

C2012X5R1A685M085AB



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Part Number: C2012X5R1A685M085AB

Manufacturer: TDK Corporation

Description: CAP CER 6.8UF 10V 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

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                         |                                  |                                                                                                                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                      | C2012X5R1A685M085AB                                     | Manufacturer                     | <a href="#">TDK Corporation</a>                                                                                                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                      | CAP CER 6.8UF 10V X5R 0805                              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                               | 677550 pcs                                              | Data sheet                       | <a href="#">C Series, General Datasheet</a><br><a href="#">C Series, Gen Appl &amp; Mid-Voltage Spec</a><br><a href="#">MLCC Part Number Guide</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <a href="#">Capacitors</a>                              | Voltage - Rated                  | 10V                                                                                                                                                |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ±20%                                                    | Thickness (Max)                  | 0.039" (1.00mm)                                                                                                                                    |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 445-14369-2<br>C2012X5R1A685MT0J0N                      | 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                                                                                                                                                                                                                                                                                                                                                                                                                                             | 6.8µF ±20% 10V Ceramic Capacitor X5R 0805 (2012 Metric) | Capacitance                      | 6.8µF                                                                                                                                              |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                     | General Purpose                                         |                                  |                                                                                                                                                    |
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| RELATED PRODUCTS                                                                   |                                                                                       |                                                |                |
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|  | Part#: <a href="#">C2012X5R1A475M125AA</a><br>Description: CAP CER 4.7UF 10V X5R 0805 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C2012X5R1C105K085AA</a><br>Description: CAP CER 1UF 16V X5R 0805   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C2012X5R1A475K125AA</a><br>Description: CAP CER 4.7UF 10V X5R 0805 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C2012X5R1A475K085AC</a><br>Description: CAP CER 4.7UF 10V X5R 0805 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C2012X5R1C106K125AC</a><br>Description: CAP CER 10UF 16V X5R 0805  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">C2012X5R1C105M085AA</a><br>Description: CAP CER 1UF 16V X5R 0805   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C2012X5R1C105M1.25</a><br>Description: CAP CER 1UF 16V X5R 0805    | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">C2012X5R1A685M060AC</a><br>Description: CAP CER 6.8UF 10V X5R 0805 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C2012X5R1A476M125AC</a><br>Description: CAP CER 47UF 10V X5R 0805  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C2012X5R1A685K085AB</a><br>Description: CAP CER 6.8UF 10V X5R 0805 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C2012X5R1C155K125AA</a><br>Description: CAP CER 1.5UF 16V X5R 0805 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C2012X5R1C105K1.25</a><br>Description: CAP CER 1UF 16V X5R 0805    | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C2012X5R1C106M125AC</a><br>Description: CAP CER 10UF 16V X5R 0805  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C2012X5R1A475M060AB</a><br>Description: CAP CER 4.7UF 10V X5R 0805 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C2012X5R1C106K085AC</a><br>Description: CAP CER 10UF 16V X5R 0805  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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