

CGR102U050R1N





**Part Number:** [CGR102U050R1N](#)

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

**Description:** CAP ALUM 1000UF 50V SCREW

**Data sheet:**  [CGR Type](#)

**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                                                                                                                                                                                                                                                                                                                                                                                                                         | CGR102U050R1N              | Manufacturer                    | <a href="#">Cornell Dubilier Electronics</a>                                                          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                         | CAP ALUM 1000UF 50V SCREW  | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                  | 4060 pcs                   | Data sheet                      | <a href="#">CGR Type</a>                                                                              |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                            | <a href="#">Capacitors</a> | Voltage - Rated                 | 50V                                                                                                   |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                           | -10%, +75%                 | Surface Mount Land Size         | -                                                                                                     |
| Size / Dimension                                                                                                                                                                                                                                                                                                                                                                                                                    | 1.375" Dia (34.93mm)       | Series                          | CGR                                                                                                   |
| Ripple Current @ Low Frequency                                                                                                                                                                                                                                                                                                                                                                                                      | 3.5A @ 120Hz               | Ripple Current @ High Frequency | 4.025A @ 10kHz                                                                                        |
| Ratings                                                                                                                                                                                                                                                                                                                                                                                                                             | -                          | Polarization                    | Polar                                                                                                 |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                           | Bulk                       | Package / Case                  | Radial, Can - Screw Terminals                                                                         |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                               | -40°C ~ 105°C              | Mounting Type                   | Chassis Mount                                                                                         |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                    | 1 (Unlimited)              | Manufacturer Standard Lead Time | 17 Weeks                                                                                              |
| Lifetime @ Temp.                                                                                                                                                                                                                                                                                                                                                                                                                    | 2000 Hrs @ 105°C           | Lead Spacing                    | -                                                                                                     |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                      | Lead free / RoHS Compliant | Height - Seated (Max)           | 1.875" (47.63mm)                                                                                      |
| ESR (Equivalent Series Resistance)                                                                                                                                                                                                                                                                                                                                                                                                  | 100.1 mOhm                 | Detailed Description            | 1000µF 50V Aluminum Electrolytic Capacitors Radial, Can - Screw Terminals 100.1 mOhm 2000 Hrs @ 105°C |
| Capacitance                                                                                                                                                                                                                                                                                                                                                                                                                         | 1000µF                     | Applications                    | General Purpose                                                                                       |
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| RELATED PRODUCTS                                                                   |                                                                                  |                                                             |                     |
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|   | Part#: <a href="#">CGR103U020R3L</a><br>Description: CAP ALUM 10000UF 20V SCREW  | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CGR123U030V3C</a><br>Description: CAP ALUM 12000UF 30V SCREW  | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | <a href="#">RFQ</a> |
|   | Part#: <a href="#">CGR113U016R2L</a><br>Description: CAP ALUM 11000UF 16V SCREW  | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | <a href="#">RFQ</a> |
|   | Part#: <a href="#">CGR152U050R2C</a><br>Description: CAP ALUM 1500UF 50V SCREW   | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | <a href="#">RFQ</a> |
|   | Part#: <a href="#">CGR182T075R3L</a><br>Description: CAP ALUM 1800UF 75V SCREW   | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CGR103U050V4C</a><br>Description: CAP ALUM 10000UF 50V SCREW  | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | <a href="#">RFQ</a> |
|   | Part#: <a href="#">CGR143U016R3C</a><br>Description: CAP ALUM 14000UF 16V SCREW  | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CGR153U030V3L</a><br>Description: CAP ALUM 15000UF 30V SCREW  | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CGR163U050V5L</a><br>Description: CAP ALUM 16000UF 50V SCREW  | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | <a href="#">RFQ</a> |
|   | Part#: <a href="#">CGR183U010R2C</a><br>Description: CAP ALUM 18000UF 10V SCREW  | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | <a href="#">RFQ</a> |
|   | Part#: <a href="#">CGR122T075R2L</a><br>Description: CAP ALUM 1200UF 75V SCREW   | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | <a href="#">RFQ</a> |
|   | Part#: <a href="#">CGR123U012R2L</a><br>Description: CAP ALUM 12000UF 12V SCREW  | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CGR113T075X3L</a><br>Description: CAP ALUM 11000UF 75V SCREW  | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | <a href="#">RFQ</a> |
|   | Part#: <a href="#">CGR163U016U2L</a><br>Description: CAP ALUM 16000UF 16V SCREW  | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CGR104U012W5C</a><br>Description: CAP ALUM 100000UF 12V SCREW | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CGR193T075X5L</a><br>Description: CAP ALUM 19000UF 75V SCREW  | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | <a href="#">RFQ</a> |
|   | Part#: <a href="#">CGR202U075R3C</a><br>Description: CAP ALUM 2000UF 75V SCREW   | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | <a href="#">RFQ</a> |
|   | Part#: <a href="#">CGR103U030R4L</a><br>Description: CAP ALUM 10000UF 30V SCREW  | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CGR133U040V4L</a><br>Description: CAP ALUM 13000UF 40V SCREW  | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | <a href="#">RFQ</a> |
|   | Part#: <a href="#">CGR152T075U2C</a><br>Description: CAP ALUM 1500UF 75V SCREW   | Manufacturers: <a href="#">Cornell Dubilier Electronics</a> | <a href="#">RFQ</a> |

| Related keywords for CGR102U050R1N         |                                |                                    |                     |
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