



Image may be representation.  
See specifications for product details.

### OPIA500BTU

Part Number: **OPIA500BTU**  
 Product Description: OPTOISOLATOR 3.75KV TRANS 5-SOP  
 RoHs Status: Lead free / RoHS Compliant  
 Datasheets: [OPIA500BTU.pdf](#)

Manufacturer/Brand: Optek Technology / TT Electronics  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

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#### Product details

<b>Part Number</b>	OPIA500BTU	<b>Manufacturer</b>	Optek Technology / TT Electronics
<b>Description</b>	OPTOISOLATOR 3.75KV TRANS 5-SOP	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Data sheet</b>	OPIA500BTU.pdf		
<b>Voltage - Output (Max)</b>	-	<b>Voltage - Isolation</b>	3750Vrms
<b>Voltage - Forward (Vf) (Typ)</b>	1.7V	<b>Vce Saturation (Max)</b>	-
<b>Turn On / Turn Off Time (Typ)</b>	200ns, 400ns	<b>Supplier Device Package</b>	5-SOP
<b>Series</b>	-	<b>Rise / Fall Time (Typ)</b>	-
<b>Packaging</b>	Tube	<b>Package / Case</b>	6-SOIC (0.173", 4.40mm Width), 5 Leads
<b>Output Type</b>	Transistor	<b>Other Names</b>	365-1461
<b>Operating Temperature</b>	-55°C ~ 85°C	<b>Number of Channels</b>	1
<b>Mounting Type</b>	Surface Mount	<b>Moisture Sensitivity Level (MSL)</b>	1 (Unlimited)
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant	<b>Input Type</b>	DC
<b>Detailed Description</b>	Optoisolator Transistor Output 3750Vrms 1 Channel 5-SOP	<b>Current Transfer Ratio (Min)</b>	19% @ 16mA
<b>Current Transfer Ratio (Max)</b>	50% @ 16mA	<b>Current - Output / Channel</b>	-
<b>Current - DC Forward (If) (Max)</b>	25mA		

#### Related Products

<p><b>OPIA5010DTUE</b>                  Manufacturers: Optek Technology / TT Electronics                  Description: OPTOISO 5KV DARL W/BASE 6DIP                  Download: <a href="#">OPIA5010DTUE.pdf</a></p> <p><a href="#">RFQ</a></p>	<p><b>OPIA500BTR</b>                  Manufacturers: Optek Technology / TT Electronics                  Description: OPTOISOLATOR 3.75KV TRANS 5-SOP                  Download: <a href="#">OPIA500BTR.pdf</a></p> <p><a href="#">RFQ</a></p>
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