

C3225X8R2A684M250AE



**Part Number:** C3225X8R2A684M250AE

**Manufacturer:** TDK Corporation

**Description:** CAP CER 0.68UF 100V X8R 1210

**Data sheet:**  [C Series, Soft Termination Datasheet](#)  
 [C Series, Soft Termination Spec](#)

**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

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See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                |                                                           |                                  |                                                                                                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------------|---------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                      | C3225X8R2A684M250AE                                       | Manufacturer                     | <a href="#">TDK Corporation</a>                                                                         |
| Description                                                                                                                                                                                                                                                                                                                                                                                                      | CAP CER 0.68UF 100V X8R 1210                              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                               | 62594 pcs                                                 | Data sheet                       | <a href="#">C Series, Soft Termination Datasheet</a><br><a href="#">C Series, Soft Termination Spec</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                         | <a href="#">Capacitors</a>                                | Voltage - Rated                  | 100V                                                                                                    |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                        | ±20%                                                      | Thickness (Max)                  | 0.110" (2.80mm)                                                                                         |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                          | X8R                                                       | Size / Dimension                 | 0.126" L x 0.098" W (3.20mm x 2.50mm)                                                                   |
| Series                                                                                                                                                                                                                                                                                                                                                                                                           | C                                                         | Ratings                          | -                                                                                                       |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                        | Tape & Reel (TR)                                          | Package / Case                   | 1210 (3225 Metric)                                                                                      |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                      | C3225X8R2A684MT000S                                       | Operating Temperature            | -55°C ~ 150°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                                                                                                                                                                                                                                                                                                                                                                                             | 0.68µF ±20% 100V Ceramic Capacitor X8R 1210 (3225 Metric) | Capacitance                      | 0.68µF                                                                                                  |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                     | Boardflex Sensitive                                       |                                  |                                                                                                         |
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|  | Part#: <a href="#">C3225X8R1E475M250AB</a><br>Description: CAP CER 4.7UF 25V X8R 1210   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C3225Y5V1A476Z</a><br>Description: CAP CER 47UF 10V Y5V 1210         | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">C3225X8R2A474K200AE</a><br>Description: CAP CER 0.47UF 100V X8R 1210 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C3225Y5V0J107Z</a><br>Description: CAP CER 100UF 6.3V Y5V 1210       | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C3225Y5V1A226Z/5</a><br>Description: CAP CER 22UF 10V Y5V 1210       | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C3225X8R2A474M200AB</a><br>Description: CAP CER 0.47UF 100V X8R 1210 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C3225X8R2A474K200AB</a><br>Description: CAP CER 0.47UF 100V X8R 1210 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C3225X8R1E475M250AE</a><br>Description: CAP CER 4.7UF 25V X8R 1210   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C3225Y5V1C226Z/1.30</a><br>Description: CAP CER 22UF 16V Y5V 1210    | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C3225Y5V1A476Z/5</a><br>Description: CAP CER 47UF 10V Y5V 1210       | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C3225Y5V0J107Z/5</a><br>Description: CAP CER 100UF 6.3V Y5V 1210     | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C3225X8R2A684M250AB</a><br>Description: CAP CER 0.68UF 100V X8R 1210 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C3225Y5V1C106Z/8</a><br>Description: CAP CER 10UF 16V Y5V 1210       | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C3225X8R2A684K250AB</a><br>Description: CAP CER 0.68UF 100V X8R 1210 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C3225Y5V1C106Z/1.60</a><br>Description: CAP CER 10UF 16V Y5V 1210    | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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