

CGA6L2X7R2A684M160AA



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Part Number: CGA6L2X7R2A684M160AA

Manufacturer: TDK Corporation

Description: CAP CER 0.68UF 100V X7R 1210

Data sheet:  CGA6L2X7R2A684M160AA Character Sheet  
 CGA Series, Automotive Mid Voltage Datasheet  
 CGA Series, Automotive General & Mid-Volt Spec

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                  |                                                           |                                  |                                                                                                                                                                                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                        | CGA6L2X7R2A684M160AA                                      | Manufacturer                     | TDK Corporation                                                                                                                                                                            |
| Description                                                                                                                                                                                                                                                                                                                                                                                                        | CAP CER 0.68UF 100V X7R 1210                              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                 | 197980 pcs                                                | Data sheet                       | <a href="#">CGA6L2X7R2A684M160AA Character Sheet</a><br><a href="#">CGA Series, Automotive Mid Voltage Datasheet</a><br><a href="#">CGA Series, Automotive General &amp; Mid-Volt Spec</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                           | <a href="#">Capacitors</a>                                | Voltage - Rated                  | 100V                                                                                                                                                                                       |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                          | ±20%                                                      | Thickness (Max)                  | 0.071" (1.80mm)                                                                                                                                                                            |
| 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                                                                                                                                                                                                                                                                                                                                                                                                        | 445-13013-2<br>CGA6L2X7R2A684MT0Y0U                       | 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                                                                                                                                                                                                                                                                                                                                                                                               | 0.68µF ±20% 100V Ceramic Capacitor X7R 1210 (3225 Metric) | Capacitance                      | 0.68µF                                                                                                                                                                                     |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                       | Automotive                                                |                                  |                                                                                                                                                                                            |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all TDK Corporation series electronic components. We have 197980 pieces of TDK Corporation CGA6L2X7R2A684M160AA in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: info@Components-World.com |                                                           |                                  |                                                                                                                                                                                            |

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|-------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|------------------------------------------------|----------------|
|                                 | Part#: <a href="#">CGA6L2NP02A223J160AA</a><br>Description: CAP CER 0.022UF 100V NP0 1210    | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|                                 | Part#: <a href="#">CGA6L3C0G2E223J160AA</a><br>Description: CAP CER 0.022UF 250V C0G 1210    | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|                                 | Part#: <a href="#">CGA6L2X7R1E335K</a><br>Description: CAP CER 3.3UF 25V X7R 1210            | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  <div>Epoxy Mounting Only</div> | Part#: <a href="#">CGA6L2X8R1E155K160AD</a><br>Description: CAP CER 1.5UF 25V X8R 1210       | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|                                 | Part#: <a href="#">CGA6L3C0G2E223J160AE</a><br>Description: CAP CER .022UF 250V C0G/NP0 1210 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|                                 | Part#: <a href="#">CGA6L2X7R1H105K160AA</a><br>Description: CAP CER 1UF 50V X7R 1210         | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|                                 | Part#: <a href="#">CGA6L3NP02E223J160AA</a><br>Description: CAP CER 0.022UF 250V NP0 1210    | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|                                 | Part#: <a href="#">CGA6L2X7R1H105M160AE</a><br>Description: CAP CER 1UF 50V X7R 1210         | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|                                 | Part#: <a href="#">CGA6L2NP01H333J160AA</a><br>Description: CAP CER 0.033UF 50V NP0 1210     | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|                                 | Part#: <a href="#">CGA6L4C0G2J153J160AA</a><br>Description: CAP CER 0.015UF 630V C0G 1210    | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  <div>Epoxy Mounting Only</div> | Part#: <a href="#">CGA6L2X7R1H105K160AD</a><br>Description: CAP CER 1UF 50V X7R 1210         | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|                                 | Part#: <a href="#">CGA6L2X7R1H105M160AA</a><br>Description: CAP CER 1UF 50V X7R 1210         | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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|  <div>Epoxy Mounting Only</div> | Part#: <a href="#">CGA6L2X7R1H105M160AD</a><br>Description: CAP CER 1UF 50V X7R 1210         | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|                                 | Part#: <a href="#">CGA6L2X8R1E155M160AA</a><br>Description: CAP CER 1.5UF 25V X8R 1210       | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|                                 | Part#: <a href="#">CGA6L4C0G2J153J160AE</a><br>Description: CAP CER .015UF 630V C0G/NP0 1210 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|                                 | Part#: <a href="#">CGA6L2X8R1E155K160AA</a><br>Description: CAP CER 1.5UF 25V X8R 1210       | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|                                 | Part#: <a href="#">CGA6L3C0G2E103J160AA</a><br>Description: CAP CER 10000PF 250V C0G 1210    | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  <div>Epoxy Mounting Only</div> | Part#: <a href="#">CGA6L2X8R1E155M160AD</a><br>Description: CAP CER 1.5UF 25V X8R 1210       | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |

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