

CGS182T450X5R



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**CORNELL DUBILIER**  
ENERGIZING IDEAS

**Part Number:** [CGS182T450X5R](#)

**Manufacturer:** [Cornell Dubilier Electronics](#)

**Description:** CAP ALUM 1800UF 450V SCREW

**Data sheet:**  [Capacitor Hardware, Mounting Options](#)  
 [CGS Series Datasheet](#)  
 [CG, CGx, HES Type Mechanical Details](#)

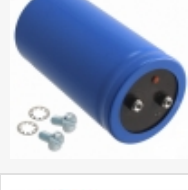
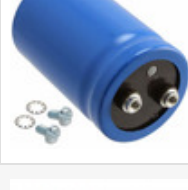
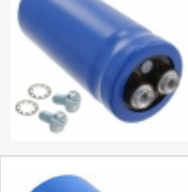
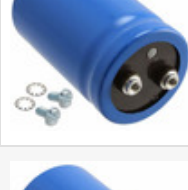
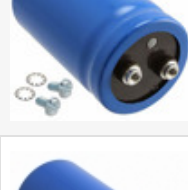
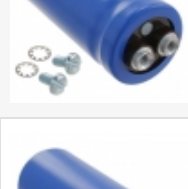
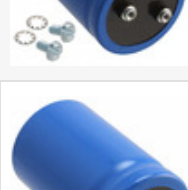
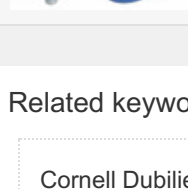
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                            |                                    |                                                                                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | CGS182T450X5R                                                                                              | Manufacturer                       | <a href="#">Cornell Dubilier Electronics</a>                                                                                                         |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | CAP ALUM 1800UF 450V SCREW                                                                                 | Lead Free Status / RoHS Status     | Lead free / RoHS Compliant                                                                                                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1110 pcs                                                                                                   | Data sheet                         | <a href="#">Capacitor Hardware, Mounting Options</a><br><a href="#">CGS Series Datasheet</a><br><a href="#">CG, CGx, HES Type Mechanical Details</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <a href="#">Capacitors</a>                                                                                 | Voltage - Rated                    | <a href="#">Details</a><br>450V                                                                                                                      |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -10%, +50%                                                                                                 | Surface Mount Land Size            | -                                                                                                                                                    |
| Size / Dimension                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 3.000" Dia (76.20mm)                                                                                       | Series                             | CGS                                                                                                                                                  |
| Ripple Current @ Low Frequency                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 9.3A @ 120Hz                                                                                               | Ripple Current @ High Frequency    | 13.95A @ 10kHz                                                                                                                                       |
| Ratings                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -                                                                                                          | Polarization                       | Polar                                                                                                                                                |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Bulk                                                                                                       | Package / Case                     | Radial, Can - Screw Terminals                                                                                                                        |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 338-1410<br>CGS182T450X5R-ND                                                                               | Operating Temperature              | -40°C ~ 85°C                                                                                                                                         |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Chassis Mount                                                                                              | Moisture Sensitivity Level (MSL)   | 1 (Unlimited)                                                                                                                                        |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 18 Weeks                                                                                                   | Lifetime @ Temp.                   | 2000 Hrs @ 85°C                                                                                                                                      |
| Lead Spacing                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | -                                                                                                          | Lead Free Status / RoHS Status     | Lead free / RoHS Compliant                                                                                                                           |
| Height - Seated (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 5.875" (149.23mm)                                                                                          | ESR (Equivalent Series Resistance) | 48 mOhm @ 120Hz                                                                                                                                      |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1800µF 450V Aluminum Electrolytic Capacitors Radial, Can - Screw Terminals 48 mOhm @ 120Hz 2000 Hrs @ 85°C | Capacitance                        | 1800µF                                                                                                                                               |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | General Purpose                                                                                            |                                    |                                                                                                                                                      |
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| RELATED PRODUCTS                                                                   |                                                                                  |                                                             |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-------------------------------------------------------------|----------------|
|  | Part#: <a href="#">CGS183U050V3C</a><br>Description: CAP ALUM 18000UF 50V SCREW  | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CGS182T500W4L</a><br>Description: CAP ALUM 1800UF 500V SCREW  | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CGS183U025V4C</a><br>Description: CAP ALUM 18000UF 25V SCREW  | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CGS173U075X4C</a><br>Description: CAP ALUM 17000UF 75V SCREW  | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CGS183U075V3C</a><br>Description: CAP ALUM 18000UF 75V SCREW  | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CGS182T300R5L</a><br>Description: CAP ALUM 1800UF 300V SCREW  | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CGS182T450V5L</a><br>Description: CAP ALUM 1800UF 450V SCREW  | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CGS183U075V4C</a><br>Description: CAP ALUM 18000UF 75V SCREW  | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CGS184U016X4L</a><br>Description: CAP ALUM 180000UF 16V SCREW | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CGS183U010R2C</a><br>Description: CAP ALUM 18000UF 10V SCREW  | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CGS183U025R4C</a><br>Description: CAP ALUM 18000UF 25V SCREW  | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CGS183U100V4C</a><br>Description: CAP ALUM 18000UF 100V SCREW | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CGS183T200X5L</a><br>Description: CAP ALUM 18000UF 200V SCREW | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CGS173U150W5L</a><br>Description: CAP ALUM 17000UF 150V SCREW | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CGS174U016V4C</a><br>Description: CAP ALUM 170000UF 16V SCREW | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CGS173U040V4C</a><br>Description: CAP ALUM 17000UF 40V SCREW  | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CGS173U040V3C</a><br>Description: CAP ALUM 17000UF 40V SCREW  | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CGS173U075W4C</a><br>Description: CAP ALUM 17000UF 75V SCREW  | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CGS173U050R3C</a><br>Description: CAP ALUM 17000UF 50V SCREW  | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CGS174U010V3C</a><br>Description: CAP ALUM 170000UF 10V SCREW | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | <div>RFQ</div> |

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|--------------------------------------------|--------------------------------|--------------------------------------------------|---------------------|
| Related keywords for <b>CGS182T450X5R</b>  |                                |                                                  |                     |
| Cornell Dubilier Electronics CGS182T450X5R | CGS182T450X5R distributor      | CGS182T450X5R supplier                           | CGS182T450X5R price |
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