

C2012X5R1E684M125AA



Part Number: C2012X5R1E684M125AA

Manufacturer: TDK Corporation

Description: CAP CER 0.68UF 25V X5R 0805

Data sheet: 

C Series, General Datasheet

C Series, Gen Appl & Mid-Voltage Spec

MLCC Part Number Guide

RoHs Status: Lead free / RoHS Compliant

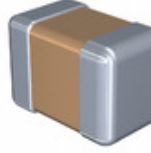
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                  |                                                          |                                  |                                                                                                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                        | C2012X5R1E684M125AA                                      | Manufacturer                     | TDK Corporation                                                                                                               |
| Description                                                                                                                                                                                                                                                                                                                                                                                                        | CAP CER 0.68UF 25V X5R 0805                              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                 | 1162619 pcs                                              | Data sheet                       | <div>C Series, General Datasheet</div> <div>C Series, Gen Appl &amp; Mid-Voltage Spec</div> <div>MLCC Part Number Guide</div> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                           | Capacitors                                               | Voltage - Rated                  | 25V                                                                                                                           |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                          | ±20%                                                     | Thickness (Max)                  | 0.057" (1.45mm)                                                                                                               |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                            | X5R                                                      | 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                                                                                                                                                                                                                                                                                                                                                                                                        | 445-14400-2<br>C2012X5R1E684MT000N                       | Operating Temperature            | -55°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                                                                                                                                                                                                                                                                                                                                                                                                           | Low ESL                                                  | Failure Rate                     | -                                                                                                                             |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                               | 0.68µF ±20% 25V Ceramic Capacitor X5R 0805 (2012 Metric) | Capacitance                      | 0.68µF                                                                                                                        |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                       | General Purpose                                          |                                  |                                                                                                                               |
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| RELATED PRODUCTS                                                                   |                                                                        |                                |     |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------|--------------------------------|-----|
|  | Part#: C2012X5R1H154K085AA<br>Description: CAP CER 0.15UF 50V X5R 0805 | Manufacturers: TDK Corporation | RFQ |
|  | Part#: C2012X5R1H105K125AB<br>Description: CAP CER 1UF 50V X5R 0805    | Manufacturers: TDK Corporation | RFQ |
|  | Part#: C2012X5R1E226M125AC<br>Description: CAP CER 22UF 25V X5R 0805   | Manufacturers: TDK Corporation | RFQ |
|  | Part#: C2012X5R1E335M125AB<br>Description: CAP CER 3.3UF 25V X5R 0805  | Manufacturers: TDK Corporation | RFQ |
|  | Part#: C2012X5R1E685K125AC<br>Description: CAP CER 6.8UF 25V X5R 0805  | Manufacturers: TDK Corporation | RFQ |
|  | Part#: C2012X5R1H105M125AB<br>Description: CAP CER 1UF 50V X5R 0805    | Manufacturers: TDK Corporation | RFQ |
|  | Part#: C2012X5R1E684K125AA<br>Description: CAP CER 0.68UF 25V X5R 0805 | Manufacturers: TDK Corporation | RFQ |
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|  | Part#: C2012X5R1E475M085AC<br>Description: CAP CER 4.7UF 25V X5R 0805  | Manufacturers: TDK Corporation | RFQ |
|  | Part#: C2012X5R1E335K085AC<br>Description: CAP CER 3.3UF 25V X5R 0805  | Manufacturers: TDK Corporation | RFQ |
|  | Part#: C2012X5R1E475K085AC<br>Description: CAP CER 4.7UF 25V X5R 0805  | Manufacturers: TDK Corporation | RFQ |
|  | Part#: C2012X5R1E685M125AC<br>Description: CAP CER 6.8UF 25V X5R 0805  | Manufacturers: TDK Corporation | RFQ |
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| Related keywords for C2012X5R1E684M125AA |                                 |                              |                           |
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