

16TKV820M10X10.5



Part Number: 16TKV820M10X10.5

Manufacturer Rubycon

Description CAP ALUM 820UF 20% 16V SMD

Data sheet: 

PDF

Lead Forming Codes Spec

PDF

Aluminum Electrolytic Capacitors Spec

PDF

TKV Series Datasheet

RoHs Status: Lead free / RoHS Compliant

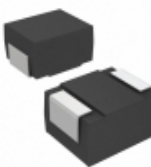
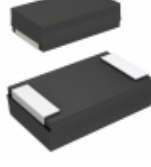
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                |                                    |                                                                                                                                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                   | 16TKV820M10X10.5                                                                               | Manufacturer                       | <a href="#">Rubycon</a>                                                                                                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                   | CAP ALUM 820UF 20% 16V SMD                                                                     | Lead Free Status / RoHS Status     | Lead free / RoHS Compliant                                                                                                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                            | 74819 pcs                                                                                      | Data sheet                         | <a href="#">Lead Forming Codes Spec</a><br><a href="#">Aluminum Electrolytic Capacitors Spec</a><br><a href="#">TKV Series Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                      | <a href="#">Capacitors</a>                                                                     | Voltage - Rated                    | 16V                                                                                                                                      |
| 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                             | TKV                                                                                                                                      |
| Ripple Current @ Low Frequency                                                                                                                                                                                                                                                                                                                                                                | 510mA @ 120Hz                                                                                  | Ripple Current @ High Frequency    | 850mA @ 100kHz                                                                                                                           |
| Ratings                                                                                                                                                                                                                                                                                                                                                                                       | AEC-Q200                                                                                       | Polarization                       | Polar                                                                                                                                    |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                     | Original-Reel®                                                                                 | Package / Case                     | Radial, Can - SMD                                                                                                                        |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                   | 1189-2069-6                                                                                    | Operating Temperature              | -55°C ~ 105°C                                                                                                                            |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                 | Surface Mount                                                                                  | Moisture Sensitivity Level (MSL)   | 1 (Unlimited)                                                                                                                            |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                               | 19 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) | 80 mOhm @ 100kHz                                                                                                                         |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                          | 820µF 16V Aluminum Electrolytic Capacitors Radial, Can - SMD 80 mOhm @ 100kHz 2000 Hrs @ 105°C | Capacitance                        | 820µF                                                                                                                                    |
| Applications                                                                                                                                                                                                                                                                                                                                                                                  | Automotive                                                                                     |                                    |                                                                                                                                          |
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|  | Part#: <a href="#">16TQC10M</a><br>Description: CAP TANT POLY 10UF 16V 1411            | Manufacturers: <a href="#">Panasonic</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">16THV33M6.3X6.1</a><br>Description: CAP ALUM 33UF 20% 16V SMD       | Manufacturers: <a href="#">Rubycon</a>   | <div>RFQ</div> |
|  | Part#: <a href="#">16TKV47M6.3X6.1</a><br>Description: CAP ALUM 47UF 20% 16V SMD       | Manufacturers: <a href="#">Rubycon</a>   | <div>RFQ</div> |
|  | Part#: <a href="#">16TLV4700M16X21.5</a><br>Description: CAP ALUM 4700UF 20% 16V SMD   | Manufacturers: <a href="#">Rubycon</a>   | <div>RFQ</div> |
|  | Part#: <a href="#">16THV100M8X10.5</a><br>Description: CAP ALUM 100UF 20% 16V SMD      | Manufacturers: <a href="#">Rubycon</a>   | <div>RFQ</div> |
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|  | Part#: <a href="#">16TLV2200M16X16.5</a><br>Description: CAP ALUM 2200UF 20% 16V SMD   | Manufacturers: <a href="#">Rubycon</a>   | <div>RFQ</div> |
|  | Part#: <a href="#">16TLV680M10X10.5</a><br>Description: CAP ALUM 680UF 20% 16V SMD     | Manufacturers: <a href="#">Rubycon</a>   | <div>RFQ</div> |
|  | Part#: <a href="#">16THV220M8X10.5</a><br>Description: CAP ALUM 220UF 20% 16V SMD      | Manufacturers: <a href="#">Rubycon</a>   | <div>RFQ</div> |
|  | Part#: <a href="#">16TLV1500M12.5X13.5</a><br>Description: CAP ALUM 1500UF 20% 16V SMD | Manufacturers: <a href="#">Rubycon</a>   | <div>RFQ</div> |
|  | Part#: <a href="#">16TKV470M8X10.5</a><br>Description: CAP ALUM 470UF 20% 16V SMD      | Manufacturers: <a href="#">Rubycon</a>   | <div>RFQ</div> |
|  | Part#: <a href="#">16TLV470M8X10.5</a><br>Description: CAP ALUM 470UF 20% 16V SMD      | Manufacturers: <a href="#">Rubycon</a>   | <div>RFQ</div> |
|  | Part#: <a href="#">16TQC100MYF</a><br>Description: CAP TANT POLY 100UF 16V 2917        | Manufacturers: <a href="#">Panasonic</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">16TPV1000M10X10.5</a><br>Description: CAP ALUM 1000UF 20% 16V SMD   | Manufacturers: <a href="#">Rubycon</a>   | <div>RFQ</div> |
|  | Part#: <a href="#">16THV330M10X10.5</a><br>Description: CAP ALUM 330UF 20% 16V SMD     | Manufacturers: <a href="#">Rubycon</a>   | <div>RFQ</div> |

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