

CGA2B3X7S2A682M050BB



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Part Number: CGA2B3X7S2A682M050BB

Manufacturer: TDK Corporation

Description: CAP CER 6800PF 100V X7S 0402

Data sheet:  [CGA Series, Automotive Mid Voltage Datasheet](#)  
 [CGA2B3X7S2A682M050BB Character Sheet](#)  
 [CGA Series, Automotive General & Mid-Volt Spec](#)

RoHs Status: Lead free / RoHS Compliant

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                           |                                  |                                                                                                                                                                                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                        | CGA2B3X7S2A682M050BB                                      | Manufacturer                     | <a href="#">TDK Corporation</a>                                                                                                                                                            |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                        | CAP CER 6800PF 100V X7S 0402                              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 4386309 pcs                                               | Data sheet                       | <a href="#">CGA Series, Automotive Mid Voltage Datasheet</a><br><a href="#">CGA2B3X7S2A682M050BB Character Sheet</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)                  | 0.022" (0.55mm)                                                                                                                                                                            |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                            | X7S                                                       | Size / Dimension                 | 0.039" L x 0.020" W (1.00mm x 0.50mm)                                                                                                                                                      |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                             | CGA                                                       | Ratings                          | AEC-Q200                                                                                                                                                                                   |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Tape & Reel (TR)                                          | Package / Case                   | 0402 (1005 Metric)                                                                                                                                                                         |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 445-12292-2<br>CGA2B3X7S2A682MT0Y0F                       | 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                                                                                                                                                                                                                                                                                                                                                                                                                                               | 6800pF ±20% 100V Ceramic Capacitor X7S 0402 (1005 Metric) | Capacitance                      | 6800pF                                                                                                                                                                                     |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Automotive                                                |                                  |                                                                                                                                                                                            |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all TDK Corporation series electronic components. We have 4386309 pieces of TDK Corporation CGA2B3X7S2A682M050BB 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                                                                                                  |                                                                                           |                                                |                |
|-------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|------------------------------------------------|----------------|
|                                 | Part#: <a href="#">CGA2B3X8R1C473M050BB</a><br>Description: CAP CER 0.047UF 16V X8R 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|                                 | Part#: <a href="#">CGA2B3X8R1C333K050BB</a><br>Description: CAP CER 0.033UF 16V X8R 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|                                 | Part#: <a href="#">CGA2B3X7S2A152M050BB</a><br>Description: CAP CER 1500PF 100V X7S 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|                                 | Part#: <a href="#">CGA2B3X7S2A332K050BB</a><br>Description: CAP CER 3300PF 100V X7S 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  <div>Epoxy Mounting Only</div> | Part#: <a href="#">CGA2B3X8R1C333M050BD</a><br>Description: CAP CER 0.033UF 16V X8R 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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|                                 | Part#: <a href="#">CGA2B3X7S2A332M050BB</a><br>Description: CAP CER 3300PF 100V X7S 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  <div>Epoxy Mounting Only</div> | Part#: <a href="#">CGA2B3X8R1C333K050BD</a><br>Description: CAP CER 0.033UF 16V X8R 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|                                 | Part#: <a href="#">CGA2B3X7S2A222K050BB</a><br>Description: CAP CER 2200PF 100V X7S 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|                                 | Part#: <a href="#">CGA2B3X8R1C333M050BB</a><br>Description: CAP CER 0.033UF 16V X8R 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  <div>Epoxy Mounting Only</div> | Part#: <a href="#">CGA2B3X8R1C473K050BE</a><br>Description: CAP CER 0.047UF 16V X8R 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|                                 | Part#: <a href="#">CGA2B3X7S2A222M050BB</a><br>Description: CAP CER 2200PF 100V X7S 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|                                 | Part#: <a href="#">CGA2B3X7S2A472K050BB</a><br>Description: CAP CER 4700PF 100V X7S 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  <div>Epoxy Mounting Only</div> | Part#: <a href="#">CGA2B3X8R1C473K050BD</a><br>Description: CAP CER 0.047UF 16V X8R 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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|                                 | Part#: <a href="#">CGA2B3X7S2A103M050BB</a><br>Description: CAP CER 10000PF 100V X7S 0402 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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|                                 | Part#: <a href="#">CGA2B3X7S2A472M050BB</a><br>Description: CAP CER 4700PF 100V X7S 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |

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