

# CNY117-1X006

**Request a Quote** 

#### **CNY117-1X006 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.



## **CNY117-1X006 Specifications**

Manufacturer     Vishay Semiconductor Opto Division       Category     Isolators       Package     6-DIP (0.400", 10.16mm)       Package     6-DIP (0.400", 10.16mm)       Series     -       Number of Channels     1       Voltage - Isolation     5000Vrms       Current Transfer Ratio (Min)     40% @ 10mA       Current Transfer Ratio (Max)     80% @ 10mA       Turn On / Turn Off Time (Typ)     3µs, 2.3µs       Rise / Fall Time (Typ)     3µs, 2.3µs       Output Type     DC       Output Type     Transistor with Base       Voltage - Output (Max)     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)		
CategoryIsolarosOptoisolators - Transistor, Photovoltaic OutputPackage6-DIP (0.400", 10.16mm)Series-Number of Channels1Voltage - Isolation5000VrmsCurrent Transfer Ratio (Min)40% @ 10mACurrent Transfer Ratio (Max)80% @ 10mACurrent 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)60mAVoce Saturation (Max)400mVOperating Temperature-55°C ~ 110°CMounting TypeThrough HolePackage / Case6-DIP (0.400", 10.16mm)Supplier Device Package6-DIP	Manufacturer Part Number	CNY117-1X006
Optoisolators - Transistor, Photovoltaic OutputPackage6-DIP (0.400", 10.16mm)Series-Number of Channels1Voltage - Isolation5000VrmsCurrent Transfer Ratio (Min)40% @ 10mACurrent Transfer Ratio (Max)80% @ 10mACurrent Transfer Ratio (Max)80% @ 10mATurn On / Turn Off Time (Typ)3µs, 2.3µsRise / Fall Time (Typ)2µs, 2µsDC1Output TypeDCOutput Type70VCurrent - 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)40% @ 10mACurrent Transfer Ratio (Max)80% @ 10mATurn On / Turn Off Time (Typ)3µs, 2.3µsRise / Fall Time (Typ)2µs, 2µsDoc0utput TypeOutput TypeDCOutput Type70VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.39VCurrent - DC Forward (If) (Max)60mAVoltage - Forward (Vf) (Typ)55°C ~ 110°CCurrent - DC Forward (If) (Max)6DIP (0.400", 10.16mm)Supplier Device Package6-DIP (0.400", 10.16mm)	Category	Isolators
Series-Number of Channels1Voltage - Isolation5000VrmsCurrent Transfer Ratio (Min)40% @ 10mACurrent Transfer Ratio (Max)80% @ 10mATurn 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)		Optoisolators - Transistor, Photovoltaic Output
Number of Channels1Voltage - Isolation5000VrmsCurrent Transfer Ratio (Min)40% @ 10mACurrent Transfer Ratio (Max)80% @ 10mATurn 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)60mAVoltage - Forward (If) (Max)60mAVoltage - Saturation (Max)400mVOperating Temperature-55°C ~ 110°CMounting TypeThrough HolePackage / Case6-DIP (0.400", 10.16mm)	Package	6-DIP (0.400", 10.16mm)
Voltage - Isolation5000VrmsCurrent Transfer Ratio (Min)40% @ 10mACurrent Transfer Ratio (Max)80% @ 10mATurn 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)60mAVoltage - Forward (If) (Max)60mAVoltage - Gurger Turner-55°C ~ 110°CPackage / Case6-DIP (0.400", 10.16mm)Supplier Device Package6-DIP	Series	-
Current Transfer Ratio (Min)40% @ 10mACurrent Transfer Ratio (Max)80% @ 10mATurn 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)60mAVoltage Temperature-55°C ~ 110°CMounting TypeThrough HolePackage / Case6-DIP (0.400", 10.16mm)Supplier Device Package6-DIP	Number of Channels	1
Current Transfer Ratio (Max)80% @ 10mATurn 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)60mAVes Saturation (Max)400mVOperating Temperature-55°C ~ 110°CMounting TypeThrough HolePackage / Case6-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 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	Current Transfer Ratio (Min)	40% @ 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 TypeThrough HolePackage / Case6-DIP (0.400", 10.16mm)Supplier Device Package6-DIP	Current Transfer Ratio (Max)	80% @ 10mA
Input TypeDCOutput 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	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 chois		Report errors

E-mail: salesdept@heisener.com

#### **CNY117-1X006 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

#### **Service Guarantees**

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

# CNY117-1X006 Payment Methods





If you have any question about CNY117-1X006, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com