

0805YC684K4Z2A



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**Part Number:** [0805YC684K4Z2A](#)

**Manufacturer:** [AVX Corporation](#)

**Description** CAP CER 0.68UF 16V X7R 0805

**Data sheet:**  [Ceramic Chip Capacitor Catalog](#)  
 [FLEXITERM® MLCC Series Datasheet](#)  
 [Part Number Explanation](#)

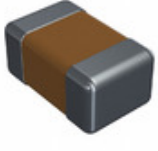
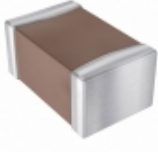
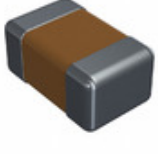
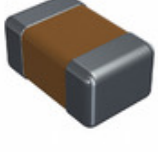
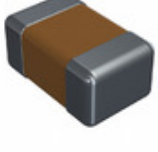
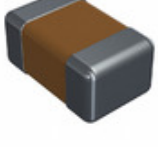
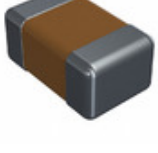
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                                 |                                                                                                                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0805YC684K4Z2A              | Manufacturer                    | <a href="#">AVX Corporation</a>                                                                                                               |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                 | CAP CER 0.68UF 16V X7R 0805 | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                          | 271313 pcs                  | Data sheet                      | <a href="#">Ceramic Chip Capacitor Catalog</a><br><a href="#">FLEXITERM® MLCC Series Datasheet</a><br><a href="#">Part Number Explanation</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="#">Capacitors</a>  | Voltage - Rated                 | 16V                                                                                                                                           |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ±10%                        | Thickness (Max)                 | 0.055" (1.40mm)                                                                                                                               |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                     | X7R                         | Size / Dimension                | 0.079" L x 0.049" W (2.01mm x 1.25mm)                                                                                                         |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                      | FLEXITERM®                  | Ratings                         | AEC-Q200                                                                                                                                      |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Tape & Reel (TR)            | Package / Case                  | 0805 (2012 Metric)                                                                                                                            |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                       | -55°C ~ 125°C               | Mounting Type                   | Surface Mount, MLCC                                                                                                                           |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                            | 1 (Unlimited)               | Manufacturer Standard Lead Time | 30 Weeks                                                                                                                                      |
| Lead Style                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -                           | Lead Spacing                    | -                                                                                                                                             |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                              | Lead free / RoHS Compliant  | Height - Seated (Max)           | -                                                                                                                                             |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Soft Termination            | Detailed Description            | 0.68µF ±10% 16V Ceramic Capacitor X7R 0805 (2012 Metric)                                                                                      |
| Capacitance                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0.68µF                      | Applications                    | Automotive, Boardflex Sensitive                                                                                                               |
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| RELATED PRODUCTS                                                                   |                                                                                    |                                                |                     |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------|---------------------|
|  | Part#: <a href="#">0805YC684M4T2A</a><br>Description: CAP CER 0.68UF 16V X7R 0805  | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805YC821MAT2A</a><br>Description: CAP CER 820PF 16V X7R 0805   | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805YC822KAT2A</a><br>Description: CAP CER 8200PF 16V X7R 0805  | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805YC822MAT2A</a><br>Description: CAP CER 8200PF 16V X7R 0805  | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805YC683JAT2A</a><br>Description: CAP CER 0.068UF 16V X7R 0805 | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805YC682JAT2A</a><br>Description: CAP CER 6800PF 16V X7R 0805  | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">0805YC563KAT2A</a><br>Description: CAP CER 0.056UF 16V X7R 0805 | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805YC822KAT4A</a><br>Description: CAP CER 8200PF 16V X7R 0805  | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805YC683KAJ2A</a><br>Description: CAP CER 0.068UF 16V X7R 0805 | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805YC563KAT4A</a><br>Description: CAP CER 0.056UF 16V X7R 0805 | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805YC823KAT2A</a><br>Description: CAP CER 0.082UF 16V X7R 0805 | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805YC684KAT2A</a><br>Description: CAP CER 0.68UF 16V X7R 0805  | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805YC563KAZ2A</a><br>Description: CAP CER 0.056UF 16V X7R 0805 | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805YC823JAT2A</a><br>Description: CAP CER 0.082UF 16V X7R 0805 | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805YC822JAT2A</a><br>Description: CAP CER 8200PF 16V X7R 0805  | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
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