

SMCJ120CA-13-F



**Part Number:** [SMCJ120CA-13-F](#)

**Manufacturer:** [Diodes Incorporated](#)

**Description:** TVS DIODE 120VWM 193VC SMC

**Data sheet:**  [SMCJ5.0A, CA](#) - [SMCJ170A, CA](#)

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

**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER               |                                    |                                  |                                                             |
|---------------------------------|------------------------------------|----------------------------------|-------------------------------------------------------------|
| Part Number                     | SMCJ120CA-13-F                     | Manufacturer                     | <a href="#">Diodes Incorporated</a>                         |
| Description                     | TVS DIODE 120VWM 193VC SMC         | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                  |
| Quantity Available              | 237288 pcs                         | Data sheet                       | <a href="#">SMCJ5.0A, CA</a> - <a href="#">SMCJ170A, CA</a> |
| Category                        | <a href="#">Circuit Protection</a> | Voltage - Clamping (Max) @ Ipp   | 133V                                                        |
| Voltage - Breakover             | 1                                  | Voltage - Breakdown (Min)        | 120V                                                        |
| Voltage - Breakdown             | SMC                                | Type                             | Zener                                                       |
| Series                          | -                                  | RoHS Status                      | Tape & Reel (TR)                                            |
| Ripple Current - Low Frequency  | General Purpose                    | Power Line Protection            | 1500W (1.5kW)                                               |
| Power - Peak Pulse              | 7.9A                               | Polarization                     | DO-214AB, SMC                                               |
| Other Names                     | SMCJ120CA-FDITR<br>SMCJ120CA13F    | Operating Temperature            | -55°C ~ 150°C (TJ)                                          |
| Mounting Type                   | Surface Mount                      | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                               |
| Manufacturer Standard Lead Time | 7 Weeks                            | Manufacturer Part Number         | SMCJ120CA-13-F                                              |
| Description                     | TVS DIODE 120VWM 193VC SMC         | Current - Peak Pulse (10/1000µs) | 193V                                                        |
| Capacitance @ Frequency         | -                                  | Bidirectional Channels           | No                                                          |

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|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------|
|  | Part#: <a href="#">SMCJ120CA</a><br>Description: TVS DIODE 120V 193V SMC            | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">SMCJ120CA-TP</a><br>Description: TVS DIODE 120V 193V DO214AB     | Manufacturers: <a href="#">Micro Commercial Components (MCC)</a>                             | <div>RFQ</div> |
|  | Part#: <a href="#">SMCJ120CA M6G</a><br>Description: TVS DIODE 120V 193V DO214AB    | Manufacturers: <a href="#">TSC (Taiwan Semiconductor)</a>                                    | <div>RFQ</div> |
|  | Part#: <a href="#">SMCJ120CAHE3/57T</a><br>Description: TVS DIODE 120V 193V DO214AB | Manufacturers: <a href="#">Electro-Films (EFI)</a> / <a href="#">Vishay</a>                  | <div>RFQ</div> |
|  | Part#: <a href="#">SMCJ120CA-13</a><br>Description: TVS DIODE 120V 193V SMC         | Manufacturers: <a href="#">Diodes Incorporated</a>                                           | <div>RFQ</div> |
|  | Part#: <a href="#">SMCJ120CA-M3/57T</a><br>Description: TVS DIODE 120V 193V DO214AB | Manufacturers: <a href="#">Electro-Films (EFI)</a> / <a href="#">Vishay</a>                  | <div>RFQ</div> |
|  | Part#: <a href="#">SMCJ120C</a><br>Description: TVS DIODE 120V 202.65V DO214AB      | Manufacturers: <a href="#">Hamlin</a> / <a href="#">Littelfuse</a>                           | <div>RFQ</div> |
|  | Part#: <a href="#">SMCJ120CA-HRAT7</a><br>Description: TVS DIODE 120V 193V DO214AB  | Manufacturers: <a href="#">Hamlin</a> / <a href="#">Littelfuse</a>                           | <div>RFQ</div> |
|  | Part#: <a href="#">SMCJ120CA-HRA</a><br>Description: TVS DIODE 120V 193V DO214AB    | Manufacturers: <a href="#">Hamlin</a> / <a href="#">Littelfuse</a>                           | <div>RFQ</div> |
|  | Part#: <a href="#">SMCJ120CA R7G</a><br>Description: TVS DIODE 120V 193V DO214AB    | Manufacturers: <a href="#">TSC (Taiwan Semiconductor)</a>                                    | <div>RFQ</div> |
|  | Part#: <a href="#">SMCJ120CA V6G</a><br>Description: TVS DIODE 120V 193V DO214AB    | Manufacturers: <a href="#">TSC (Taiwan Semiconductor)</a>                                    | <div>RFQ</div> |
|  | Part#: <a href="#">SMCJ120CA-M3/9AT</a><br>Description: TVS DIODE 120V 193V DO214AB | Manufacturers: <a href="#">Electro-Films (EFI)</a> / <a href="#">Vishay</a>                  | <div>RFQ</div> |
|  | Part#: <a href="#">SMCJ120CAE3/TR13</a><br>Description: TVS DIODE 120V 193V DO214AB | Manufacturers: <a href="#">Microsemi</a>                                                     | <div>RFQ</div> |
|  | Part#: <a href="#">SMCJ120CA-E3/9AT</a><br>Description: TVS DIODE 120V 193V DO214AB | Manufacturers: <a href="#">Electro-Films (EFI)</a> / <a href="#">Vishay</a>                  | <div>RFQ</div> |
|  | Part#: <a href="#">SMCJ120CA-HR</a><br>Description: TVS DIODE 120V 193V DO214AB     | Manufacturers: <a href="#">Hamlin</a> / <a href="#">Littelfuse</a>                           | <div>RFQ</div> |
|  | Part#: <a href="#">SMCJ120CA</a><br>Description: TVS DIODE 120V 193V SMC            | Manufacturers: <a href="#">Bourns, Inc.</a>                                                  | <div>RFQ</div> |
|  | Part#: <a href="#">SMCJ120CA V7G</a><br>Description: TVS DIODE 120V 193V DO214AB    | Manufacturers: <a href="#">TSC (Taiwan Semiconductor)</a>                                    | <div>RFQ</div> |
|  | Part#: <a href="#">SMCJ120ATR</a><br>Description: TVS DIODE 120V 193V SMC           | Manufacturers: <a href="#">Sensitron Semiconductor</a> / <a href="#">SMC Diode Solutions</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SMCJ120CA-E3/57T</a><br>Description: TVS DIODE 120V 193V DO214AB | Manufacturers: <a href="#">Electro-Films (EFI)</a> / <a href="#">Vishay</a>                  | <div>RFQ</div> |
|  | Part#: <a href="#">SMCJ120CA</a><br>Description: TVS DIODE 120V 193V DO214AB        | Manufacturers: <a href="#">Hamlin</a> / <a href="#">Littelfuse</a>                           | <div>RFQ</div> |

| Related keywords for SMCJ120CA-13-F |                            |                                      |                                                              |
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