

0603YA331KAT2A



Part Number: 0603YA331KAT2A

Manufacturer: AVX Corporation

Description: CAP CER 330PF 16V NP0 0603

Data sheet:  [Ceramic Chip Capacitor Catalog](#)  
 [C0G\(NP0\) Dielectric](#)  
 [Part Number Explanation](#)

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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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                              |                                 |                                                                                                                                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0603YA331KAT2A                                               | Manufacturer                    | <a href="#">AVX Corporation</a>                                                                                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                 | CAP CER 330PF 16V NP0 0603                                   | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                          | 749475 pcs                                                   | Data sheet                      | <a href="#">Ceramic Chip Capacitor Catalog</a><br><a href="#">C0G(NP0) Dielectric</a><br><a href="#">Part Number Explanation</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="#">Capacitors</a>                                   | Voltage - Rated                 | 16V                                                                                                                              |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ±10%                                                         | Thickness (Max)                 | 0.035" (0.90mm)                                                                                                                  |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                     | C0G, NP0                                                     | Size / Dimension                | 0.063" L x 0.032" W (1.60mm x 0.81mm)                                                                                            |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -                                                            | 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 | 28 Weeks                                                                                                                         |
| Lead Style                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -                                                            | Lead Spacing                    | -                                                                                                                                |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                              | Lead free / RoHS Compliant                                   | Height - Seated (Max)           | -                                                                                                                                |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                                            | Failure Rate                    | -                                                                                                                                |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                        | 330pF ±10% 16V Ceramic Capacitor C0G, NP0 0603 (1608 Metric) | Capacitance                     | 330pF                                                                                                                            |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                | General Purpose                                              |                                 |                                                                                                                                  |
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| RELATED PRODUCTS                                                                   |                                                                                  |                                                |                     |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|------------------------------------------------|---------------------|
|  | Part#: <a href="#">0603YA270JAT2A</a><br>Description: CAP CER 27PF 16V NP0 0603  | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0603YA4R3JAT2A</a><br>Description: CAP CER 4.3PF 16V NP0 0603 | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0603YA471KAT2A</a><br>Description: CAP CER 470PF 16V NP0 0603 | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0603YA561GAT2A</a><br>Description: CAP CER 560PF 16V NP0 0603 | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0603YA4R7CAT2A</a><br>Description: CAP CER 4.7PF 16V NP0 0603 | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0603YA471GAT2A</a><br>Description: CAP CER 470PF 16V NP0 0603 | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">0603YA471K4T2A</a><br>Description: CAP CER 470PF 16V NP0 0603 | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0603YA331K4T2A</a><br>Description: CAP CER 330PF 16V NP0 0603 | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">0603YA271GAT2A</a><br>Description: CAP CER 270PF 16V NP0 0603 | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0603YA270KAT2A</a><br>Description: CAP CER 27PF 16V NP0 0603  | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0603YA4R3CAT2A</a><br>Description: CAP CER 4.3PF 16V NP0 0603 | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0603YA241JAT2A</a><br>Description: CAP CER 240PF 16V NP0 0603 | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0603YA2R2JAT2A</a><br>Description: CAP CER 2.2PF 16V NP0 0603 | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0603YA2R7BAT2A</a><br>Description: CAP CER 2.7PF 16V NP0 0603 | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0603YA3R3CAT2A</a><br>Description: CAP CER 3.3PF 16V NP0 0603 | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0603YA330J4T2A</a><br>Description: CAP CER 33PF 16V NP0 0603  | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0603YA270K4T2A</a><br>Description: CAP CER 27PF 16V NP0 0603  | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |