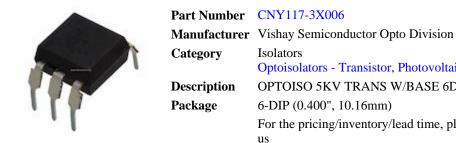


# CNY117-3X006

Request a Quote

#### **CNY117-3X006 Information**



For Reference Only

### **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.

Isolators

us

6-DIP (0.400", 10.16mm)

Website: https://www.heisener.com

E-mail: salesdept@heisener.com

Optoisolators - Transistor, Photovoltaic Output OPTOISO 5KV TRANS W/BASE 6DIP

For the pricing/inventory/lead time, please contact



## **CNY117-3X006 Specifications**

Manufacturer Vishay Semiconductor Opto Division   Category Isolators   Optoisolators - Transistor, Photovoltaic Output Optoisolators - Transistor, Photovoltaic Output   Package 6-DIP (0.400", 10.16mm)   Series -   Number of Channels 1   Voltage - Isolation 5000Vrms   Current Transfer Ratio (Min) 100% @ 10mA   Current Transfer Ratio (Max) 200% @ 10mA   Current Transfer Ratio (Max) 200% @ 10mA   Current Transfer Ratio (Max) 20% @ 10mA   Current Transfer Ratio (Max) 2µs, 2µs   Output Type Transistor with Base   Output Type 1.39V   Current - Output / Channel 60mA   Voltage - Forward (H) (Max) 400mV   Voree Saturation (Max) 400mV   Operating Temperature -55°C ~ 110°C <th></th> <th></th>		
CategoryIsolarosOptoisolators - Transistor, Photovoltaic OutputPackage6-DIP (0.400", 10.16mm)Series-Number of Channels1Voltage - Isolation5000VrmsCurrent Transfer Ratio (Min)100% @ 10mACurrent Transfer Ratio (Max)200% @ 10mACurrent Output Opt3µs, 2.3µsRise / Fall Time (Typ)3µs, 2.3µsDotDcOutput TypeDCOutput TypeTransistor with BaseVoltage - Output (Max)70VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.39VCurrent - DC Forward (If) (Max)60mAVoe Saturation (Max)400mVOperating Temperature-55°C ~ 110°CMounting TypeThrough HolePackage / Case6-DIP (0.400", 10.16mm)Supplier Device Package6-DIP	Manufacturer Part Number	CNY117-3X006
Optoisolators - Transistor, Photovoltaic OutputPackage6-DIP (0.400", 10.16mm)Series-Number of Channels1Voltage - Isolation5000VrmsCurrent Transfer Ratio (Min)100% @ 10mACurrent Transfer Ratio (Max)200% @ 10mACurrent Transfer Ratio (Max)200% @ 10mACurrent Transfer Ratio (Max)200% @ 10mACurrent Transfer Ratio (Max)20% @ 10mACurrent Transfer Ratio (Max)20% @ 10mACurrent Transfer Ratio (Max)20% @ 10mACurrent Output Off Time (Typ)3µs, 2.3µsRise / Fall Time (Typ)2µs, 2µsDotDutput TypeOutput TypeDCOutput TypeTransistor with BaseVoltage - Output (Max)70VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.39VCurrent - DC Forward (If) (Max)60mAVe Saturation (Max)400mVOperating Temperature-55°C ~ 110°CMounting TypeThrough HolePackage / Case6-DIP (0.400", 10.16mm)Supplier Device Package6-DIP	Manufacturer	Vishay Semiconductor Opto Division
Package6-DIP (0.400", 10.16mm)Series-Number of Channels1Voltage - Isolation5000VrmsCurrent Transfer Ratio (Min)100% @ 10mACurrent Transfer Ratio (Max)200% @ 10mACurrent Transfer Ratio (Max)200% @ 10mAFurn On / Turn Off Time (Typ)3µs, 2.3µsRise / Fall Time (Typ)2µs, 2µsDotput TypeDCOutput Type70VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.39VCurrent - DC Forward (If) (Max)60mAVes Saturation (Max)400mVOperating Temperature-55° C ~ 110°CMounting TypeThrough HolePackage / Case6-DIP (0.400", 10.16mm)Supplier Device Package6-DIP	Category	Isolators
