

06035C682K4T2A



Part Number: 06035C682K4T2A

Manufacturer: AVX Corporation

Description: CAP CER 6800PF 50V X7R 0603

Data sheet:  [Ceramic Chip Capacitor Catalog](#)  
 [Part Number Explanation](#)  
 [Automotive MLCC Series](#)

RoHs Status: Lead free / RoHS Compliant

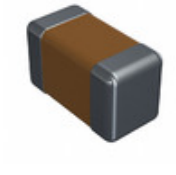
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                          |                                 |                                                                                                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 06035C682K4T2A                                           | Manufacturer                    | <a href="#">AVX Corporation</a>                                                                                                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                  | CAP CER 6800PF 50V X7R 0603                              | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1420899 pcs                                              | Data sheet                      | <a href="#">Ceramic Chip Capacitor Catalog</a><br><a href="#">Part Number Explanation</a><br><a href="#">Automotive MLCC Series</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="#">Capacitors</a>                               | Voltage - Rated                 | 50V                                                                                                                                 |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ±10%                                                     | Thickness (Max)                 | 0.035" (0.90mm)                                                                                                                     |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                      | X7R                                                      | Size / Dimension                | 0.063" L x 0.032" W (1.60mm x 0.81mm)                                                                                               |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                       | -                                                        | Ratings                         | AEC-Q200                                                                                                                            |
| 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 | 20 Weeks                                                                                                                            |
| Lead Style                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -                                                        | Lead Spacing                    | -                                                                                                                                   |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                               | Lead free / RoHS Compliant                               | Height - Seated (Max)           | -                                                                                                                                   |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                                        | Failure Rate                    | -                                                                                                                                   |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                         | 6800pF ±10% 50V Ceramic Capacitor X7R 0603 (1608 Metric) | Capacitance                     | 6800pF                                                                                                                              |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Automotive                                               |                                 |                                                                                                                                     |
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| RELATED PRODUCTS                                                                   |                                                                                    |                                                |                |
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|  | Part#: <a href="#">06035C751KAT2A</a><br>Description: CAP CER 750PF 50V X7R 0603   | Manufacturers: <a href="#">AVX Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">06035C682J4T2A</a><br>Description: CAP CER 6800PF 50V X7R 0603  | Manufacturers: <a href="#">AVX Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">06035C681MAT2A</a><br>Description: CAP CER 680PF 50V X7R 0603   | Manufacturers: <a href="#">AVX Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">06035C681KAT4A</a><br>Description: CAP CER 680PF 50V X7R 0603   | Manufacturers: <a href="#">AVX Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">06035C683K4Z2A</a><br>Description: CAP CER 0.068UF 50V X7R 0603 | Manufacturers: <a href="#">AVX Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">06035C683JAT2A</a><br>Description: CAP CER 0.068UF 50V X7R 0603 | Manufacturers: <a href="#">AVX Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">06035C682KAZ2A</a><br>Description: CAP CER 6800PF 50V X7R 0603  | Manufacturers: <a href="#">AVX Corporation</a> | <div>RFQ</div> |
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