

CGA3E1C0G2A822J080AC





Part Number: [CGA3E1C0G2A822J080AC](#)

Manufacturer: [TDK Corporation](#)

Description: CAP CER 8200PF 100V C0G 0603

Data sheet:  [CGA Series, Automotive Mid Voltage Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                               |                                  |                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|----------------------------------|--------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                       | CGA3E1C0G2A822J080AC                                          | Manufacturer                     | <a href="#">TDK Corporation</a>                              |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                       | CAP CER 8200PF 100V C0G 0603                                  | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                | 924693 pcs                                                    | Data sheet                       | <a href="#">CGA Series, Automotive Mid Voltage Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Capacitors</a>                                    | Voltage - Rated                  | 100V                                                         |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ±5%                                                           | Thickness (Max)                  | 0.035" (0.90mm)                                              |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                           | C0G, NP0                                                      | Size / Dimension                 | 0.063" L x 0.032" W (1.60mm x 0.80mm)                        |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                            | CGA                                                           | Ratings                          | AEC-Q200                                                     |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Original-Reel®                                                | Package / Case                   | 0603 (1608 Metric)                                           |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 445-172687-6                                                  | Operating Temperature            | -55°C ~ 125°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                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -                                                             | Failure Rate                     | -                                                            |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                              | 8200pF ±5% 100V Ceramic Capacitor C0G, NP0 0603 (1608 Metric) | Capacitance                      | 8200pF                                                       |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Automotive                                                    |                                  |                                                              |
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|  | Part#: <a href="#">CGA3E1X5R1A335M080AC</a><br>Description: CAP CER 3.3UF 10V X5R 0603       | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CGA3E1X5R1C155M080AC</a><br>Description: CAP CER 1.5UF 16V X5R 0603       | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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