








<div><div><div><div>SHARP</div><div>MICROELECTRONICS OF THE AMERICAS</div></div></div><div></div></div>	<div><div>PC12310YFZ0X</div><div><div>Manufacturer Part Number:</div><div>PC12310YFZ0X</div></div><div><div>Manufacturer/Brand:</div><div>Sharp Microelectronics</div></div><div><div>Part of Description:</div><div>OPTOISOLATOR 5KV TRANSISTOR 4DIP</div></div><div><div>RoHs Status:</div><div><div><div><div>RoHS</div></div></div>Lead free / RoHS</div></div><div><div>Stock Condition:</div><div><div>Compliant</div><div>New original, 2666 pcs Stock Available.</div></div></div><div><div>Ship From:</div><div>Hong Kong</div></div><div><div>Shipment Way:</div><div>DHL/Fedex/TNT/UPS/EMS</div></div></div>
<div>Image may be representation. See specs for product details.</div>	

Specifications	
Part Number	PC12310YFZ0X
Manufacturer	Sharp Microelectronics
Description	OPTOISOLATOR 5KV TRANSISTOR 4DIP
Category	Isolators > Optoisolators - Transistor, Photovoltaic
Part Status	2666 pcs Stock
Voltage - Output (Max)	70V
Voltage - Isolation	5000Vrms
Voltage - Forward (Vf) (Typ)	1.2V
Vce Saturation (Max)	200mV
Turn On / Turn Off Time (Typ)	-
Supplier Device Package	4-DIP
Series	-
Rise / Fall Time (Typ)	4μs, 3μs
Packaging	Tube
Package / Case	4-DIP (0.300", 7.62mm)
Output Type	Transistor
Operating Temperature	-30°C ~ 100°C
Number of Channels	1
Mounting Type	Through Hole
Input Type	DC
Current Transfer Ratio (Min)	50% @ 500μA
Current Transfer Ratio (Max)	400% @ 500μA
Current - Output / Channel	50mA
Current - DC Forward (If) (Max)	10mA

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