

CGA2B2X8R2A102M050BE





**Part Number:** [CGA2B2X8R2A102M050BE](#)

**Manufacturer:** [TDK Corporation](#)

**Description:** CAP CER 1000PF 100V X8R 0402

**Data sheet:**  [CGA Series, Automotive Soft Term Datasheet](#)

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

**Ship From:** Hong Kong

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

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See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                           |                                  |                                                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------------|------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                       | CGA2B2X8R2A102M050BE                                      | Manufacturer                     | <a href="#">TDK Corporation</a>                            |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                       | CAP CER 1000PF 100V X8R 0402                              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                | 876496 pcs                                                | Data sheet                       | <a href="#">CGA Series, Automotive Soft Term Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Capacitors</a>                                | Voltage - Rated                  | 100V                                                       |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ±20%                                                      | Thickness (Max)                  | 0.024" (0.60mm)                                            |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                           | X8R                                                       | Size / Dimension                 | 0.039" L x 0.020" W (1.00mm x 0.50mm)                      |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                            | CGA                                                       | Ratings                          | AEC-Q200                                                   |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Tape & Reel (TR)                                          | Package / Case                   | 0402 (1005 Metric)                                         |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                       | CGA2B2X8R2A102MT0Y0S                                      | Operating Temperature            | -55°C ~ 150°C                                              |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Surface Mount, MLCC                                       | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                              |
| Lead Style                                                                                                                                                                                                                                                                                                                                                                                                                                                        | -                                                         | Lead Spacing                     | -                                                          |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                    | Lead free / RoHS Compliant                                | Height - Seated (Max)            | -                                                          |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Soft Termination                                          | Failure Rate                     | -                                                          |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1000pF ±20% 100V Ceramic Capacitor X8R 0402 (1005 Metric) | Capacitance                      | 1000pF                                                     |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Automotive, Boardflex Sensitive                           |                                  |                                                            |
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|                                 | Part#: <a href="#">CGA2B2X8R1H681M050BA</a><br>Description: CAP CER 680PF 50V X8R 0402   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|                                 | Part#: <a href="#">CGA2B2X8R2A151K050BA</a><br>Description: CAP CER 150PF 100V X8R 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|                                 | Part#: <a href="#">CGA2B2X8R2A151K050BE</a><br>Description: CAP CER 150PF 100V X8R 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  <div>Epoxy Mounting Only</div> | Part#: <a href="#">CGA2B2X8R1H681M050BD</a><br>Description: CAP CER 680PF 50V X8R 0402   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|                                 | Part#: <a href="#">CGA2B2X8R2A221K050BA</a><br>Description: CAP CER 220PF 100V X8R 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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|                                 | Part#: <a href="#">CGA2B2X8R2A102M050BA</a><br>Description: CAP CER 1000PF 100V X8R 0402 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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|                                 | Part#: <a href="#">CGA2B2X8R2A152K050BE</a><br>Description: CAP CER 1500PF 100V X8R 0402 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|                                 | Part#: <a href="#">CGA2B2X8R1H681K050BA</a><br>Description: CAP CER 680PF 50V X8R 0402   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|                                 | Part#: <a href="#">CGA2B2X8R2A151M050BA</a><br>Description: CAP CER 150PF 100V X8R 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|                                 | Part#: <a href="#">CGA2B2X8R2A102K050BA</a><br>Description: CAP CER 1000PF 100V X8R 0402 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|                                 | Part#: <a href="#">CGA2B2X8R2A102K050BE</a><br>Description: CAP CER 1000PF 100V X8R 0402 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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|  <div>Epoxy Mounting Only</div> | Part#: <a href="#">CGA2B2X8R1H681K050BD</a><br>Description: CAP CER 680PF 50V X8R 0402   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|                                 | Part#: <a href="#">CGA2B2X8R1H472M050BE</a><br>Description: CAP CER 4700PF 50V X8R 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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|                                 | Part#: <a href="#">CGA2B2X8R2A221K050BE</a><br>Description: CAP CER 220PF 100V X8R 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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