

SMA6F7.5A-M3/6A





Part Number: [SMA6F7.5A-M3/6A](#)

Manufacturer: [Vishay Semiconductor Diodes Division](#)

Description: TVS DIODE 7.5VWM 17VC DO221AC

Data sheet:  [SMA6F5.0A - 20A](#)

RoHs Status: Lead free / RoHS Compliant

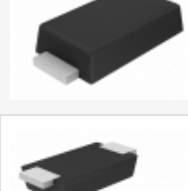
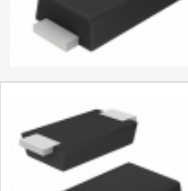
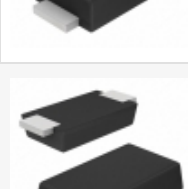
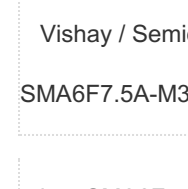
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                           |                                  |                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------------|------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | SMA6F7.5A-M3/6A                                           | Manufacturer                     | <a href="#">Vishay Semiconductor Diodes Division</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | TVS DIODE 7.5VWM 17VC DO221AC                             | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 522475 pcs                                                | Data sheet                       | <a href="#">SMA6F5.0A - 20A</a>                      |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <a href="#">Circuit Protection</a>                        | Voltage - Reverse Standoff (Typ) | 1                                                    |
| Voltage - Clamping (Max) @ 1pp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 8.33V                                                     | Voltage - Breakdown (Min)        | 7.5V                                                 |
| Voltage - Breakdown                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | DO-221AC (SlimSMA)                                        | Type                             | Zener                                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | TransZorb®                                                | RoHS Status                      | Tape & Reel (TR)                                     |
| Ripple Current - Low Frequency                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | General Purpose                                           | Power Line Protection            | 4000W (4kW)                                          |
| Power - Peak Pulse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 235A (8/20µs)                                             | Polarization                     | DO-221AC, SMA Flat Leads                             |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | SMA6F7.5A-M3/6A-ND<br>SMA6F7.5A-M3/6AGITR<br>SMA6F75AM36A | Operating Temperature            | -55°C ~ 175°C (TJ)                                   |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Surface Mount                                             | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                        |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 23 Weeks                                                  | Manufacturer Part Number         | SMA6F7.5A-M3/6A                                      |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | TVS DIODE 7.5VWM 17VC DO221AC                             | Current - Peak Pulse (10/1000µs) | 17V                                                  |
| Capacitance @ Frequency                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | -                                                         | Bidirectional Channels           | No                                                   |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Vishay / Semiconductor - Diodes Division series electronic components. We have 522475 pieces of Vishay / Semiconductor - Diodes Division SMA6F7.5A-M3/6A in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                           |                                  |                                                      |

| RELATED PRODUCTS                                                                   |                                                                                      |                                                                             |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|----------------|
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|  | Part#: <a href="#">SMA6F8.5A-M3/6A</a><br>Description: TVS DIODE 8.5V 18.7V DO221AC  | Manufacturers: <a href="#">Electro-Films (EFI)</a> / <a href="#">Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SMA6F5.0A-TR</a><br>Description: TVS DIODE 5V 13.4V SMAFLAT       | Manufacturers: <a href="#">STMicroelectronics</a>                           | <div>RFQ</div> |
|  | Part#: <a href="#">SMA6F7.5A-M3/6A</a><br>Description: TVS DIODE 7.5V 17V DO221AC    | Manufacturers: <a href="#">Electro-Films (EFI)</a> / <a href="#">Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SMA6J10A M2G</a><br>Description: TVS DIODE 10V 15.7V DO214AC      | Manufacturers: <a href="#">TSC (Taiwan Semiconductor)</a>                   | <div>RFQ</div> |
|  | Part#: <a href="#">SMA6F6.5A-M3/6B</a><br>Description: TVS DIODE 6.5V 14.5V DO221AC  | Manufacturers: <a href="#">Electro-Films (EFI)</a> / <a href="#">Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SMA6F6.0A-M3/6B</a><br>Description: TVS DIODE 6V 13.7V DO221AC    | Manufacturers: <a href="#">Electro-Films (EFI)</a> / <a href="#">Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SMA6F8.0A-M3/6A</a><br>Description: TVS DIODE 8V 18.2V DO221AC    | Manufacturers: <a href="#">Electro-Films (EFI)</a> / <a href="#">Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SMA6F5.0A-M3/6A</a><br>Description: TVS DIODE 5V 13.4V DO221AC    | Manufacturers: <a href="#">Electro-Films (EFI)</a> / <a href="#">Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SMA6F6.5A-M3/6A</a><br>Description: TVS DIODE 6.5V 14.5V DO221AC  | Manufacturers: <a href="#">Electro-Films (EFI)</a> / <a href="#">Vishay</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">SMA6F6.0A-M3/6A</a><br>Description: TVS DIODE 6V 13.7V DO221AC    | Manufacturers: <a href="#">Electro-Films (EFI)</a> / <a href="#">Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SMA6J100CA-TR</a><br>Description: TVS DIODE 100V 172V SMA         | Manufacturers: <a href="#">STMicroelectronics</a>                           | <div>RFQ</div> |
|  | Part#: <a href="#">SMA6F8.0A-M3/6B</a><br>Description: TVS DIODE 8V 18.2V DO221AC    | Manufacturers: <a href="#">Electro-Films (EFI)</a> / <a href="#">Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SMA6F20A-M3/6A</a><br>Description: TVS DIODE 20VWM 36.8VC DO221AC | Manufacturers: <a href="#">Vishay Semiconductor Diodes Division</a>         | <div>RFQ</div> |
|  | Part#: <a href="#">SMA6F5.0A-TP</a><br>Description: TVS DIODE 5VWM 9.2VC DO221AC     | Manufacturers: <a href="#">Micro Commercial Co</a>                          | <div>RFQ</div> |
|  | Part#: <a href="#">SMA6J100A-TR</a><br>Description: TVS DIODE 100V 172V SMA          | Manufacturers: <a href="#">STMicroelectronics</a>                           | <div>RFQ</div> |
|  | Part#: <a href="#">SMA6F8.5A-M3/6B</a><br>Description: TVS DIODE 8.5V 18.7V DO221AC  | Manufacturers: <a href="#">Electro-Films (EFI)</a> / <a href="#">Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SMA6F7.5A-M3/6B</a><br>Description: TVS DIODE 7.5V 17V DO221AC    | Manufacturers: <a href="#">Electro-Films (EFI)</a> / <a href="#">Vishay</a> | <div>RFQ</div> |

|                                             |                                          |                           |                       |
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