

CBR02C689B9GAC





**Part Number:** [CBR02C689B9GAC](#)

**Manufacturer:** [KEMET](#)

**Description:** CAP CER 6.8PF 6.3V NP0 0201

**Data sheet:**  [HiQ-CBR Series, C0G, Low ESR](#)

**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                                                                                                                                                                                                                                                                                                                                                                                                                              | CBR02C689B9GAC                                                  | Manufacturer                    | <a href="#">KEMET</a>                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                              | CAP CER 6.8PF 6.3V NP0 0201                                     | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                       | 1747846 pcs                                                     | Data sheet                      | <a href="#">HiQ-CBR Series, C0G, Low ESR</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Capacitors</a>                                      | Voltage - Rated                 | 6.3V                                         |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                | ±0.1pF                                                          | Thickness (Max)                 | 0.013" (0.33mm)                              |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                  | C0G, NP0                                                        | Size / Dimension                | 0.024" L x 0.012" W (0.60mm x 0.30mm)        |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                   | CBR                                                             | Ratings                         | -                                            |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                | Tape & Reel (TR)                                                | Package / Case                  | 0201 (0603 Metric)                           |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                    | -55°C ~ 125°C                                                   | Mounting Type                   | Surface Mount, MLCC                          |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                         | 1 (Unlimited)                                                   | Manufacturer Standard Lead Time | 54 Weeks                                     |
| Lead Style                                                                                                                                                                                                                                                                                                                                                                                                                               | -                                                               | Lead Spacing                    | -                                            |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                           | Lead free / RoHS Compliant                                      | Height - Seated (Max)           | -                                            |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                 | High Q, Low Loss                                                | Failure Rate                    | -                                            |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                     | 6.8pF ±0.1pF 6.3V Ceramic Capacitor C0G, NP0 0201 (0603 Metric) | Capacitance                     | 6.8pF                                        |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                             | RF, Microwave, High Frequency                                   |                                 |                                              |
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| RELATED PRODUCTS                                                                   |                                                                                      |                                      |                     |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------|---------------------|
|  | Part#: <a href="#">CBR02C609B9GAC</a><br>Description: CAP CER 6PF 6.3V NP0 0201      | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CBR02C609C8GAC</a><br>Description: CAP CER 6PF 10V NP0 0201       | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CBR02C708A9GAC</a><br>Description: CAP CER 0.7PF 6.3V NP0 0201    | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CBR02C689B8GAC</a><br>Description: CAP CER 6.8PF 10V NP0 0201     | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CBR02C609D8GAC</a><br>Description: CAP CER 6PF 10V NP0 0201       | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CBR02C609D9GAC</a><br>Description: CAP CER 6PF 6.3V NP0 0201      | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CBR02C689D3GAC</a><br>Description: CAP CER 6.8PF 25V C0G/NP0 0201 | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CBR02C609D3GAC</a><br>Description: CAP CER 6PF 25V C0G/NP0 0201   | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CBR02C689C9GAC</a><br>Description: CAP CER 6.8PF 6.3V NP0 0201    | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">CBR02C609C3GAC</a><br>Description: CAP CER 6PF 25V NP0 0201       | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
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