

CNY17-1.

CNY17-1. 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.

Part Number CNY17-1.

Category

Description Package

Manufacturer Vishay Semiconductor Opto Division

6-DIP (0.300", 7.62mm)

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

Isolators

us



Request a Quote

CNY17-1. Specifications

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)60mAVec Saturation (Max)400mVOperating Temperature-55°C ~ 110°CMounting TypeThrough HolePackage / Case6-DIP (0.300", 7.62mm)		
CategoryIsolatorsOptoisolators - Transistor, Photovoltaic OutputPackage6-DIP (0.300", 7.62mm)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, 2µsNupter Output TypeDCOutput TypeTransistor with BaseVoltage - Output (Max)70VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.39VCurrent - DC Forward (If) (Max)60mAVoles Saturation (Max)400mVOperating Temperature-55°C ~ 110°CMounting TypeThrough HolePackage / Case6-DIP (0.300", 7.62mm)Supplier Device Package6-DIP	Manufacturer Part Number	CNY17-1.
Optoisolators - Transistor, Photovoltaic OutputPackage6-DIP (0.300", 7.62mm)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 2µsOutput TypeDCOutput TypeDCOutput Type70VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.39VCurrent - DC Forward (If) (Max)60mAVoltage - Forward (Vf) (Typ)55° C ~ 110°CMounting TypeThrough HolePackage / Case6-DIP (0.300", 7.62mm)	Manufacturer	Vishay Semiconductor Opto Division
Package6-DIP (0.300", 7.62mm)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, 2µsOutput TypeDCOutput Type70VOutput Type50mAVoltage - Output (Max)70VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.39VCurrent - DC Forward (If) (Max)60mAVoltage - Forward (Max)55° C ~ 110°CMounting TypeThrough HolePackage / Case6-DIP (0.300", 7.62mm)	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)60mAVec Saturation (Max)400mVOperating Temperature-55°C ~ 110°CMounting TypeThrough HolePackage / Case6-DIP (0.300", 7.62mm)		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)60mAVe Saturation (Max)60mAOperating Temperature-55°C ~ 110°CMounting TypeThrough HolePackage / Case6-DIP (0.300°, 7.62mm)	Package	6-DIP (0.300", 7.62mm)
Voltage - Isolation5000VmsCurrent 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 / Channel50mAVoltage - Forward (Vf) (Typ)1.39VCurrent - DC Forward (If) (Max)60mAVoltage Therperature55°C ~ 110°CMounting TypeForward CurrentOperating Temperatures6-DIP (0.300", 7.62mm)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)60mAVec Saturation (Max)-55°C ~ 110°CMounting TypeThrough HolePackage / Case6-DIP (0.300", 7.62mm)Supplier Device Package6-DIP	Number of Channels	1
Current Transfer Ratio (Max) 80% @ 10mA Turn On / Turn Off Time (Typ) 3µs, 2.3µs Rise / Fall Time (Typ) 2µs, 2µs Input 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 Vec Saturation (Max) 400mV Operating Temperature -55°C ~ 110°C Mounting Type Through Hole Package / Case 6-DIP (0.300", 7.62mm)	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)60mAVoe Saturation (Max)400mVOperating Temperature-55°C ~ 110°CMounting TypeThrough HolePackage / Case6-DIP (0.300", 7.62mm)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)60mAVce Saturation (Max)400mVOperating Temperature-55°C ~ 110°CMounting TypeThrough HolePackage / Case6-DIP (0.300", 7.62mm)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 (0.300", 7.62mm)Supplier Device Package6-DIP	Turn On / Turn Off Time (Typ)	3µs, 2.3µs
Output 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 (0.300", 7.62mm)Supplier Device Package6-DIP	Rise / Fall Time (Typ)	2µs, 2µs
Voltage - 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 (0.300", 7.62mm)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 (0.300", 7.62mm)Supplier Device Package6-DIP	Output Type	Transistor with Base
Voltage - Forward (Vf) (Typ) 1.39V Current - DC Forward (If) (Max) 60mA Vce Saturation (Max) 400mV Operating Temperature -55°C ~ 110°C Mounting Type Through Hole Package / Case 6-DIP (0.300", 7.62mm) Supplier Device Package 6-DIP	Voltage - Output (Max)	70V
Current - DC Forward (If) (Max)60mAVce Saturation (Max)400mVOperating Temperature-55°C ~ 110°CMounting TypeThrough HolePackage / Case6-DIP (0.300", 7.62mm)Supplier Device Package6-DIP	Current - Output / Channel	50mA
Vce Saturation (Max)400mVOperating Temperature-55°C ~ 110°CMounting TypeThrough HolePackage / Case6-DIP (0.300", 7.62mm)Supplier Device Package6-DIP	Voltage - Forward (Vf) (Typ)	1.39V
Operating Temperature-55°C ~ 110°CMounting TypeThrough HolePackage / Case6-DIP (0.300", 7.62mm)Supplier Device Package6-DIP	Current - DC Forward (If) (Max)	60mA
Mounting TypeThrough HolePackage / Case6-DIP (0.300", 7.62mm)Supplier Device Package6-DIP	Vce Saturation (Max)	400mV
Package / Case6-DIP (0.300", 7.62mm)Supplier Device Package6-DIP	Operating Temperature	-55°C ~ 110°C
Supplier Device Package 6-DIP	Mounting Type	Through Hole
	Package / Case	6-DIP (0.300", 7.62mm)
Report errors?	Supplier Device Package	6-DIP
		Report errors?

CNY17-1. 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 Guarantees

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



If you have any question about CNY17-1., please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com