



Image may be representation.  
See specifications for product details.



## 595D227X0016R2T

|                          |  |
|--------------------------|--|
| Manufacturer Part Number | <a href="#">595D227X0016R2T</a>  |
| Manufacturer             | <a href="#">Vishay / Sprague</a>   |
| Allelco Part Number      | 32D-595D227X0016R2T  |
| ECAD Model               | PCB Symbol, Footprint & 3D Model   |
| Parts Description        | CAP TANT 220UF 20% 16V 2824  |
| Package                  | 2824 (7260 Metric)   |
| Data sheet               | <a href="#">595D Series Datasheet.pdf</a><br><a href="#">595D Series Datasheet.pdf</a> |
| RoHs Status              | ROHS3 Compliant  |

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595D227X0016R2T - Vishay Sprague. New Original in Stock. Download Linear Technology 595D227X0016R2T datasheet/specifications on AllelcoElec.com.  
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### Specifications

595D227X0016R2T Tech Specifications  
595D227X0016R2T - Vishay Sprague technical specifications, attributes, parameters

| Product Attribute     | Attribute Value                       | Product Attribute                  | Attribute Value |
|-----------------------|---------------------------------------|------------------------------------|-----------------|
| Manufacturer          | Vishay / Sprague                      | Mounting Type                      | Surface Mount   |
| Voltage - Rated       | 16 V                                  | Manufacturer Size Code             | R               |
| Type                  | Conformal Coated                      | Lifetime @ Temp.                   | -               |
| Tolerance             | ±20%                                  | Lead Spacing                       | -               |
| Size / Dimension      | 0.283" L x 0.236" W (7.20mm x 6.00mm) | Height - Seated (Max)              | 0.148" (3.75mm) |
| Series                | TANTAMOUNT®, 595D                     | Features                           | General Purpose |
| Package / Case        | 2824 (7260 Metric)                    | Failure Rate                       | -               |
| Package               | Tape & Reel (TR)                      | ESR (Equivalent Series Resistance) | 120mOhm         |
| Operating Temperature | -55°C ~ 125°C                         | Capacitance                        | 220 µF          |

### Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay Sprague 595D227X0016R2T

| Product Attribute                  |                                       |                                       |                                       |                                       |
|------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| Part Number                        | 595D227X0016R2T                       | <a href="#">595D227X0010C2T</a>       | <a href="#">595D226X96R3B2T</a>       | <a href="#">595D227X06R3D2T</a>       |
| Manufacturer                       | Vishay Sprague                        | Vishay Sprague                        | Vishay Sprague                        | Vishay Sprague                        |
| Mounting Type                      | Surface Mount                         | Surface Mount                         | Surface Mount                         | Surface Mount                         |
| Operating Temperature              | -55°C ~ 125°C                         | -55°C ~ 125°C                         | -55°C ~ 125°C                         | -55°C ~ 125°C                         |
| Features                           | General Purpose                       | General Purpose                       | General Purpose                       | General Purpose                       |
| Lead Spacing                       | -                                     | -                                     | -                                     | -                                     |
| Voltage - Rated                    | 16 V                                  | 10 V                                  | 6.3 V                                 | 6.3 V                                 |
| Package / Case                     | 2824 (7260 Metric)                    | 2812 (7132 Metric)                    | 1611 (4028 Metric)                    | 2917 (7343 Metric)                    |
| Manufacturer Size Code             | R                                     | C                                     | B                                     | D                                     |
| Tolerance                          | ±20%                                  | ±20%                                  | ±10%                                  | ±20%                                  |
| Failure Rate                       | -                                     | -                                     | -                                     | -                                     |
| Lifetime @ Temp.                   | -                                     | -                                     | -                                     | -                                     |
| Package                            | Tape & Reel (TR)                      | Tape & Reel (TR)                      | Tape & Reel (TR)                      | Tape & Reel (TR)                      |
| ESR (Equivalent Series Resistance) | 120mOhm                               | 200mOhm                               | 570mOhm                               | 140mOhm                               |
| Size / Dimension                   | 0.283" L x 0.236" W (7.20mm x 6.00mm) | 0.280" L x 0.126" W (7.10mm x 3.20mm) | 0.157" L x 0.110" W (4.00mm x 2.80mm) | 0.295" L x 0.169" W (7.50mm x 4.30mm) |
| Series                             | TANTAMOUNT®, 595D                     | TANTAMOUNT®, 595D                     | TANTAMOUNT®, 595D                     | TANTAMOUNT®, 595D                     |
| Type                               | Conformal Coated                      | Conformal Coated                      | Conformal Coated                      | Conformal Coated                      |
| Height - Seated (Max)              | 0.148" (3.75mm)                       | 0.110" (2.79mm)                       | 0.087" (2.20mm)                       | 0.122" (3.10mm)                       |
| Capacitance                        | 220 µF                                | 220 µF                                | 22 µF                                 | 220 µF                                |

### 595D227X0016R2T Datasheet PDF

Download 595D227X0016R2T pdf datasheets and Vishay Sprague documentation for 595D227X0016R2T - Vishay Sprague.

