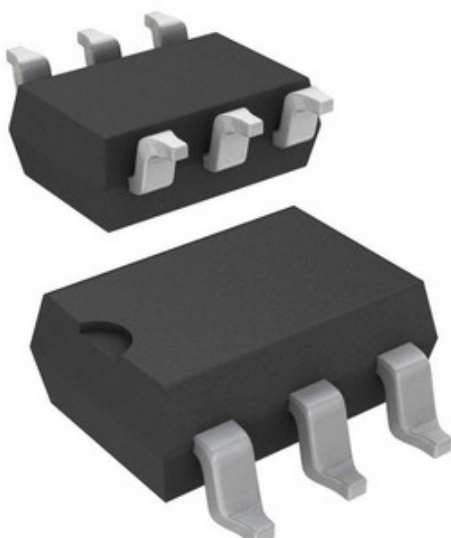




Vishay / Semiconductor - Opto

Division



SFH601-3X009

|                     |                                                                                         |
|---------------------|-----------------------------------------------------------------------------------------|
| Part Number:        | SFH601-3X009                                                                            |
| Manufacturer/Brand: | Vishay / Semiconductor - Opto Division                                                  |
| Product description | OPTOISO 5.3KV TRANS W/BASE 6SMD                                                         |
| Datasheets:         | <div><div>PDF</div>1.SFH601-3X009.pdf</div> <div><div>PDF</div>2.SFH601-3X009.pdf</div> |
| RoHs Status         | <div><div>RoHS</div>Lead free / RoHS Compliant</div>                                    |
| Stock Condition     | 70867 pcs stock                                                                         |
| Ship From           | Hong Kong                                                                               |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                   |

REQUEST FOR QUOTATION

Specifications of SFH601-3X009

|                                  |                                                                                         |
|----------------------------------|-----------------------------------------------------------------------------------------|
| PART NUMBER                      | SFH601-3X009                                                                            |
| MANUFACTURER                     | Vishay / Semiconductor - Opto Division                                                  |
| DESCRIPTION                      | OPTOISO 5.3KV TRANS W/BASE 6SMD                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                              |
| QUANTITY AVAILABLE               | 70867 pcs                                                                               |
| DATA SHEET                       | <div><div>PDF</div>1.SFH601-3X009.pdf</div> <div><div>PDF</div>2.SFH601-3X009.pdf</div> |
| VOLTAGE - OUTPUT (MAX)           | 100V                                                                                    |
| VOLTAGE - ISOLATION              | 5300Vrms                                                                                |
| VOLTAGE - FORWARD (VF) (TYP)     | 1.25V                                                                                   |
| VCE SATURATION (MAX)             | 400mV                                                                                   |
| TURN ON / TURN OFF TIME (TYP)    | 3μs, 2.3μs                                                                              |
| SUPPLIER DEVICE PACKAGE          | 6-SMD                                                                                   |
| SERIES                           | -                                                                                       |
| RISE / FALL TIME (TYP)           | 2μs, 2μs                                                                                |
| PACKAGING                        | Tube                                                                                    |
| PACKAGE / CASE                   | 6-SMD, Gull Wing                                                                        |
| OUTPUT TYPE                      | Transistor with Base                                                                    |
| OPERATING TEMPERATURE            | -55°C ~ 100°C                                                                           |
| NUMBER OF CHANNELS               | 1                                                                                       |
| MOUNTING TYPE                    | Surface Mount                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                              |
| INPUT TYPE                       | DC                                                                                      |
| DETAILED DESCRIPTION             | Optoisolator Transistor with Base Output 5300Vrms 1 Channel 6-SMD                       |
| CURRENT TRANSFER RATIO (MIN)     | 100% @ 10mA                                                                             |
| CURRENT TRANSFER RATIO (MAX)     | 200% @ 10mA                                                                             |
| CURRENT - OUTPUT / CHANNEL       | 50mA                                                                                    |
| CURRENT - DC FORWARD (IF) (MAX)  | 60mA                                                                                    |

Related Tags

|                                                     |                                                 |                                                         |
|-----------------------------------------------------|-------------------------------------------------|---------------------------------------------------------|
| Vishay / Semiconductor - Opto Division SFH601-3X009 | SFH601-3X009 Distributor                        | SFH601-3X009 Supplier                                   |
| SFH601-3X009 Price                                  | SFH601-3X009 Pictures                           | SFH601-3X009 Image                                      |
| SFH601-3X009 PDF Datasheet                          | SFH601-3X009 Download Datasheet                 | SFH601-3X009 Datasheet                                  |
| SFH601-3X009 Stock                                  | Buy SFH601-3X009                                | Buy Vishay / Semiconductor - Opto Division SFH601-3X009 |
| Vishay / Semiconductor - Opto Division SFH601-3X009 | Vishay / Semiconductor - Opto Division Supplier | Vishay / Semiconductor - Opto Division Distributor      |
| Vishay / Semiconductor - Opto Division SFH601-3X009 |                                                 |                                                         |

Related Products

|                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>SFH601-3X017T</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: OPTOISO 5.3KV TRANS W/BASE 6SMD<br/>In stock: 193410 pcs<br/><div>RFQ</div></div>     | <div></div> <div><b>SFH601-3X001</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: OPTOISO 5.3KV TRANS W/BASE 6DIP<br/>In stock: 224363 pcs<br/><div>RFQ</div></div>            |
| <div></div> <div><b>SFH601-2X017T</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: OPTOISO 5.3KV TRANS W/BASE 6SMD<br/>In stock: 158164 pcs<br/><div>RFQ</div></div>     | <div></div> <div><b>SFH601-3X019T</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: OPTOISO 5.3KV TRANS W/BASE 6SMD<br/>In stock: 174955 pcs<br/><div>RFQ</div></div>           |
| <div></div> <div><b>SFH601-4</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISO 5.3KV TRANS W/BASE 6DIP<br/>In stock: 63999 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>SFH601-3</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISO 5.3KV TRANS W/BASE 6DIP<br/>In stock: 63593 pcs<br/><div>RFQ</div></div>       |
| <div></div> <div><b>SFH601-3X019</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: OPTOISO 5.3KV TRANS W/BASE 6SMD<br/>In stock: 188970 pcs<br/><div>RFQ</div></div>      | <div></div> <div><b>SFH601-3X007T</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISO 5.3KV TRANS W/BASE 6SMD<br/>In stock: 156466 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>SFH601-3X017</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: OPTOISO 5.3KV TRANS W/BASE 6SMD<br/>In stock: 212424 pcs<br/><div>RFQ</div></div>      | <div></div> <div><b>SFH601-3X007</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISO 5.3KV TRANS W/BASE 6SMD<br/>In stock: 56608 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>SFH601-3X016</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: OPTOISO 5.3KV TRANS W/BASE 6DIP<br/>In stock: 195143 pcs<br/><div>RFQ</div></div>      | <div></div> <div><b>SFH601-3X006</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: OPTOISO 5.3KV TRANS W/BASE 6DIP<br/>In stock: 176793 pcs<br/><div>RFQ</div></div>            |