

EDH447M6R3A9PAA





**Part Number:** [EDH447M6R3A9PAA](#)

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

**Description:** CAP ALUM 470UF 20% 6.3V SMD

**Data sheet:**  [EDH Series Datasheet](#)

**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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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                        |                             |                                 |                                                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|---------------------------------|--------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                              | EDH447M6R3A9PAA             | Manufacturer                    | <a href="#">KEMET</a>                                                          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                              | CAP ALUM 470UF 20% 6.3V SMD | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                       | 376657 pcs                  | Data sheet                      | <a href="#">EDH Series Datasheet</a>                                           |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Capacitors</a>  | Voltage - Rated                 | 6.3V                                                                           |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                | ±20%                        | Surface Mount Land Size         | 0.406" L x 0.406" W (10.30mm x 10.30mm)                                        |
| Size / Dimension                                                                                                                                                                                                                                                                                                                                                                                                                         | 0.394" Dia (10.00mm)        | Series                          | EDH                                                                            |
| Ripple Current @ Low Frequency                                                                                                                                                                                                                                                                                                                                                                                                           | 380mA @ 120Hz               | Ripple Current @ High Frequency | 475mA @ 10kHz                                                                  |
| Ratings                                                                                                                                                                                                                                                                                                                                                                                                                                  | -                           | Polarization                    | Polar                                                                          |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                | Tape & Reel (TR)            | Package / Case                  | Radial, Can - SMD                                                              |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                    | -40°C ~ 105°C               | Mounting Type                   | Surface Mount                                                                  |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                         | 1 (Unlimited)               | Manufacturer Standard Lead Time | 44 Weeks                                                                       |
| Lifetime @ Temp.                                                                                                                                                                                                                                                                                                                                                                                                                         | 2000 Hrs @ 105°C            | Lead Spacing                    | -                                                                              |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                           | Lead free / RoHS Compliant  | Height - Seated (Max)           | 0.413" (10.50mm)                                                               |
| ESR (Equivalent Series Resistance)                                                                                                                                                                                                                                                                                                                                                                                                       | -                           | Detailed Description            | 470µF 6.3V Aluminum Electrolytic Capacitors Radial, Can - SMD 2000 Hrs @ 105°C |
| Capacitance                                                                                                                                                                                                                                                                                                                                                                                                                              | 470µF                       | Applications                    | General Purpose                                                                |
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| RELATED PRODUCTS                                                                   |                                                                                         |                                      |                     |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|--------------------------------------|---------------------|
|  | Part#: <a href="#">EDH337M6R3A9MAA</a><br>Description: CAP ALUM 330UF 20% 6.3V SMD      | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EDH337M6R3A9HAA</a><br>Description: CAP ALUM 330UF 20% 6.3V SMD      | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EDH475M050A9DAA</a><br>Description: CAP ALUM 4.7UF 20% 50V SMD       | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EDH447M050S9SAA</a><br>Description: CAP ALUM 440UF 20% 50V SMD       | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EDH337M050A9RAA</a><br>Description: CAP ALUM 330UF 20% 50V SMD       | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EDH337M063S9TAA</a><br>Description: CAP ALUM 330UF 20% 63V SMD       | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EDH475M250S9RAA</a><br>Description: CAP ALUM 4.7UF 20% 250V SMD      | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EDH475M035A9BAA</a><br>Description: CAP ALUM 4.7UF 20% 35V SMD       | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EDH447M6R3S9PAA</a><br>Description: CAP ALUM 440UF 20% 6.3V SMD      | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EDH337M6R3S9MAA</a><br>Description: CAP ALUM 330UF 20% 6.3V SMD      | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EDH475M025S9BAA</a><br>Description: ALU ELECTROLYTIC SMD EDH 25VDC 4 | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EDH475M400A9RAA</a><br>Description: CAP ALUM 4.7UF 20% 400V SMD      | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EDH475M050S9DAA</a><br>Description: CAP ALUM 4.7UF 20% 50V SMD       | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EDH475M035S9BAA</a><br>Description: CAP ALUM 4.7UF 20% 35V SMD       | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EDH447M050A9SAA</a><br>Description: CAP ALUM 470UF 20% 50V SMD       | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EDH337M063A9TAA</a><br>Description: CAP ALUM 330UF 20% 63V SMD       | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EDH475M025A9BAA</a><br>Description: CAP ALUM 4.7UF 20% 25V SMD       | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EDH337M050S9RAA</a><br>Description: CAP ALUM 330UF 20% 50V SMD       | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EDH475M250A9RAA</a><br>Description: CAP ALUM 4.7UF 20% 250V SMD      | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EDH337M6R3S9HAA</a><br>Description: CAP ALUM 330UF 20% 6.3V SMD      | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |

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