

VISHAY

Vishay / Semiconductor - Opto

Division

VISHAY

Image may be representation. See specifications for product details.

SFH640-3X019

|                     |                                                                                         |
|---------------------|-----------------------------------------------------------------------------------------|
| Part Number:        | SFH640-3X019                                                                            |
| Manufacturer/Brand: | Vishay / Semiconductor - Opto Division                                                  |
| Product description | OPTOISO 5.3KV TRANS W/BASE 6SMD                                                         |
| Datasheets:         | <div><div>PDF</div>1.SFH640-3X019.pdf</div> <div><div>PDF</div>2.SFH640-3X019.pdf</div> |
| RoHs Status         | <div><div>RoHS</div>Lead free / RoHS Compliant</div>                                    |
| Stock Condition     | 135599 pcs stock                                                                        |
| Ship From           | Hong Kong                                                                               |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                   |

REQUEST FOR QUOTATION

Specifications of SFH640-3X019

|                                  |                                                                                         |
|----------------------------------|-----------------------------------------------------------------------------------------|
| PART NUMBER                      | SFH640-3X019                                                                            |
| MANUFACTURER                     | Vishay / Semiconductor - Opto Division                                                  |
| DESCRIPTION                      | OPTOISO 5.3KV TRANS W/BASE 6SMD                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                              |
| QUANTITY AVAILABLE               | 135599 pcs                                                                              |
| DATA SHEET                       | <div><div>PDF</div>1.SFH640-3X019.pdf</div> <div><div>PDF</div>2.SFH640-3X019.pdf</div> |
| VOLTAGE - OUTPUT (MAX)           | 300V                                                                                    |
| VOLTAGE - ISOLATION              | 5300Vrms                                                                                |
| VOLTAGE - FORWARD (VF) (TYP)     | 1.1V                                                                                    |
| VCE SATURATION (MAX)             | 400mV                                                                                   |
| TURN ON / TURN OFF TIME (TYP)    | 5µs, 6µs                                                                                |
| SUPPLIER DEVICE PACKAGE          | 6-SMD                                                                                   |
| SERIES                           | -                                                                                       |
| RISE / FALL TIME (TYP)           | 2.5µs, 5.5µs                                                                            |
| 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 SFH640-3X019 | SFH640-3X019 Distributor                        | SFH640-3X019 Supplier                                   |
| SFH640-3X019 Price                                  | SFH640-3X019 Pictures                           | SFH640-3X019 Image                                      |
| SFH640-3X019 PDF Datasheet                          | SFH640-3X019 Download Datasheet                 | SFH640-3X019 Datasheet                                  |
| SFH640-3X019 Stock                                  | Buy SFH640-3X019                                | Buy Vishay / Semiconductor - Opto Division SFH640-3X019 |
| Vishay / Semiconductor - Opto Division SFH640-3X019 | Vishay / Semiconductor - Opto Division Supplier | Vishay / Semiconductor - Opto Division Distributor      |
| Vishay / Semiconductor - Opto Division SFH640-3X019 |                                                 |                                                         |

Related Products

|                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div><div></div></div><div><div>SFH6700</div><div>Manufacturers: Vishay / Semiconductor - Opto Division</div><div>Description: OPTOISO 5.3KV TRI-STATE 8DIP</div><div>In stock: 4510 pcs</div><div>RFQ</div></div></div>                  | <div><div><div></div></div><div><div>SFH636-X017T</div><div>Manufacturers: Vishay / Semiconductor - Opto Division</div><div>Description: OPTOISO 4.42KV TRANS 6SMD</div><div>In stock: 31586 pcs</div><div>RFQ</div></div></div>               |
| <div><div><div>VISHAY</div></div><div><div>SFH640-3X007</div><div>Manufacturers: Vishay / Semiconductor - Opto Division</div><div>Description: OPTOISO 5.3KV TRANS W/BASE 6SMD</div><div>In stock: 110964 pcs</div><div>RFQ</div></div></div>  | <div><div><div>VISHAY</div></div><div><div>SFH640-3X019T</div><div>Manufacturers: Vishay / Semiconductor - Opto Division</div><div>Description: OPTOISO 5.3KV TRANS W/BASE 6SMD</div><div>In stock: 107570 pcs</div><div>RFQ</div></div></div> |
| <div><div><div>VISHAY</div></div><div><div>SFH640-3X007T</div><div>Manufacturers: Vishay / Semiconductor - Opto Division</div><div>Description: OPTOISO 5.3KV TRANS W/BASE 6SMD</div><div>In stock: 130413 pcs</div><div>RFQ</div></div></div> | <div><div><div>VISHAY</div></div><div><div>SFH6700-X009T</div><div>Manufacturers: Vishay / Semiconductor - Opto Division</div><div>Description: OPTOISO 5.3KV TRI-STATE 8SMD</div><div>In stock: 3907 pcs</div><div>RFQ</div></div></div>      |
| <div><div><div></div></div><div><div>SFH640-3</div><div>Manufacturers: Electro-Films (EFI) / Vishay</div><div>Description: OPTOISO 5.3KV TRANS W/BASE 6DIP</div><div>In stock: 43043 pcs</div><div>RFQ</div></div></div>                       | <div><div><div></div></div><div><div>SFH655A-X009T</div><div>Manufacturers: Vishay / Semiconductor - Opto Division</div><div>Description: OPTOISOLATOR 5.3KV DARL 4SMD</div><div>In stock: 4991 pcs</div><div>RFQ</div></div></div>            |
| <div><div><div>VISHAY</div></div><div><div>SFH640-2</div><div>Manufacturers: Vishay / Semiconductor - Opto Division</div><div>Description: OPTOISO 5.3KV TRANS W/BASE 6DIP</div><div>In stock: 54822 pcs</div><div>RFQ</div></div></div>       | <div><div><div></div></div><div><div>SFH655A</div><div>Manufacturers: Vishay / Semiconductor - Opto Division</div><div>Description: OPTOISOLATOR 5.3KV DARL 4DIP</div><div>In stock: 6645 pcs</div><div>RFQ</div></div></div>                  |
| <div><div><div>VISHAY</div></div><div><div>SFH6700-X009</div><div>Manufacturers: Vishay / Semiconductor - Opto Division</div><div>Description: OPTOISO 5.3KV TRI-STATE 8SMD</div><div>In stock: 4188 pcs</div><div>RFQ</div></div></div>       | <div><div><div>VISHAY</div></div><div><div>SFH640-2X007</div><div>Manufacturers: Vishay / Semiconductor - Opto Division</div><div>Description: OPTOISO 5.3KV TRANS W/BASE 6SMD</div><div>In stock: 144082 pcs</div><div>RFQ</div></div></div>  |