#### Datasheets

[595D Series Datasheet.pdf](#)

#### PCN Packaging



















[MSID Label 20/Dec/2018.pdf](#)

#### HTML Datasheet

[595D Series Datasheet.pdf](#)

## Customers Also Interested in

### Recommended Products

|   |   |   |  |   |   |
|---|---|---|--|---|---|
|  |  |  |  |  |  |
| <b>595D227X0010C2T</b><br>Vishay Sprague<br>CAP TANT 220UF 20% 10V 2812           | <b>595D226X96R3B2T</b><br>Vishay Sprague<br>CAP TANT 22UF 10% 6.3V 1611           | <b>595D227X06R3D2T</b><br>Vishay Sprague<br>CAP TANT 220UF 20% 6.3V 2917          | <b>595D227X9010D</b><br>Electro-Films (EFI) / Vishay                               | <b>595D227X06R3C2T</b><br>Vishay Sprague<br>CAP TANT 220UF 20% 6.3V 2812            | <b>595D226X9035D2TE3</b><br>Electro-Films (EFI) / Vishay                            |
|  |  |  |  |  |  |
| <b>595D227X9010C2T</b><br>Vishay Sprague<br>CAP TANT 220UF 10% 10V 2812           | <b>595D226X0050R2T</b><br>Vishay Sprague<br>CAP TANT 22UF 20% 50V 2824            | <b>595D226X96R3B2</b>   | <b>595D227X96R3C2T</b><br>Vishay Sprague<br>CAP TANT 220UF 10% 6.3V 2812           | <b>595D227X0010D2T</b><br>Vishay Sprague<br>CAP TANT 220UF 20% 10V 2917             | <b>595D226X9050R2T</b><br>Vishay Sprague<br>CAP TANT 22UF 10% 50V 2824              |
|  |  |  |  |  |  |
| <b>595D227X9010D2T</b><br>Vishay Sprague<br>CAP TANT 220UF 10% 10V 2917           | <b>595D336X0010A2T</b><br>Vishay Sprague<br>CAP TANT 33UF 20% 10V 1507            | <b>595D227X06R3G2T</b><br>Vishay Sprague<br>CAP TANT 220UF 20% 6.3V 2214          | <b>595D336X0010A3T</b><br>VIS  | <b>595D226X0035D2T</b><br>Vishay Sprague<br>CAP TANT 22UF 20% 35V 2917              | <b>595D335X06R3T2T</b><br>Vishay Sprague<br>CAP TANT 3.3UF 20% 6.3V 0805            |

## Shipment

### Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

### Delivery Cost

- > Use your express account for shipment if you have one.
- > Use our account for the shipment. Refer to the table below for the approximate charges.  
(Different time frame / countries / package size has different price.)

### Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

| Common Countries Logistic Time Reference |                |                    |
|--|----------------|--------------------|
| Region                                   | Country        | Logistic Time(Day) |
| America                                  | United States  | 5                  |
|  | Brazil         | 7                  |
| Europe                                   | Germany        | 5                  |
|  | United Kingdom | 4                  |
|  | Italy          | 5                  |
| Oceania                                  | Australia      | 6                  |
|  | New Zealand    | 7                  |
| Asia                                     | India          | 6                  |
|  | Japan          | 7                  |
| Middle East                              | Israel         | 6                  |

| DHL & FedEx Shipment Charges Reference |                      |
|--|----------------------|
| Shipment charges(KG)                   | Reference DHL(USD\$) |
| 0.00kg-1.00kg                          | USD\$60.00           |
| 1.00kg-2.00kg                          | USD\$70.00           |
| 2.00kg-3.00kg                          | USD\$80.00           |




**Note:** The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### Payment Support

The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,  
PayPal.



### Your Faithful Supply Chain Partner -

-  Efficient Supply Management
-  Cost-Saving Procurement
-  Fast Sourcing & Delivery

Contact us if you have any questions.

-  Phone  
+00852 9146 4856
-  Email  
info@allelco.com

### Certifications & Memberships



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