

CGA6M1C0G3A682J200AC



Part Number: [CGA6M1C0G3A682J200AC](#)

Manufacturer: [TDK Corporation](#)

Description: CAP CER 6800PF 1KV NP0 1210

Data sheet:  [CGA Series, Automotive High Voltage](#)  
 [CGA Series, Automotive High Voltage Spec Sheet](#)

RoHs Status: Lead free / RoHS Compliant

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                      |                                  |                                                                                                                       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                      | CGA6M1C0G3A682J200AC                                                 | Manufacturer                     | <a href="#">TDK Corporation</a>                                                                                       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                      | CAP CER 6800PF 1KV NP0 1210                                          | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                               | 67541 pcs                                                            | Data sheet                       | <a href="#">CGA Series, Automotive High Voltage</a><br><a href="#">CGA Series, Automotive High Voltage Spec Sheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <a href="#">Capacitors</a>                                           | Voltage - Rated                  | 1000V (1kV)                                                                                                           |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ±5%                                                                  | Thickness (Max)                  | 0.087" (2.20mm)                                                                                                       |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                          | C0G, NP0                                                             | Size / Dimension                 | 0.126" L x 0.098" W (3.20mm x 2.50mm)                                                                                 |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                           | CGA                                                                  | Ratings                          | AEC-Q200                                                                                                              |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Original-Reel®                                                       | Package / Case                   | 1210 (3225 Metric)                                                                                                    |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 445-174792-6                                                         | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                         | High Voltage                                                         | Failure Rate                     | -                                                                                                                     |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                             | 6800pF ±5% 1000V (1kV) Ceramic Capacitor C0G, NP0 1210 (3225 Metric) | Capacitance                      | 6800pF                                                                                                                |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Automotive, SMPS Filtering                                           |                                  |                                                                                                                       |
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|  | Part#: <a href="#">CGA6M1C0G3A222J200AC</a><br>Description: CAP CER 2200PF 1KV NP0 1210      | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">CGA6M1X7T2J154M200AE</a><br>Description: CAP CER 0.15UF 630V X7T 1210     | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">CGA6M1C0G3A332J200AE</a><br>Description: CAP CER 3300PF 1000V C0GNP0 1210 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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