102E3         |                                             |                                     |                                     |
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| MAL214255102E3                              |                                             |                                     |                                     |