

C1005CH1H180J050BA



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Part Number: C1005CH1H180J050BA

Manufacturer: TDK Corporation

Description: CAP CER 18PF 50V CH 0402

Data sheet:

 C Series, General Datasheet

 C Series, Gen Appl & Mid-Voltage Spec

 MLCC Part Number Guide

 C1005CH1H180J050BA Character Sheet

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                 |                                                      |                                  |                                                                                                                                                                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                       | C1005CH1H180J050BA                                   | Manufacturer                     | TDK Corporation                                                                                                                                                                                          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                       | CAP CER 18PF 50V CH 0402                             | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                | 4138308 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><br><a href="#">C1005CH1H180J050BA Character Sheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Capacitors</a>                           | Voltage - Rated                  | 50V                                                                                                                                                                                                      |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                         | ±5%                                                  | Thickness (Max)                  | 0.022" (0.55mm)                                                                                                                                                                                          |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                           | CH                                                   | Size / Dimension                 | 0.039" L x 0.020" W (1.00mm x 0.50mm)                                                                                                                                                                    |
| Series                                                                                                                                                                                                                                                                                                                                                                                                            | C                                                    | Ratings                          | -                                                                                                                                                                                                        |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                         | Tape & Reel (TR)                                     | Package / Case                   | 0402 (1005 Metric)                                                                                                                                                                                       |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                       | 445-10837-2<br>C1005CH1H180JT000F                    | Operating Temperature            | -25°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                                                                                                                                                                                                                                                                                                                                                                                              | 18pF ±5% 50V Ceramic Capacitor CH 0402 (1005 Metric) | Capacitance                      | 18pF                                                                                                                                                                                                     |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                      | General Purpose                                      |                                  |                                                                                                                                                                                                          |
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|  | Part#: <a href="#">C1005CH1H101K050BA</a><br>Description: CAP CER 100PF 50V CH 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1005CH1H1R5B050BA</a><br>Description: CAP CER 1.5PF 50V CH 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1005CH1H181J050BA</a><br>Description: CAP CER 180PF 50V CH 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1005CH1H101J050BA</a><br>Description: CAP CER 100PF 50V CH 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">C1005CH1H151J050BA</a><br>Description: CAP CER 150PF 50V CH 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1005CH1H270J050BA</a><br>Description: CAP CER 27PF 50V CH 0402   | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">C1005CH1H221J050BA</a><br>Description: CAP CER 220PF 50V CH 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |

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