

C2012Y5V1C225Z/10





Part Number: [C2012Y5V1C225Z/10](#)

Manufacturer: [TDK Corporation](#)

Description: CAP CER 2.2UF 16V Y5V 0805

Data sheet:  [C Series, General](#)  
 [MLCC Part Number Guide](#)

RoHs Status: Lead free / RoHS Compliant

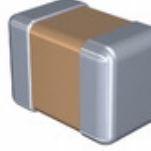
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                   |                                  |                                                                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------|-----------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | C2012Y5V1C225Z/10                                                 | Manufacturer                     | <a href="#">TDK Corporation</a>                                             |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                    | CAP CER 2.2UF 16V Y5V 0805                                        | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                             | 890960 pcs                                                        | Data sheet                       | <a href="#">C Series, General</a><br><a href="#">MLCC Part Number Guide</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <a href="#">Capacitors</a>                                        | Voltage - Rated                  | 16V                                                                         |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -20%, +80%                                                        | Thickness (Max)                  | 0.057" (1.45mm)                                                             |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                        | Y5V (F)                                                           | Size / Dimension                 | 0.079" L x 0.049" W (2.00mm x 1.25mm)                                       |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                         | C                                                                 | Ratings                          | -                                                                           |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Tape & Reel (TR)                                                  | Package / Case                   | 0805 (2012 Metric)                                                          |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                    | C2012Y5V1C225ZT/10<br>C2012Y5V1C225ZT10<br>C2012Y5V1C225ZT10-ND   | Operating Temperature            | -30°C ~ 85°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                                                                                                                                                                                                                                                                                                                                                                                                                                                       | -                                                                 | Failure Rate                     | -                                                                           |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2.2µF -20%, +80% 16V Ceramic Capacitor Y5V (F) 0805 (2012 Metric) | Capacitance                      | 2.2µF                                                                       |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                   | General Purpose                                                   |                                  |                                                                             |
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|  | Part#: <a href="#">C2012Y5V1E105Z/1.25</a><br>Description: CAP CER 1UF 25V Y5V 0805   | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C2012Y5V1C475Z/0.85</a><br>Description: CAP CER 4.7UF 16V Y5V 0805 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C2012Y5V1C475Z/1.25</a><br>Description: CAP CER 4.7UF 16V Y5V 0805 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">C2012Y5V1C105Z/0.85</a><br>Description: CAP CER 1UF 16V Y5V 0805   | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C2012Y5V1A475Z/1.25</a><br>Description: CAP CER 4.7UF 10V Y5V 0805 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C2012Y5V1E225Z/10</a><br>Description: CAP CER 2.2UF 25V Y5V 0805   | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C2012Y5V1C475Z/10</a><br>Description: CAP CER 4.7UF 16V Y5V 0805   | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">C2012Y5V1A475Z/0.85</a><br>Description: CAP CER 4.7UF 10V Y5V 0805 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C2012Y5V1E105Z/10</a><br>Description: CAP CER 1UF 25V Y5V 0805     | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C2012Y5V1E225Z</a><br>Description: CAP CER 2.2UF 25V Y5V 0805      | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">C2012Y5V1C225Z/1.25</a><br>Description: CAP CER 2.2UF 16V Y5V 0805 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C2012Y5V1A106Z/10</a><br>Description: CAP CER 10UF 10V Y5V 0805    | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C2012Y5V1E105Z/0.85</a><br>Description: CAP CER 1UF 25V Y5V 0805   | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C2012Y5V1H104Z/0.60</a><br>Description: CAP CER 0.1UF 50V Y5V 0805 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
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