

C2012X7R2A683M085AA



Part Number: C2012X7R2A683M085AA

Manufacturer: TDK Corporation

Description: CAP CER 0.068UF 100V X7R 0805

Data sheet:  C Series, Gen Appl & Mid-Voltage Spec  
 C Series, Mid Voltage Datasheet

RoHs Status: Lead free / RoHS Compliant

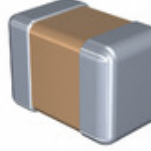
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                  |                                                            |                                  |                                                                                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                        | C2012X7R2A683M085AA                                        | Manufacturer                     | <a href="#">TDK Corporation</a>                                                                              |
| Description                                                                                                                                                                                                                                                                                                                                                                                                        | CAP CER 0.068UF 100V X7R 0805                              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                 | 1096588 pcs                                                | Data sheet                       | <a href="#">C Series, Gen Appl &amp; Mid-Voltage Spec</a><br><a href="#">C Series, Mid Voltage Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                           | <a href="#">Capacitors</a>                                 | Voltage - Rated                  | 100V                                                                                                         |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                          | ±20%                                                       | Thickness (Max)                  | 0.041" (1.05mm)                                                                                              |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                            | X7R                                                        | 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                                                                                                                                                                                                                                                                                                                                                                                                        | 445-4441-2<br>C2012X7R2A683M<br>C2012X7R2A683MT0L0U        | 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                                                                                                                                                                                                                                                                                                                                                                                                           | -                                                          | Failure Rate                     | -                                                                                                            |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                               | 0.068µF ±20% 100V Ceramic Capacitor X7R 0805 (2012 Metric) | Capacitance                      | 0.068µF                                                                                                      |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                       | General Purpose                                            |                                  |                                                                                                              |
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|  | Part#: <a href="#">C2012X7R2E103K125AA</a><br>Description: CAP CER 10000PF 250V X7R 0805 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C2012X7R2A682M085AA</a><br>Description: CAP CER 6800PF 100V X7R 0805  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C2012X7R2E103K125AM</a><br>Description: CAP CER 10000PF 250V X7R 0805 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C2012X7R2A473K125AE</a><br>Description: CAP CER 0.047UF 100V X7R 0805 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C2012X7R2E102M085AE</a><br>Description: CAP CER 1000PF 250V X7R 0805  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C2012X7R2A473M125AE</a><br>Description: CAP CER 0.047UF 100V X7R 0805 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C2012X7R2E103M125AE</a><br>Description: CAP CER 10000PF 250V X7R 0805 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C2012X7R2E103M125AA</a><br>Description: CAP CER 10000PF 250V X7R 0805 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C2012X7R2A472M085AA</a><br>Description: CAP CER 4700PF 100V X7R 0805  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C2012X7R2A683K085AA</a><br>Description: CAP CER 0.068UF 100V X7R 0805 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C2012X7R2A472M085AE</a><br>Description: CAP CER 4700PF 100V X7R 0805  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C2012X7R2E102K085AM</a><br>Description: CAP CER 1000PF 250V X7R 0805  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
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