

CGA8P2NP02A683J250KA



Part Number: [CGA8P2NP02A683J250KA](#)

Manufacturer: [TDK Corporation](#)

Description: CAP CER 0.068UF 100V NP0 1812

Data sheet:  [CGA Series, Automotive High Temp Datasheet](#)  
 [CGA Series, Automotive High Temp Spec](#)  
 [CGA8P2NP02A683J250KA Character Sheet](#)

RoHs Status: Lead free / RoHS Compliant

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                |                                  |                                                                                                                                                                             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                      | CGA8P2NP02A683J250KA                                           | Manufacturer                     | <a href="#">TDK Corporation</a>                                                                                                                                             |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                      | CAP CER 0.068UF 100V NP0 1812                                  | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                               | 79708 pcs                                                      | Data sheet                       | <a href="#">CGA Series, Automotive High Temp Datasheet</a><br><a href="#">CGA Series, Automotive High Temp Spec</a><br><a href="#">CGA8P2NP02A683J250KA Character Sheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <a href="#">Capacitors</a>                                     | Voltage - Rated                  | 100V                                                                                                                                                                        |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ±5%                                                            | Thickness (Max)                  | 0.110" (2.80mm)                                                                                                                                                             |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                          | C0G, NP0                                                       | Size / Dimension                 | 0.177" L x 0.126" W (4.50mm x 3.20mm)                                                                                                                                       |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                           | CGA                                                            | Ratings                          | AEC-Q200                                                                                                                                                                    |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Original-Reel®                                                 | Package / Case                   | 1812 (4532 Metric)                                                                                                                                                          |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 445-13099-6                                                    | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                         | High Temperature                                               | Failure Rate                     | -                                                                                                                                                                           |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0.068µF ±5% 100V Ceramic Capacitor C0G, NP0 1812 (4532 Metric) | Capacitance                      | 0.068µF                                                                                                                                                                     |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Automotive                                                     |                                  |                                                                                                                                                                             |
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|  | Part#: <a href="#">CGA8P3X7T2E105M250KE</a><br>Description: CAP CER 1UF 250V X7T 1812     | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CGA8P1X7R1C336M250KC</a><br>Description: CAP CER 33UF 16V X7R 1812     | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CGA8P4C0G2J153J250KA</a><br>Description: CAP CER 0.015UF 630V C0G 1812 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">CGA8N4X7T2W474M230KE</a><br>Description: CAP CER 0.47UF 450V X7T 1812  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CGA8P2C0G2A683J250KA</a><br>Description: CAP CER 0.068UF 100V C0G 1812 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">CGA8P1C0G3F331K250KA</a><br>Description: CAP CER 330PF 3KV C0G 1812    | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">CGA8N4X7T2W474M230KA</a><br>Description: CAP CER 0.47UF 450V X7T 1812  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CGA8P3X7T2E105M250KA</a><br>Description: CAP CER 1UF 250V X7T 1812     | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CGA8P2NP01H154J250KA</a><br>Description: CAP CER 0.15UF 50V NP0 1812   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CGA8Q3X7R1E156M280KB</a><br>Description: CAP CER 15UF 25V X7R 1812     | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CGA8P2X7R1E106K250KA</a><br>Description: CAP CER 10UF 25V X7R 1812     | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CGA8P3X7T2E105K250KE</a><br>Description: CAP CER 1UF 250V X7T 1812     | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CGA8R2C0G1H224J320KA</a><br>Description: CAP CER 0.22UF 50V C0G 1812   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CGA8P2C0G1H154J250KA</a><br>Description: CAP CER 0.15UF 50V C0G 1812   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CGA8P3X7R1H685K250KB</a><br>Description: CAP CER 6.8UF 50V X7R 1812    | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CGA8P1X7R1E226M250KC</a><br>Description: CAP CER 22UF 25V X7R 1812     | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CGA8R2C0G2A104J320KA</a><br>Description: CAP CER 0.1UF 100V C0G 1812   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |

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