

1SMC150CA TR13



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**Central**<sup>™</sup>  
Semiconductor Corp.

**Part Number:** 1SMC150CA TR13

**Manufacturer:** Central Semiconductor

**Description:** TVS DIODE 150V 243V SMC

**Data sheet:**  1SMC5.0CA thru 1SMC170CA

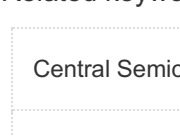
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                    |                                  |                                                                                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|----------------------------------|----------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1SMC150CA TR13                     | Manufacturer                     | <a href="#">Central Semiconductor</a>                                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                             | TVS DIODE 150V 243V SMC            | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 132449 pcs                         | Data sheet                       | <a href="#">1SMC5.0CA thru 1SMC170CA</a>                                               |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Circuit Protection</a> | Voltage - Reverse Standoff (Typ) | 150V                                                                                   |
| Voltage - Clamping (Max) @ 1pp                                                                                                                                                                                                                                                                                                                                                                                                                                          | 243V                               | Voltage - Breakdown (Min)        | 167V                                                                                   |
| Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Zener                              | Supplier Device Package          | SMC                                                                                    |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -                                  | Power Line Protection            | No                                                                                     |
| Power - Peak Pulse                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1500W (1.5kW)                      | Packaging                        | Tape & Reel (TR)                                                                       |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                          | DO-214AB, SMC                      | Other Names                      | 1SMC150CA TR13 PBFREE<br>1SMC150CA TR13-TR<br>1SMC150CA TR13-TR-ND<br>1SMC150CATR13-TR |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -65°C ~ 150°C (TJ)                 | Mounting Type                    | Surface Mount                                                                          |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1 (Unlimited)                      | Manufacturer Standard Lead Time  | 19 Weeks                                                                               |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                          | Lead free / RoHS Compliant         | Current - Peak Pulse (10/1000µs) | 6.2A                                                                                   |
| Capacitance @ Frequency                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                  | Bidirectional Channels           | 1                                                                                      |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                            | General Purpose                    |                                  |                                                                                        |
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| RELATED PRODUCTS                                                                   |                                                                               |                                                                     |                     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|---------------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">1SMC16A TR13</a><br>Description: TVS DIODE 16V 26V SMC     | Manufacturers: <a href="#">Central Semiconductor</a>                | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1SMC160CA TR13</a><br>Description: TVS DIODE 160V 259V SMC | Manufacturers: <a href="#">Central Semiconductor</a>                | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1SMC160A TR13</a><br>Description: TVS DIODE 160V 259V SMC  | Manufacturers: <a href="#">Central Semiconductor</a>                | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1SMC150A TR13</a><br>Description: TVS DIODE 150V 243V SMC  | Manufacturers: <a href="#">Central Semiconductor</a>                | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1SMC13CA TR13</a><br>Description: TVS DIODE 13V 21.5V SMC  | Manufacturers: <a href="#">Central Semiconductor</a>                | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1SMC13AT3G</a><br>Description: TVS DIODE 13V 21.5V SMC     | Manufacturers: <a href="#">Hamlin / Littelfuse</a>                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1SMC15CA TR13</a><br>Description: TVS DIODE 15V 24.4V SMC  | Manufacturers: <a href="#">Central Semiconductor</a>                | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1SMC16AT3</a><br>Description: TVS DIODE 16V 26V SMC        | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1SMC16CA TR13</a><br>Description: TVS DIODE 16V 26V SMC    | Manufacturers: <a href="#">Central Semiconductor</a>                | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1SMC15AT3G</a><br>Description: TVS DIODE 15V 24.4V SMC     | Manufacturers: <a href="#">Hamlin / Littelfuse</a>                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1SMC14A TR13</a><br>Description: TVS DIODE 14V 23.2V SMC   | Manufacturers: <a href="#">Central Semiconductor</a>                | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1SMC16AT3G</a><br>Description: TVS DIODE 16V 26V SMC       | Manufacturers: <a href="#">Hamlin / Littelfuse</a>                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1SMC150A BK</a><br>Description: TVS DIODE 150V 243V SMC    | Manufacturers: <a href="#">Central Semiconductor</a>                | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1SMC15AT3</a><br>Description: TVS DIODE 15V 24.4V SMC      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1SMC13A TR13</a><br>Description: TVS DIODE 13V 21.5V SMC   | Manufacturers: <a href="#">Central Semiconductor</a>                | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1SMC13AT3</a><br>Description: TVS DIODE 13V 21.5V SMC      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1SMC14CA TR13</a><br>Description: TVS DIODE 14V 23.2V SMC  | Manufacturers: <a href="#">Central Semiconductor</a>                | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1SMC14AT3</a><br>Description: TVS DIODE 14V 23.2V SMC      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
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| Related keywords for 1SMC150CA TR13  |                                           |                         |                      |
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