Series-Number of Channels1Voltage - Isolation5000VrmsCurrent Transfer Ratio (Min)100% @ 10mACurrent Transfer Ratio (Max)200% @ 10mACurrent Transfer Ratio (Max)3µs, 2.3µsRise / Fall Time (Typ)3µs, 2.3µsRise / Fall Time (Typ)DCOutput TypeDCOutput TypeTransistor with BaseVoltage - Output (Max)70VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.39VCurrent - DC Forward (If) (Max)60mAVoe Saturation (Max)55°C ~ 110°CMounting TypeThrough HolePackage / Case6-DIP (0.400°, 10.16mm)Supplier Device Package6-DIP		Optoisolators - Transistor, Photovoltaic Output
Number of Channels1Voltage - Isolation5000VrmsCurrent Transfer Ratio (Min)100% @ 10mACurrent Transfer Ratio (Max)200% @ 10mACurrent Transfer Ratio (Max)3µs, 2.3µsFurn On / Turn Off Time (Typ)3µs, 2.3µsRise / Fall Time (Typ)2µs, 2µsInput TypeDCOutput TypeTransistor with BaseVoltage - Output (Max)70VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.39VCurrent - DC Forward (If) (Max)60mAVoe Saturation (Max)400mVOperating Temperature-55°C ~ 110°CMounting TypeThrough HolePackage / Case6-DIP (0.400°, 10.16mm)Supplier Device Package6-DIP	Package	6-DIP (0.400", 10.16mm)
Voltage - Isolation5000VrmsCurrent Transfer Ratio (Min)100% @ 10mACurrent Transfer Ratio (Max)200% @ 10mATurn On / Turn Off Time (Typ)3µs, 2.3µsRise / Fall Time (Typ)2µs, 2µsInput TypeDCOutput TypeTransistor with BaseVoltage - Output (Max)70VCurrent - Output / Channel60mAVoltage - Forward (Vf) (Typ)1.39VCurrent - DC Forward (If) (Max)60mAVoltage - Forward (Max)60mACurrent - DC Forward (If) (Max)60mAPackage / Case55°C ~ 110°CMounting TypeFhrough HolePackage / Case6-DIP (0.400", 10.16mm)Supplier Device Package6-DIP	Series	-
Current Transfer Ratio (Min) 100% @ 10mA   Current Transfer Ratio (Max) 200% @ 10mA   Fun On / Turn Off Time (Typ) 3µs, 2.3µs   Rise / Fall Time (Typ) 2µs, 2µs   Input Type DC   Output Type Transistor with Base   Output Type 70V   Current - Output / Channel 50mA   Voltage - Forward (Vf) (Typ) 1.39V   Current - DC Forward (If) (Max) 60mA   Vole Saturation (Max) 400mV   Operating Temperature -55°C ~ 110°C   Mounting Type Through Hole   Package / Case 6-DIP (0.400", 10.16mm)	Number of Channels	1
Current Transfer Ratio (Max)200% @ 10mAFun On / Turn Off Time (Typ)3µs, 2.3µsRise / Fall Time (Typ)2µs, 2µsInput TypeDCOutput TypeTransistor with BaseVoltage - Output (Max)70VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.39VCurrent - DC Forward (If) (Max)60mAVe Saturation (Max)400mVOperating Temperature-55°C ~ 110°CMounting Type6-DIP (0.400", 10.16mm)Supplier Device Package6-DIP	Voltage - Isolation	5000Vrms
Turn On / Turn Off Time (Typ)3µs, 2.3µsRise / Fall Time (Typ)2µs, 2µsInput TypeDCOutput TypeTransistor with BaseOutput Max)70VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.39VCurrent - DC Forward (If) (Max)60mAVes Saturation (Max)400mVOperating Temperature-55°C ~ 110°CMounting TypeThrough HolePackage / Case6-DIP (0.400", 10.16mm)Supplier Device Package6-DIP	Current Transfer Ratio (Min)	100% @ 10mA
