

ALS81A162KF500



Electronic Components

**KEMET**

CHARGED<sup>®</sup>

Part Number:

ALS81A162KF500

Manufacturer:

KEMET

Description:

CAP ALUM 1600UF 20% 500V SCREW

Data sheet:

 [ALS80, 81 Series Datasheet](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

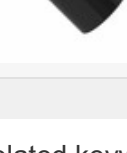
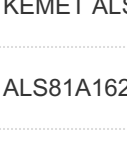
Shipment Way:

DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                              |                                    |                                            |        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|------------------------------------|--------------------------------------------|--------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                           | ALS81A162KF500                                                                                               | Manufacturer                       | <a href="#">KEMET</a>                      |        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                           | CAP ALUM 1600UF 20% 500V SCREW                                                                               | Lead Free Status / RoHS Status     | Lead free / RoHS Compliant                 |        |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                    | 3749 pcs                                                                                                     | Data sheet                         | <a href="#">ALS80, 81 Series Datasheet</a> |        |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                              | <a href="#">Capacitors</a>                                                                                   | Voltage - Rated                    | 500V                                       |        |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                             | ±20%                                                                                                         | Surface Mount Land Size            | -                                          |        |
| Size / Dimension                                                                                                                                                                                                                                                                                                                                                                                                                      | 2.008" Dia (51.00mm)                                                                                         | Series                             | ALS81                                      |        |
| Ripple Current @ Low Frequency                                                                                                                                                                                                                                                                                                                                                                                                        | 6.8A @ 100Hz                                                                                                 | Ripple Current @ High Frequency    | 12.8A @ 10kHz                              |        |
| Ratings                                                                                                                                                                                                                                                                                                                                                                                                                               | -                                                                                                            | Polarization                       | Polar                                      |        |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                             | Bulk                                                                                                         | Package / Case                     | Radial, Can - Screw Terminals              |        |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                 | -40°C ~ 105°C                                                                                                | Mounting Type                      | Chassis Mount                              |        |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                      | 1 (Unlimited)                                                                                                | Manufacturer Standard Lead Time    | 24 Weeks                                   |        |
| Lifetime @ Temp.                                                                                                                                                                                                                                                                                                                                                                                                                      | 2000 Hrs @ 105°C                                                                                             | Lead Spacing                       | 0.874" (22.20mm)                           |        |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                        | Lead free / RoHS Compliant                                                                                   | Impedance                          | 106 mOhms                                  |        |
| Height - Seated (Max)                                                                                                                                                                                                                                                                                                                                                                                                                 | 4.213" (107.00mm)                                                                                            | ESR (Equivalent Series Resistance) | 142 mOhm @ 100Hz                           |        |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                  | 1600µF 500V Aluminum Electrolytic Capacitors Radial, Can - Screw Terminals 142 mOhm @ 100Hz 2000 Hrs @ 105°C |                                    | Capacitance                                | 1600µF |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                          | General Purpose                                                                                              |                                    |                                            |        |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all KEMET series electronic components. We have 3749 pieces of KEMET ALS81A162KF500 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: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                                                              |                                    |                                            |        |

| RELATED PRODUCTS                                                                   |                                                                                       |                                      |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------------------------|----------------|
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|  | Part#: <a href="#">ALS81A162KE400</a><br>Description: CAP ALUM 1600UF 20% 400V SCREW  | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ALS81A134QH063</a><br>Description: CAP ALUM 130000UF 20% 63V SCREW | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ALS81A163NJ200</a><br>Description: CAP ALUM 16000UF 20% 200V SCREW | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">ALS81A134MF040</a><br>Description: CAP ALUM 130000UF 20% 40V SCREW | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ALS81A153DE063</a><br>Description: CAP ALUM 15000UF 20% 63V SCREW  | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ALS81A134NP063</a><br>Description: CAP ALUM 130000UF 20% 63V SCREW | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ALS81A163DB040</a><br>Description: CAP ALUM 16000UF 20% 40V SCREW  | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ALS81A163KF100</a><br>Description: CAP ALUM 16000UF 20% 100V SCREW | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">ALS81A163QT400</a><br>Description: CAP ALUM 16000UF 20% 400V SCREW | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |

Related keywords for ALS81A162KF500

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