

CGA6P2X7R1H105M160AA





Part Number: [CGA6P2X7R1H105M160AA](#)

Manufacturer: [TDK Corporation](#)

Description: CAP CER 1UF 50V X7R 1210

Data sheet:  [CGA Series, Automotive Grade Catalog](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                       |                                  |                                                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|----------------------------------|------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                       | CGA6P2X7R1H105M160AA                                  | Manufacturer                     | <a href="#">TDK Corporation</a>                      |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                       | CAP CER 1UF 50V X7R 1210                              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                | 518542 pcs                                            | Data sheet                       | <a href="#">CGA Series, Automotive Grade Catalog</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Capacitors</a>                            | Voltage - Rated                  | 50V                                                  |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ±20%                                                  | Thickness (Max)                  | 0.110" (2.80mm)                                      |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                           | X7R                                                   | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 445-13027-6                                           | 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                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1µF ±20% 50V Ceramic Capacitor X7R 1210 (3225 Metric) | Capacitance                      | 1µF                                                  |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Automotive                                            |                                  |                                                      |
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|                                | Part#: <a href="#">CGA6P2C0G1H104J250AA</a><br>Description: CAP CER 0.1UF 50V C0G 1210    | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|                                | Part#: <a href="#">CGA6P2X8R1E335K250AE</a><br>Description: CAP CER 3.3UF 25V X8R 1210    | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|                                | Part#: <a href="#">CGA6P1X8R1E106K250AE</a><br>Description: CAP CER 10UF 25V X8R 1210     | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|                                | Part#: <a href="#">CGA6P2X8R1E335M250AA</a><br>Description: CAP CER 3.3UF 25V X8R 1210    | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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|  <div>Copy Mounting Only</div> | Part#: <a href="#">CGA6P2X8R1E335M250AD</a><br>Description: CAP CER 3.3UF 25V X8R 1210    | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|                                | Part#: <a href="#">CGA6P3NP02E473J250AA</a><br>Description: CAP CER 0.047UF 250V NP0 1210 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|                                | Part#: <a href="#">CGA6P1X7S3D222M250AA</a><br>Description: CAP CER 2200PF 2KV X7S 1210   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|                                | Part#: <a href="#">CGA6P1X8R1E106M250AE</a><br>Description: CAP CER 10UF 25V X8R 1210     | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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