

10TKV470M8X10.5



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**Part Number:** [10TKV470M8X10.5](#)

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

**Description:** CAP ALUM 470UF 20% 10V SMD

**Data sheet:**  [Lead Forming Codes Spec](#)  
 [Aluminum Electrolytic Capacitors Spec](#)  
 [TKV Series Datasheet](#)

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

**Ship From:** Hong Kong

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

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                |                                    |                                                                                                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                  | 10TKV470M8X10.5                                                                                | Manufacturer                       | <a href="#">Rubycon</a>                                                                                                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                  | CAP ALUM 470UF 20% 10V SMD                                                                     | Lead Free Status / RoHS Status     | Lead free / RoHS Compliant                                                                                                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                           | 217067 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                    | 10V                                                                                                                                      |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                    | ±20%                                                                                           | Surface Mount Land Size            | 0.327" L x 0.327" W (8.30mm x 8.30mm)                                                                                                    |
| Size / Dimension                                                                                                                                                                                                                                                                                                                                                                                                                             | 0.315" Dia (8.00mm)                                                                            | Series                             | TKV                                                                                                                                      |
| Ripple Current @ Low Frequency                                                                                                                                                                                                                                                                                                                                                                                                               | 510mA @ 120Hz                                                                                  | Ripple Current @ High Frequency    | 850mA @ 100kHz                                                                                                                           |
| Ratings                                                                                                                                                                                                                                                                                                                                                                                                                                      | AEC-Q200                                                                                       | Polarization                       | Polar                                                                                                                                    |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                    | Tape & Reel (TR)                                                                               | Package / Case                     | Radial, Can - SMD                                                                                                                        |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1189-2063-2                                                                                    | Operating Temperature              | -55°C ~ 105°C                                                                                                                            |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                | Surface Mount                                                                                  | Moisture Sensitivity Level (MSL)   | 1 (Unlimited)                                                                                                                            |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                              | 26 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                                                                                                                                                                                                                                                                                                                                                                                                                         | 470µF 10V Aluminum Electrolytic Capacitors Radial, Can - SMD 80 mOhm @ 100kHz 2000 Hrs @ 105°C | Capacitance                        | 470µF                                                                                                                                    |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                 | Automotive                                                                                     |                                    |                                                                                                                                          |
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|  | Part#: <a href="#">10TDS6D</a><br>Description: LINE FILTER 440VAC 10A CHASS MNT      | Manufacturers: <a href="#">Delta Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">10TDPS6(D)</a><br>Description: LINE FILTER 10A DIN RAIL           | Manufacturers: <a href="#">Delta Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">10TLV6800M18X21.5</a><br>Description: CAP ALUM 6800UF 20% 10V SMD | Manufacturers: <a href="#">Rubycon</a>           | <a href="#">RFQ</a> |
|  | Part#: <a href="#">10TKV1200M10X10.5</a><br>Description: CAP ALUM 1200UF 20% 10V SMD | Manufacturers: <a href="#">Rubycon</a>           | <a href="#">RFQ</a> |
|  | Part#: <a href="#">10TKV330M8X10.5</a><br>Description: CAP ALUM 330UF 20% 10V SMD    | Manufacturers: <a href="#">Rubycon</a>           | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">10TDPS6</a><br>Description: LINE FILTER 10A CHASSIS MOUNT         | Manufacturers: <a href="#">Delta Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">10THB220M</a><br>Description: CAP TANT POLY 220UF 10V 2917        | Manufacturers: <a href="#">Panasonic</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">10TH1000</a><br>Description: FUSE 10A 1000V TRACTION              | Manufacturers: <a href="#">Bussmann (Eaton)</a>  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">10TKV680M8X10.5</a><br>Description: CAP ALUM 680UF 20% 10V SMD    | Manufacturers: <a href="#">Rubycon</a>           | <a href="#">RFQ</a> |
|  | Part#: <a href="#">10TPB220M</a><br>Description: CAP TANT POLY 220UF 10V 2917        | Manufacturers: <a href="#">Panasonic</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">10TLV3300M16X16.5</a><br>Description: CAP ALUM 3300UF 20% 10V SMD | Manufacturers: <a href="#">Rubycon</a>           | <a href="#">RFQ</a> |
|  | Part#: <a href="#">10THB330M</a><br>Description: CAP TANT POLY 330UF 10V 2917        | Manufacturers: <a href="#">Panasonic</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">10TLV2200M12.5X16</a><br>Description: CAP ALUM 2200UF 20% 10V SMD | Manufacturers: <a href="#">Rubycon</a>           | <a href="#">RFQ</a> |
|  | Part#: <a href="#">10THC68M</a><br>Description: CAP TANT POLY 68UF 10V 2917          | Manufacturers: <a href="#">Panasonic</a>         | <a href="#">RFQ</a> |
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