

ALS70P512NP550



Electronic Components

**KEMET**

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**Part Number:** [ALS70P512NP550](#)

**Manufacturer:** [KEMET](#)

**Description:** CAP ALUM 5100UF 20% 550V SCREW

**Data sheet:**  [ALS70, 71 Series Datasheet](#)

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

**Ship From:** Hong Kong

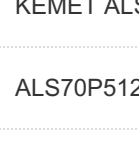
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                |                                                                                                            |                                    |                                            |
|----------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------|--------------------------------------------|
| Part Number                      | ALS70P512NP550                                                                                             | Manufacturer                       | <a href="#">KEMET</a>                      |
| Description                      | CAP ALUM 5100UF 20% 550V SCREW                                                                             | Lead Free Status / RoHS Status     | Lead free / RoHS Compliant                 |
| Quantity Available               | 1363 pcs                                                                                                   | Data sheet                         | <a href="#">ALS70, 71 Series Datasheet</a> |
| Category                         | <a href="#">Capacitors</a>                                                                                 | Voltage - Rated                    | 550V                                       |
| Tolerance                        | ±20%                                                                                                       | Surface Mount Land Size            | -                                          |
| Size / Dimension                 | 3.031" Dia (77.00mm)                                                                                       | Series                             | ALS70                                      |
| Ripple Current @ Low Frequency   | 15.9A @ 100Hz                                                                                              | Ripple Current @ High Frequency    | 22A @ 10kHz                                |
| Ratings                          | -                                                                                                          | Polarization                       | Polar                                      |
| Packaging                        | Bulk                                                                                                       | Package / Case                     | Radial, Can - Screw Terminals              |
| Operating Temperature            | -40°C ~ 85°C                                                                                               | Mounting Type                      | Chassis Mount                              |
| Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                                              | Manufacturer Standard Lead Time    | 24 Weeks                                   |
| Lifetime @ Temp.                 | 5000 Hrs @ 85°C                                                                                            | Lead Spacing                       | 1.252" (31.80mm)                           |
| Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                 | Impedance                          | 80 mOhms                                   |
| Height - Seated (Max)            | 5.827" (148.00mm)                                                                                          | ESR (Equivalent Series Resistance) | 92 mOhm @ 100Hz                            |
| Detailed Description             | 5100µF 550V Aluminum Electrolytic Capacitors Radial, Can - Screw Terminals 92 mOhm @ 100Hz 5000 Hrs @ 85°C | Capacitance                        | 5100µF                                     |
| Applications                     | General Purpose                                                                                            |                                    |                                            |

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| RELATED PRODUCTS                                                                   |                                                                                       |                                      |                     |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------------------------|---------------------|
|  | Part#: <a href="#">ALS70P472NF500</a><br>Description: CAP ALUM 4700UF 20% 500V SCREW  | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ALS70P363NT200</a><br>Description: CAP ALUM 36000UF 20% 200V SCREW | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ALS70P623NP100</a><br>Description: CAP ALUM 62000UF 20% 100V SCREW | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ALS70P432NJ550</a><br>Description: CAP ALUM 4300UF 20% 550V SCREW  | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ALS70P474NF025</a><br>Description: CAP ALUM 470000UF 20% 25V SCREW | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ALS70P564NP025</a><br>Description: CAP ALUM 560000UF 20% 25V SCREW | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ALS70P474NJ025</a><br>Description: CAP ALUM 470000UF 20% 25V SCREW | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ALS70P562NP500</a><br>Description: CAP ALUM 5600UF 20% 500V SCREW  | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ALS70P513NF100</a><br>Description: CAP ALUM 51000UF 20% 100V SCREW | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ALS70P434NW040</a><br>Description: CAP ALUM 430000UF 20% 40V SCREW | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ALS70P513NJ100</a><br>Description: CAP ALUM 51000UF 20% 100V SCREW | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ALS70P392NF550</a><br>Description: CAP ALUM 3900UF 20% 550V SCREW  | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ALS70P564NT040</a><br>Description: CAP ALUM 560000UF 20% 40V SCREW | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ALS70P333NS200</a><br>Description: CAP ALUM 33000UF 20% 200V SCREW | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ALS70P512NJ500</a><br>Description: CAP ALUM 5100UF 20% 500V SCREW  | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ALS70P334NP040</a><br>Description: CAP ALUM 330000UF 20% 40V SCREW | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ALS70P622NJ450</a><br>Description: CAP ALUM 6200UF 20% 450V SCREW  | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ALS70P622NF450</a><br>Description: CAP ALUM 6200UF 20% 450V SCREW  | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ALS70P514NS040</a><br>Description: CAP ALUM 510000UF 20% 40V SCREW | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ALS70P622NW550</a><br>Description: CAP ALUM 6200UF 20% 550V SCREW  | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |

| Related keywords for ALS70P512NP550 |                            |                         |                      |
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