Rise / Fall Time (Typ)2µs, 2µsInput TypeDCOutput TypeTransistor with BaseVoltage - Output (Max)70VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.39VCurrent - DC Forward (If) (Max)60mAVec Saturation (Max)400mVOperating Temperature-55°C ~ 110°CMounting TypeFhrough HolePackage / Case6-DIP (0.400", 10.16mm)Supplier Device Package6-DIP	Current Transfer Ratio (Max)	200% @ 10mA
Input TypeDCOutput TypeTransistor with BaseVoltage - Output (Max)70VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.39VCurrent - DC Forward (If) (Max)60mAVec Saturation (Max)400mVOperating Temperature-55°C ~ 110°CMounting TypeThrough HolePackage / Case6-DIP (0.400", 10.16mm)Supplier Device Package6-DIP	Turn On / Turn Off Time (Typ)	3µs, 2.3µs
A resultTransistor with BaseOutput TypeTransistor with BaseVoltage - Output (Max)70VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.39VCurrent - DC Forward (If) (Max)60mAVce Saturation (Max)400mVOperating Temperature-55°C ~ 110°CMounting TypeThrough HolePackage / Case6-DIP (0.400", 10.16mm)Supplier Device Package6-DIP	Rise / Fall Time (Typ)	2µs, 2µs
Yoltage - Output (Max)70VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.39VCurrent - DC Forward (If) (Max)60mAVce Saturation (Max)400mVOperating Temperature-55°C ~ 110°CMounting TypeThrough HolePackage / Case6-DIP (0.400", 10.16mm)Supplier Device Package6-DIP	Input Type	DC
Current - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.39VCurrent - DC Forward (If) (Max)60mAVce Saturation (Max)400mVOperating Temperature-55°C ~ 110°CMounting TypeThrough HolePackage / Case6-DIP (0.400", 10.16mm)Supplier Device Package6-DIP	Output Type	Transistor with Base
Voltage - Forward (Vf) (Typ)1.39VCurrent - DC Forward (If) (Max)60mAVce Saturation (Max)400mVOperating Temperature-55°C ~ 110°CMounting TypeThrough HolePackage / Case6-DIP (0.400", 10.16mm)Supplier Device Package6-DIP	Voltage - Output (Max)	70V
Current - DC Forward (If) (Max)60mAVce Saturation (Max)400mVOperating Temperature-55°C ~ 110°CMounting TypeThrough HolePackage / Case6-DIP (0.400", 10.16mm)Supplier Device Package6-DIP	Current - Output / Channel	50mA
Vce Saturation (Max)400mVOperating Temperature-55°C ~ 110°CMounting TypeThrough HolePackage / Case6-DIP (0.400", 10.16mm)Supplier Device Package6-DIP	Voltage - Forward (Vf) (Typ)	1.39V
Operating Temperature-55°C ~ 110°CMounting TypeThrough HolePackage / Case6-DIP (0.400", 10.16mm)Supplier Device Package6-DIP	Current - DC Forward (If) (Max)	60mA
Mounting TypeThrough HolePackage / Case6-DIP (0.400", 10.16mm)Supplier Device Package6-DIP	Vce Saturation (Max)	400mV
Package / Case6-DIP (0.400", 10.16mm)Supplier Device Package6-DIP	Operating Temperature	-55°C ~ 110°C
Supplier Device Package 6-DIP	Mounting Type	Through Hole
	Package / Case	6-DIP (0.400", 10.16mm)
Report errors	Supplier Device Package	6-DIP
		Report errors

#### **CNY117-3X006 Guarantees**



Quality Guarantees

We provide 90 days warranty. \* If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.

# SERVICE EUARANTEE

#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

# CNY117-3X006 Payment Methods





If you have any question about CNY117-3X006, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com