

MAL214251102E3



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**Part Number:** [MAL214251102E3](#)

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

**Description:** CAP ALUM 1000UF 20% 50V RADIAL

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

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

**Ship From:** Hong Kong

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

[Request For Quotation](#)

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                      |                                |                                 |                                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------------------|--------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                            | MAL214251102E3                 | Manufacturer                    | <a href="#">Electro-Films (EFI) / Vishay</a>                             |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                            | CAP ALUM 1000UF 20% 50V RADIAL | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                     | 107948 pcs                     | Data sheet                      | <a href="#">142 RHS (MAL2142) Series</a>                                 |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Capacitors</a>     | Voltage - Rated                 | 50V                                                                      |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                              | ±20%                           | Surface Mount Land Size         | -                                                                        |
| Size / Dimension                                                                                                                                                                                                                                                                                                                                                                                                                       | 0.492" Dia (12.50mm)           | Series                          | 142 RHS                                                                  |
| Ripple Current @ High Frequency                                                                                                                                                                                                                                                                                                                                                                                                        | 1.282A @ 10kHz                 | Ratings                         | -                                                                        |
| Polarization                                                                                                                                                                                                                                                                                                                                                                                                                           | -                              | Packaging                       | Bulk                                                                     |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                         | Radial, Can                    | Other Names                     | 4603PHBK<br>MAL214251102E3-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)           | 1.063" (27.00mm)                                                         |
| ESR (Equivalent Series Resistance)                                                                                                                                                                                                                                                                                                                                                                                                     | -                              | Detailed Description            | 1000µF 50V Aluminum Electrolytic Capacitors Radial, Can 2500 Hrs @ 105°C |
| Capacitance                                                                                                                                                                                                                                                                                                                                                                                                                            | 1000µF                         | Applications                    | General Purpose                                                          |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Electro-Films (EFI) / Vishay series electronic components. We have 107948 pieces of Electro-Films (EFI) / Vishay MAL214251102E3 in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: info@Components-World.com |                                |                                 |                                                                          |

| RELATED PRODUCTS                                                                   |                                                                                      |                                                             |                     |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">MAL214251095E3</a><br>Description: CAP ALUM 10UF 20% 350V RADIAL  | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAL214251229E3</a><br>Description: CAP ALUM 22UF 20% 50V RADIAL   | Manufacturers: <a href="#">Vishay BC Components</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAL214251093E3</a><br>Description: CAP ALUM 10UF 20% 250V RADIAL  | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAL214251101E3</a><br>Description: CAP ALUM 100UF 20% 50V RADIAL  | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAL214251332E3</a><br>Description: CAP ALUM 3300UF 20% 50V RADIAL | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAL214251221E3</a><br>Description: CAP ALUM 220UF 20% 50V RADIAL  | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAL214251083E3</a><br>Description: CAP ALUM 1UF 20% 250V RADIAL   | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAL214251085E3</a><br>Description: CAP ALUM 1UF 20% 350V RADIAL   | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAL214251016E3</a><br>Description: CAP ALUM 100UF 20% 400V RADIAL | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAL214252109E3</a><br>Description: CAP ALUM 10UF 20% 200V RADIAL  | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAL214251479E3</a><br>Description: CAP ALUM 47UF 20% 50V RADIAL   | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAL214251222E3</a><br>Description: CAP ALUM 2200UF 20% 50V RADIAL | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAL214251096E3</a><br>Description: CAP ALUM 10UF 20% 400V RADIAL  | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAL214251086E3</a><br>Description: CAP ALUM 1UF 20% 400V RADIAL   | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAL214252108E3</a><br>Description: CAP ALUM 1UF 20% 200V RADIAL   | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAL214252101E3</a><br>Description: CAP ALUM 100UF 20% 200V RADIAL | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAL214251013E3</a><br>Description: CAP ALUM 100UF 20% 250V RADIAL | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAL214251471E3</a><br>Description: CAP ALUM 470UF 20% 50V RADIAL  | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAL214251331E3</a><br>Description: CAP ALUM 330UF 20% 50V RADIAL  | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAL214251015E3</a><br>Description: CAP ALUM 100UF 20% 350V RADIAL | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |

| Related keywords for MAL214251102E3         |                                             |                                     |                                     |
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| MAL214251102E3                              |                                             |                                     |                                     |