

CGA2B2X8R1H222K050BD



Epoxy Mounting Only

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Part Number: CGA2B2X8R1H222K050BD

Manufacturer: TDK Corporation

Description: CAP CER 2200PF 50V X8R 0402

Data sheet:  [CGA Series, Automotive Epoxy Appl](#)  
 [CGA Series, Automotive Epoxy Appl Spec](#)  
 [CGA2B2X8R1H222K050BD Character Sheet](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                          |                                  |                                                                                                                                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                        | CGA2B2X8R1H222K050BD                                     | Manufacturer                     | <a href="#">TDK Corporation</a>                                                                                                                                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                        | CAP CER 2200PF 50V X8R 0402                              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1100070 pcs                                              | Data sheet                       | <a href="#">CGA Series, Automotive Epoxy Appl</a><br><a href="#">CGA Series, Automotive Epoxy Appl Spec</a><br><a href="#">CGA2B2X8R1H222K050BD Character Sheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <a href="#">Capacitors</a>                               | Voltage - Rated                  | 50V                                                                                                                                                                 |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ±10%                                                     | Thickness (Max)                  | 0.022" (0.55mm)                                                                                                                                                     |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                            | X8R                                                      | Size / Dimension                 | 0.039" L x 0.020" W (1.00mm x 0.50mm)                                                                                                                               |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                             | CGA                                                      | Ratings                          | AEC-Q200                                                                                                                                                            |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Original-Reel®                                           | Package / Case                   | 0402 (1005 Metric)                                                                                                                                                  |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 445-8853-6                                               | Operating Temperature            | -55°C ~ 150°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                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Epoxy Mountable                                          | Failure Rate                     | -                                                                                                                                                                   |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                               | 2200pF ±10% 50V Ceramic Capacitor X8R 0402 (1005 Metric) | Capacitance                      | 2200pF                                                                                                                                                              |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Automotive                                               |                                  |                                                                                                                                                                     |
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