

CGA2B3X7S2A102M050BB





Part Number: [CGA2B3X7S2A102M050BB](#)

Manufacturer: [TDK Corporation](#)

Description: CAP CER 1000PF 100V X7S 0402

Data sheet:  [CGA2B3X7S2A102M050BB 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                                                                                                                                                                                                                                                                                                                                                                                                                                                        | CGA2B3X7S2A102M050BB                | Manufacturer                     | <a href="#">TDK Corporation</a>                                                                                                                                                            |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                        | CAP CER 1000PF 100V X7S 0402        | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2161826 pcs                         | Data sheet                       | <a href="#">CGA2B3X7S2A102M050BB 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)                  | 0.022" (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                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 445-12287-2<br>CGA2B3X7S2A102MT0Y0F | Operating Temperature            | -55°C ~ 125°C                                                                                                                                                                              |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Surface Mount, MLCC                 | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                                                                                                                              |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                    | 40 Weeks                            | Lead Style                       | -                                                                                                                                                                                          |
| Lead Spacing                                                                                                                                                                                                                                                                                                                                                                                                                                                       | -                                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                                 |
| Height - Seated (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                              | -                                   | Features                         | -                                                                                                                                                                                          |
| Failure Rate                                                                                                                                                                                                                                                                                                                                                                                                                                                       | -                                   | Detailed Description             | 1000pF ±20% 100V Ceramic Capacitor X7S 0402 (1005 Metric)                                                                                                                                  |
| Capacitance                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1000pF                              | Applications                     | Automotive                                                                                                                                                                                 |
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|  | Part#: <a href="#">CGA2B3X7S1A474K050BB</a><br>Description: CAP CER 0.47UF 10V X7S 0402   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CGA2B3X7S2A152K050BB</a><br>Description: CAP CER 1500PF 100V X7S 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">CGA2B3X7S2A222M050BB</a><br>Description: CAP CER 2200PF 100V X7S 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">CGA2B3X7S1A334M050BB</a><br>Description: CAP CER 0.33UF 10V X7S 0402   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">CGA2B3X7S1A334K050BB</a><br>Description: CAP CER 0.33UF 10V X7S 0402   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">CGA2B3X7R1V683K050BB</a><br>Description: CAP CER 0.068UF 35V X7R 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> |
|  | Part#: <a href="#">CGA2B3X7S2A332M050BB</a><br>Description: CAP CER 3300PF 100V X7S 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CGA2B3X7R1V473M050BB</a><br>Description: CAP CER 0.047UF 35V X7R 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CGA2B3X7R1V683M050BB</a><br>Description: CAP CER 0.068UF 35V X7R 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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