




Sharp Microelectronics

## PC3SG21YIZ

Part Number:	PC3SG21YIZ
Manufacturer/Brand:	Sharp Microelectronics
Product description:	OPTOISOLATOR 3.75KV TRIAC 4SMD
Datasheets:	
RoHS Status:	 Contains lead / RoHS non-compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.













### Specifications of PC3SG21YIZ

PART NUMBER	PC3SG21YIZ
MANUFACTURER	Sharp Microelectronics
DESCRIPTION	OPTOISOLATOR 3.75KV TRIAC 4SMD
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
DATA SHEET	
ZERO CROSSING CIRCUIT	Yes
VOLTAGE - OFF STATE	600V
VOLTAGE - ISOLATION	3750Vrms
VOLTAGE - FORWARD (VF) (TYP)	1.2V
TURN ON TIME	50µs (Max)
SUPPLIER DEVICE PACKAGE	4-SMD
STATIC DV/DT (MIN)	1kV/µs
SERIES	-
PACKAGING	Tube
PACKAGE / CASE	4-SOIC (0.173", 4.40mm Width)
OUTPUT TYPE	Triac
OTHER NAMES	425-1377-5
OPERATING TEMPERATURE	-30°C ~ 100°C
NUMBER OF CHANNELS	1
MOUNTING TYPE	Surface Mount
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
DETAILED DESCRIPTION	Optoisolator Triac Output 3750Vrms 1 Channel 4-SMD
CURRENT - ON STATE (IT (RMS)) (MAX)	50mA
CURRENT - LED TRIGGER (IFT) (MAX)	10mA
CURRENT - HOLD (IH)	3.5mA
CURRENT - DC FORWARD (IF) (MAX)	50mA
APPROVALS	UR, VDE

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