

CBR06C689B5GAC





**Part Number:** [CBR06C689B5GAC](#)

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

**Description:** CAP CER 6.8PF 50V NP0 0603

**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                                                                                                                                                                                                                                                                                                                                                                                                                              | CBR06C689B5GAC                                                 | Manufacturer                    | <a href="#">KEMET</a>                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                              | CAP CER 6.8PF 50V NP0 0603                                     | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                       | 1800816 pcs                                                    | Data sheet                      | <a href="#">HiQ-CBR Series, C0G, Low ESR</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Capacitors</a>                                     | Voltage - Rated                 | 50V                                          |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                | ±0.1pF                                                         | Thickness (Max)                 | 0.034" (0.87mm)                              |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                  | C0G, NP0                                                       | Size / Dimension                | 0.063" L x 0.032" W (1.60mm x 0.80mm)        |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                   | CBR                                                            | Ratings                         | -                                            |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                | Tape & Reel (TR)                                               | Package / Case                  | 0603 (1608 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 50V Ceramic Capacitor C0G, NP0 0603 (1608 Metric) | Capacitance                     | 6.8pF                                        |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                             | RF, Microwave, High Frequency                                  |                                 |                                              |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all KEMET series electronic components. We have 1800816 pieces of KEMET CBR06C689B5GAC 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="#">CBR06C708A1GAC</a><br>Description: CAP CER 0.7PF 100V NP0 0603      | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CBR06C689CAGAC</a><br>Description: CAP CER 6.8PF 250V C0G/NP0 0603  | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CBR06C689B1GAC</a><br>Description: CAP CER 6.8PF 100V NP0 0603      | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CBR06C699B5GAC</a><br>Description: CAP CER RF 6.9PF 50V +/-0.1 PF C | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CBR06C689C5GAC</a><br>Description: CAP CER 6.8PF 50V NP0 0603       | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CBR06C689C1GAC</a><br>Description: CAP CER 6.8PF 100V NP0 0603      | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CBR06C649BAGAC</a><br>Description: CAP CER RF 6.4PF 250V +/-0.1 PF  | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CBR06C680FAGAC</a><br>Description: CAP CER RF 68PF 250V 1% C0G 0603 | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CBR06C659BAGAC</a><br>Description: CAP CER RF 6.5PF 250V +/-0.1 PF  | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CBR06C689BAGAC</a><br>Description: CAP CER 6.8PF 250V C0G/NP0 0603  | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CBR06C680F5GAC</a><br>Description: CAP CER RF 68PF 50V 1% C0G 0603  | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CBR06C669BAGAC</a><br>Description: CAP CER RF 6.6PF 250V +/-0.1 PF  | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CBR06C659B5GAC</a><br>Description: CAP CER RF 6.5PF 50V +/-0.1 PF C | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CBR06C689DAGAC</a><br>Description: CAP CER 6.8PF 250V C0G/NP0 0603  | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CBR06C689D1GAC</a><br>Description: CAP CER 6.8PF 100V NP0 0603      | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CBR06C699BAGAC</a><br>Description: CAP CER RF 6.9PF 250V +/-0.1 PF  | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CBR06C689D5GAC</a><br>Description: CAP CER 6.8PF 50V NP0 0603       | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
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| Related keywords for CBR06C689B5GAC |                            |                         |                      |
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