

C3216X7R1H225K160AE



Part Number: C3216X7R1H225K160AE

Manufacturer: TDK Corporation

Description: CAP CER 2.2UF 50V X7R 1206

Data sheet: 

PDF

C Series, Soft Termination Datasheet

PDF

C Series, Soft Termination Spec

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C3216X7R1H225K160AE Character Sheet

RoHs Status: Lead free / RoHS Compliant

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                 |                                                         |                                  |                                                                                                                                                                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                       | C3216X7R1H225K160AE                                     | Manufacturer                     | TDK Corporation                                                                                                                                                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                       | CAP CER 2.2UF 50V X7R 1206                              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                | 200769 pcs                                              | Data sheet                       | <a href="#">C Series, Soft Termination Datasheet</a><br><a href="#">C Series, Soft Termination Spec</a><br><a href="#">C3216X7R1H225K160AE Character Sheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Capacitors</a>                              | Voltage - Rated                  | 50V                                                                                                                                                            |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                         | ±10%                                                    | Thickness (Max)                  | 0.063" (1.60mm)                                                                                                                                                |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                           | X7R                                                     | Size / Dimension                 | 0.126" L x 0.063" W (3.20mm x 1.60mm)                                                                                                                          |
| Series                                                                                                                                                                                                                                                                                                                                                                                                            | C                                                       | Ratings                          | -                                                                                                                                                              |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                         | Cut Tape (CT)                                           | Package / Case                   | 1206 (3216 Metric)                                                                                                                                             |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                       | 445-8903-1                                              | Operating Temperature            | -55°C ~ 125°C                                                                                                                                                  |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                     | Surface Mount, MLCC                                     | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                                                                                                  |
| Lead Style                                                                                                                                                                                                                                                                                                                                                                                                        | -                                                       | Lead Spacing                     | -                                                                                                                                                              |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                    | Lead free / RoHS Compliant                              | Height - Seated (Max)            | -                                                                                                                                                              |
| Features                                                                                                                                                                                                                                                                                                                                                                                                          | Soft Termination                                        | Failure Rate                     | -                                                                                                                                                              |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                              | 2.2µF ±10% 50V Ceramic Capacitor X7R 1206 (3216 Metric) | Capacitance                      | 2.2µF                                                                                                                                                          |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                      | Boardflex Sensitive                                     |                                  |                                                                                                                                                                |
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|  | Part#: <a href="#">C3216X7R1H105K160AE</a><br>Description: CAP CER 1UF 50V X7R 1206    | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C3216X7R1H225M160AB</a><br>Description: CAP CER 2.2UF 50V X7R 1206  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C3216X7R1H335M160AC</a><br>Description: CAP CER 3.3UF 50V X7R 1206  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">C3216X7R1H474M160AA</a><br>Description: CAP CER 0.47UF 50V X7R 1206 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C3216X7R1H105M160AE</a><br>Description: CAP CER 1UF 50V X7R 1206    | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">C3216X7R1H155K160AB</a><br>Description: CAP CER 1.5UF 50V X7R 1206  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">C3216X7R1H224K115AA</a><br>Description: CAP CER 0.22UF 50V X7R 1206 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C3216X7R1H474K/8</a><br>Description: CAP CER 0.47UF 50V X7R 1206    | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C3216X7R1H155M160AB</a><br>Description: CAP CER 1.5UF 50V X7R 1206  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">C3216X7R1H225M160AE</a><br>Description: CAP CER 2.2UF 50V X7R 1206  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">C3216X7R1H474K160AA</a><br>Description: CAP CER 0.47UF 50V X7R 1206 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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