

16TGV1500M16X16.5





Part Number: 16TGV1500M16X16.5

Manufacturer: Rubycon

Description: CAP ALUM 1500UF 20% 16V SMD

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

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                                                                                                                                                                                                                                                                                                                                                                                                                                   | 16TGV1500M16X16.5                                                                               | Manufacturer                       | <a href="#">Rubycon</a>                                                                                                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                   | CAP ALUM 1500UF 20% 16V SMD                                                                     | Lead Free Status / RoHS Status     | Lead free / RoHS Compliant                                                                                                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                            | 87786 pcs                                                                                       | Data sheet                         | <a href="#">TGV Series Datasheet</a><br><a href="#">Lead Forming Codes Spec</a><br><a href="#">Aluminum Electrolytic Capacitors Spec</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                      | <a href="#">Capacitors</a>                                                                      | Voltage - Rated                    | 16V                                                                                                                                      |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                     | ±20%                                                                                            | Surface Mount Land Size            | 0.669" L x 0.669" W (17.00mm x 17.00mm)                                                                                                  |
| Size / Dimension                                                                                                                                                                                                                                                                                                                                                                                                                              | 0.630" Dia (16.00mm)                                                                            | Series                             | TGV                                                                                                                                      |
| Ripple Current @ Low Frequency                                                                                                                                                                                                                                                                                                                                                                                                                | 720mA @ 120Hz                                                                                   | Ripple Current @ High Frequency    | 1.2A @ 100kHz                                                                                                                            |
| Ratings                                                                                                                                                                                                                                                                                                                                                                                                                                       | AEC-Q200                                                                                        | Polarization                       | Polar                                                                                                                                    |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                     | Tape & Reel (TR)                                                                                | Package / Case                     | Radial, Can - SMD                                                                                                                        |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1189-2678-2<br>16TGV1500M016X16.5                                                               | Operating Temperature              | -40°C ~ 125°C                                                                                                                            |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                 | Surface Mount                                                                                   | Moisture Sensitivity Level (MSL)   | 1 (Unlimited)                                                                                                                            |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                               | 28 Weeks                                                                                        | Lifetime @ Temp.                   | 5000 Hrs @ 125°C                                                                                                                         |
| Lead Spacing                                                                                                                                                                                                                                                                                                                                                                                                                                  | -                                                                                               | Lead Free Status / RoHS Status     | Lead free / RoHS Compliant                                                                                                               |
| Height - Seated (Max)                                                                                                                                                                                                                                                                                                                                                                                                                         | 0.669" (17.00mm)                                                                                | ESR (Equivalent Series Resistance) | 66 mOhm @ 100kHz                                                                                                                         |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                          | 1500µF 16V Aluminum Electrolytic Capacitors Radial, Can - SMD 66 mOhm @ 100kHz 5000 Hrs @ 125°C | Capacitance                        | 1500µF                                                                                                                                   |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                  | Automotive                                                                                      |                                    |                                                                                                                                          |
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| RELATED PRODUCTS                                                                   |                                                                                      |                                                  |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------|----------------|
|  | Part#: <a href="#">16TGV470M10X10.5</a><br>Description: CAP ALUM 470UF 20% 16V SMD   | Manufacturers: <a href="#">Rubycon</a>           | <div>RFQ</div> |
|  | Part#: <a href="#">16TGV3300M18X21.5</a><br>Description: CAP ALUM 3300UF 20% 16V SMD | Manufacturers: <a href="#">Rubycon</a>           | <div>RFQ</div> |
|  | Part#: <a href="#">16TGV220M8X10.5</a><br>Description: CAP ALUM 220UF 20% 16V SMD    | Manufacturers: <a href="#">Rubycon</a>           | <div>RFQ</div> |
|  | Part#: <a href="#">16TGV2200M16X21.5</a><br>Description: CAP ALUM 2200UF 20% 16V SMD | Manufacturers: <a href="#">Rubycon</a>           | <div>RFQ</div> |
|  | Part#: <a href="#">16TDP6(D)</a><br>Description: LINE FILTER 16A DIN RAIL            | Manufacturers: <a href="#">Delta Electronics</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> |
|  | Part#: <a href="#">16TDVST2</a><br>Description: LINE FILTER 480VAC 16A CHASS MNT     | Manufacturers: <a href="#">Delta Electronics</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> |
|  | 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="#">16TKV220M6.3X8</a><br>Description: CAP ALUM 220UF 20% 16V SMD     | Manufacturers: <a href="#">Rubycon</a>           | <div>RFQ</div> |
|  | Part#: <a href="#">16TDP6</a><br>Description: LINE FILTER 16A CHASSIS MOUNT          | Manufacturers: <a href="#">Delta Electronics</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="#">16TDVST2-1</a><br>Description: LINE FILTER 480VAC 16A CHASS MNT   | Manufacturers: <a href="#">Delta Electronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">16TDT2</a><br>Description: LINE FILTER 480VAC CHASSIS MOUNT       | Manufacturers: <a href="#">Delta Electronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">16THV220M10X10.5</a><br>Description: CAP ALUM 220UF 20% 16V SMD   | Manufacturers: <a href="#">Rubycon</a>           | <div>RFQ</div> |
|  | Part#: <a href="#">16TGV1800M18X16.5</a><br>Description: CAP ALUM 1800UF 20% 16V SMD | Manufacturers: <a href="#">Rubycon</a>           | <div>RFQ</div> |
|  | Part#: <a href="#">16THV47M6.3X8</a><br>Description: CAP ALUM 47UF 20% 16V SMD       | Manufacturers: <a href="#">Rubycon</a>           | <div>RFQ</div> |
|  | Part#: <a href="#">16TGV1000M12.5X16</a><br>Description: CAP ALUM 1000UF 20% 16V SMD | Manufacturers: <a href="#">Rubycon</a>           | <div>RFQ</div> |
|  | Part#: <a href="#">16THV100M6.3X8</a><br>Description: CAP ALUM 100UF 20% 16V SMD     | Manufacturers: <a href="#">Rubycon</a>           | <div>RFQ</div> |
|  | Part#: <a href="#">16TGV820M12.5X13.5</a><br>Description: CAP ALUM 820UF 20% 16V SMD | Manufacturers: <a href="#">Rubycon</a>           | <div>RFQ</div> |

Related keywords for 16TGV1500M16X16.5

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