

CGA6M3X7R1C106M200AB



Part Number: [CGA6M3X7R1C106M200AB](#)

Manufacturer: [TDK Corporation](#)

Description: CAP CER 10UF 16V X7R 1210

Data sheet:  [CGA Series, Automotive Grade Catalog](#)  
 [CGA6M3X7R1C106M200AB Character Sheet](#)  
 [CGA Series, Automotive General & Mid-Volt Spec](#)

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                                                                                                                                                                                                                                                                                                                                                                                                                                                       | CGA6M3X7R1C106M200AB                                  | Manufacturer                     | <a href="#">TDK Corporation</a>                                                                                                                                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                       | CAP CER 10UF 16V X7R 1210                             | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                | 243786 pcs                                            | Data sheet                       | <a href="#">CGA Series, Automotive Grade Catalog</a><br><a href="#">CGA6M3X7R1C106M200AB Character Sheet</a><br><a href="#">CGA Series, Automotive General &amp; Mid-Volt Spec</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Capacitors</a>                            | Voltage - Rated                  | 16V                                                                                                                                                                                |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ±20%                                                  | Thickness (Max)                  | 0.087" (2.20mm)                                                                                                                                                                    |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                           | X7R                                                   | Size / Dimension                 | 0.126" L x 0.098" W (3.20mm x 2.50mm)                                                                                                                                              |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                            | CGA                                                   | Ratings                          | AEC-Q200                                                                                                                                                                           |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Tape & Reel (TR)                                      | Package / Case                   | 1210 (3225 Metric)                                                                                                                                                                 |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 445-5721-2<br>CGA6M3X7R1C106M<br>CGA6M3X7R1C106MT0Y0N | Operating Temperature            | -55°C ~ 125°C                                                                                                                                                                      |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Surface Mount, MLCC                                   | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                                                                                                                      |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                   | 52 Weeks                                              | Lead Style                       | -                                                                                                                                                                                  |
| Lead Spacing                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -                                                     | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                         |
| Height - Seated (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                             | -                                                     | Features                         | -                                                                                                                                                                                  |
| Failure Rate                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -                                                     | Detailed Description             | 10µF ±20% 16V Ceramic Capacitor X7R 1210 (3225 Metric)                                                                                                                             |
| Capacitance                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 10µF                                                  | Applications                     | Automotive                                                                                                                                                                         |
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| RELATED PRODUCTS                                                                                                         |                                                                                           |                                                |                     |
|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|------------------------------------------------|---------------------|
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|                                        | Part#: <a href="#">CGA6M3X7R2E104K200AA</a><br>Description: CAP CER 0.1UF 250V X7R 1210   | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|                                        | Part#: <a href="#">CGA6M3X7R1H225K200AE</a><br>Description: CAP CER 2.2UF 50V X7R 1210    | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|                                        | Part#: <a href="#">CGA6M2X7R2A474K200AE</a><br>Description: CAP CER 0.47UF 100V X7R 1210  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|                                        | Part#: <a href="#">CGA6M2X8R1E225M200AA</a><br>Description: CAP CER 2.2UF 25V X8R 1210    | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
| <br><small>Empty Mounting Only</small> | Part#: <a href="#">CGA6M2X8R1E225K200AD</a><br>Description: CAP CER 2.2UF 25V X8R 1210    | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|                                        | Part#: <a href="#">CGA6M3X7R1H155M200AB</a><br>Description: CAP CER 1.5UF 50V X7R 1210    | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|                                        | Part#: <a href="#">CGA6M2X8R1E225K200AA</a><br>Description: CAP CER 2.2UF 25V X8R 1210    | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|                                        | Part#: <a href="#">CGA6M3X7R2A155M200AB</a><br>Description: CAP CER 1.5UF 100V X7R 1210   | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|                                        | Part#: <a href="#">CGA6M3C0G2E153J200AA</a><br>Description: CAP CER 0.015UF 250V C0G 1210 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|                                        | Part#: <a href="#">CGA6M2X7R2A474M200AA</a><br>Description: CAP CER 0.47UF 100V X7R 1210  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|                                        | Part#: <a href="#">CGA6M3X7R1H225K200AB</a><br>Description: CAP CER 2.2UF 50V X7R 1210    | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|                                        | Part#: <a href="#">CGA6M3X7R1H225M200AB</a><br>Description: CAP CER 2.2UF 50V X7R 1210    | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
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|                                        | Part#: <a href="#">CGA6M3X7R1H155K200AB</a><br>Description: CAP CER 1.5UF 50V X7R 1210    | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
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| <br><small>Empty Mounting Only</small> | Part#: <a href="#">CGA6M2X8R1E225M200AD</a><br>Description: CAP CER 2.2UF 25V X8R 1210    | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
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|                                        | Part#: <a href="#">CGA6M3X7R1E156M200AB</a><br>Description: CAP CER 15UF 25V X7R 1210     | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|                                        | Part#: <a href="#">CGA6M3X7R2A155K200AB</a><br>Description: CAP CER 1.5UF 100V X7R 1210   | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |

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