



Sharp Microelectronics



Image may be representation. See specifications for product details.

PC3SD21YTZDF

|                     |                                                                                                                    |
|---------------------|--------------------------------------------------------------------------------------------------------------------|
| Part Number:        | PC3SD21YTZDF                                                                                                       |
| Manufacturer/Brand: | Sharp Microelectronics                                                                                             |
| Product description | OPTOISOLATOR 5KV TRIAC 6DIP                                                                                        |
| Datasheets:         |  <a href="#">PC3SD21YTZDF.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant       |
| Ship From           | Hong Kong                                                                                                          |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                              |

REQUEST FOR QUOTATION

Specifications of PC3SD21YTZDF

|                                     |                                                                                                                      |
|-------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                         | PC3SD21YTZDF                                                                                                         |
| MANUFACTURER                        | Sharp Microelectronics                                                                                               |
| DESCRIPTION                         | OPTOISOLATOR 5KV TRIAC 6DIP                                                                                          |
| LEAD FREE STATUS / ROHS STATUS      | Lead free / RoHS Compliant                                                                                           |
| DATA SHEET                          |  <a href="#">PC3SD21YTZDF.pdf</a> |
| ZERO CROSSING CIRCUIT               | Yes                                                                                                                  |
| VOLTAGE - OFF STATE                 | 600V                                                                                                                 |
| VOLTAGE - ISOLATION                 | 5000Vrms                                                                                                             |
| VOLTAGE - FORWARD (VF) (TYP)        | 1.2V                                                                                                                 |
| TURN ON TIME                        | 50µs (Max)                                                                                                           |
| SUPPLIER DEVICE PACKAGE             | 6-DIP                                                                                                                |
| STATIC DV/DT (MIN)                  | 1kV/µs                                                                                                               |
| SERIES                              | -                                                                                                                    |
| PACKAGING                           | Tube                                                                                                                 |
| PACKAGE / CASE                      | 6-DIP (0.300", 7.62mm), 5 Leads                                                                                      |
| OUTPUT TYPE                         | Triac                                                                                                                |
| OTHER NAMES                         | 425-2134-5                                                                                                           |
| OPERATING TEMPERATURE               | -30°C ~ 100°C                                                                                                        |
| NUMBER OF CHANNELS                  | 1                                                                                                                    |
| MOUNTING TYPE                       | Through Hole                                                                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL)    | 1 (Unlimited)                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS      | Lead free / RoHS Compliant                                                                                           |
| DETAILED DESCRIPTION                | Optoisolator Triac Output 5000Vrms 1 Channel 6-DIP                                                                   |
| CURRENT - ON STATE (IT (RMS)) (MAX) | 100mA                                                                                                                |
| CURRENT - LED TRIGGER (IFT) (MAX)   | 3mA                                                                                                                  |
| CURRENT - HOLD (IH)                 | 3.5mA                                                                                                                |
| CURRENT - DC FORWARD (IF) (MAX)     | 50mA                                                                                                                 |
| APPROVALS                           | CSA, UR, VDE                                                                                                         |

Related Tags

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Related Products

|                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>PC3SD21YTZC</b><br/>Manufacturers: Sharp Microelectronics<br/>Description: OPTOISOLATOR 5KV TRIAC 6DIP<br/>In stock: Out stock<br/><div>RFQ</div></div>        |  <div><b>PC3SD21YXPLF</b><br/>Manufacturers: Sharp Microelectronics<br/>Description: OPTOISOLATOR 5KV TRIAC 6SMD<br/>In stock: Out stock<br/><div>RFQ</div></div>       |
|  <div><b>PC3SD21YTZD</b><br/>Manufacturers: Sharp Microelectronics<br/>Description: OPTOISOLATOR 5KV TRIAC 6DIP<br/>In stock: Out stock<br/><div>RFQ</div></div>        |  <div><b>PC3SD21YXPEF</b><br/>Manufacturers: Sharp Microelectronics<br/>Description: OPTOISOLATOR 5KV TRIAC 6SMD<br/>In stock: 866 pcs<br/><div>RFQ</div></div>         |
|  <div><b>PC3SD21YTZCF</b><br/>Manufacturers: Sharp Microelectronics<br/>Description: OPTOISOLATOR 5KV TRIAC 6DIP<br/>In stock: Out stock<br/><div>RFQ</div></div>       |  <div><b>PC3SD21YTZBF</b><br/>Manufacturers: Socle Technology Corporation<br/>Description: OPTOISOLATOR 5KV TRIAC 6DIP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>PC3SD21YXPLH</b><br/>Manufacturers: Sharp Microelectronics<br/>Description: OPTOISOLATOR 5KV TRIAC SMD<br/>In stock: Out stock<br/><div>RFQ</div></div>        |  <div><b>PC3SD21YXPDF</b><br/>Manufacturers: Socle Technology Corporation<br/>Description: OPTOISOLATOR 5KV TRIAC 6SMD<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>PC3SD21YXPCH</b><br/>Manufacturers: Socle Technology Corporation<br/>Description: OPTOISOLATOR 5KV TRIAC 6SMD<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>PC3SD21NXZC</b><br/>Manufacturers: Sharp Microelectronics<br/>Description: OPTOISOLATOR 5KV TRIAC 6SMD<br/>In stock: Out stock<br/><div>RFQ</div></div>        |
|  <div><b>PC3SD21YXPDH</b><br/>Manufacturers: Socle Technology Corporation<br/>Description: OPTOISOLATOR 5KV TRIAC SMD<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>PC3SD21NXZCF</b><br/>Manufacturers: Sharp Microelectronics<br/>Description: OPTOISOLATOR 5KV TRIAC 6SMD<br/>In stock: Out stock<br/><div>RFQ</div></div>       |