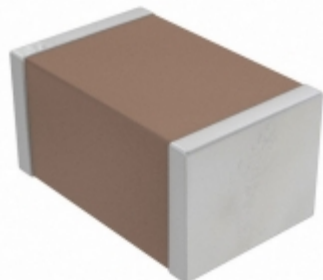


CGA5L3X8R1H684M160AB





Part Number: [CGA5L3X8R1H684M160AB](#)

Manufacturer: [TDK Corporation](#)

Description: CAP CER 0.68UF 50V X8R 1206

Data sheet:  [CGA Series, Automotive High Temp Datasheet](#)  
 [CGA Series, Automotive High Temp Spec](#)  
 [CGA5L3X8R1H684M160AB Character Sheet](#)

RoHs Status: Lead free / RoHS Compliant

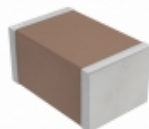
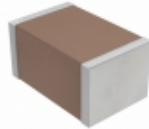
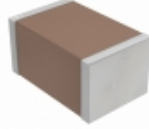
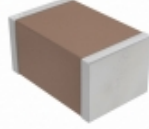
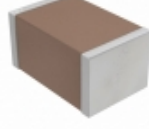
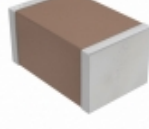
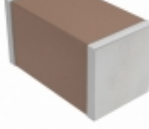
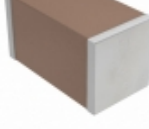
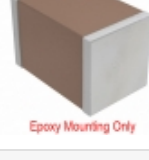
Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                     |                                  |                                                                                                                                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                       | CGA5L3X8R1H684M160AB                | Manufacturer                     | <a href="#">TDK Corporation</a>                                                                                                                                             |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                       | CAP CER 0.68UF 50V X8R 1206         | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                | 277430 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="#">CGA5L3X8R1H684M160AB Character Sheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Capacitors</a>          | Voltage - Rated                  | 50V                                                                                                                                                                         |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ±20%                                | Thickness (Max)                  | 0.071" (1.80mm)                                                                                                                                                             |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                           | X8R                                 | Size / Dimension                 | 0.126" L x 0.063" W (3.20mm x 1.60mm)                                                                                                                                       |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                            | CGA                                 | Ratings                          | AEC-Q200                                                                                                                                                                    |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Tape & Reel (TR)                    | Package / Case                   | 1206 (3216 Metric)                                                                                                                                                          |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 445-12999-2<br>CGA5L3X8R1H684MT0Y0N | Operating Temperature            | -55°C ~ 150°C                                                                                                                                                               |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Surface Mount, MLCC                 | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                                                                                                               |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                   | 48 Weeks                            | Lead Style                       | -                                                                                                                                                                           |
| Lead Spacing                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -                                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                  |
| Height - Seated (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                             | -                                   | Features                         | High Temperature                                                                                                                                                            |
| Failure Rate                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -                                   | Detailed Description             | 0.68µF ±20% 50V Ceramic Capacitor X8R 1206 (3216 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 277430 pieces of TDK Corporation CGA5L3X8R1H684M160AB 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: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                     |                                  |                                                                                                                                                                             |

| RELATED PRODUCTS                                                                                                  |                                                                                          |                                                |                |
|-------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------|----------------|
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|  <div>Epoxy Mounting Only</div> | Part#: <a href="#">CGA5L3X8R1H105K160AD</a><br>Description: CAP CER 1UF 50V X8R 1206     | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  <div>Epoxy Mounting Only</div> | Part#: <a href="#">CGA5L3X8R2A224M160AD</a><br>Description: CAP CER 0.22UF 100V X8R 1206 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|                                 | Part#: <a href="#">CGA5L3X8R2A334K160AB</a><br>Description: CAP CER 0.33UF 100V X8R 1206 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|                                 | Part#: <a href="#">CGA5L3X8R1H684K160AB</a><br>Description: CAP CER 0.68UF 50V X8R 1206  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|                                 | Part#: <a href="#">CGA5L3X8R1E225M160AE</a><br>Description: CAP CER 2.2UF 25V X8R 1206   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|                                 | Part#: <a href="#">CGA5L3X8R1H105M160AE</a><br>Description: CAP CER 1UF 50V X8R 1206     | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  <div>Epoxy Mounting Only</div> | Part#: <a href="#">CGA5L3X8R1H684K160AD</a><br>Description: CAP CER 0.68UF 50V X8R 1206  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|                                 | Part#: <a href="#">CGA5L3X8R2A224M160AE</a><br>Description: CAP CER 0.22UF 100V X8R 1206 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|                                 | Part#: <a href="#">CGA5L3X8R1H105K160AE</a><br>Description: CAP CER 1UF 50V X8R 1206     | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  <div>Epoxy Mounting Only</div> | Part#: <a href="#">CGA5L3X8R1H105M160AD</a><br>Description: CAP CER 1UF 50V X8R 1206     | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|                                 | Part#: <a href="#">CGA5L3X8R2A224K160AB</a><br>Description: CAP CER 0.22UF 100V X8R 1206 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|                                 | Part#: <a href="#">CGA5L3X8R1H684K160AE</a><br>Description: CAP CER 0.68UF 50V X8R 1206  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|                                 | Part#: <a href="#">CGA5L3X8R2A224K160AE</a><br>Description: CAP CER 0.22UF 100V X8R 1206 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|                                 | Part#: <a href="#">CGA5L3X8R2A224M160AB</a><br>Description: CAP CER 0.22UF 100V X8R 1206 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|                                 | Part#: <a href="#">CGA5L3X8R1H684M160AE</a><br>Description: CAP CER 0.68UF 50V X8R 1206  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  <div>Epoxy Mounting Only</div> | Part#: <a href="#">CGA5L3X8R2A334K160AD</a><br>Description: CAP CER 0.33UF 100V X8R 1206 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  <div>Epoxy Mounting Only</div> | Part#: <a href="#">CGA5L3X8R2A224K160AD</a><br>Description: CAP CER 0.22UF 100V X8R 1206 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|                                 | Part#: <a href="#">CGA5L3X8R1H105M160AB</a><br>Description: CAP CER 1UF 50V X8R 1206     | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  <div>Epoxy Mounting Only</div> | Part#: <a href="#">CGA5L3X8R1H684M160AD</a><br>Description: CAP CER 0.68UF 50V X8R 1206  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |

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