

CNY17-4X017T Information

Part Number CNY17-4X017T

Manufacturer Vishay Semiconductor Opto Division

Category Isolators

Optoisolators - Transistor, Photovoltaic Output

Description OPTOISO 5KV TRANS W/BASE 6SMD

Package 6-SMD, Gull Wing

For the pricing/inventory/lead time, please contact

us

For Reference Only Website: https://www.heisener.com

E-mail: salesdept@heisener.com



Request a Quote

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.









CNY17-4X017T Specifications

Manufacturer Part Number CNY17-4X017T Manufacturer Vishay Semiconductor Opto Division Category Isolators Optoisolators - Transistor, Photovoltaic Output Package 6-SMD, Gull Wing Series - Number of Channels 1 Voltage - Isolation 5000Vrms Current Transfer Ratio (Min) 160% @ 10mA Current Transfer Ratio (Max) 320% @ 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 Surface Mount Package / Case 6-SMD, Gull Wing Supplier Device Package 6-SMD	*	
Category Isolators Optoisolators - Transistor, Photovoltaic Output Package 6-SMD, Gull Wing Series - Number of Channels 1 Voltage - Isolation 5000Vrms Current Transfer Ratio (Min) 160% @ 10mA Current Transfer Ratio (Max) 320% @ 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 Vce Saturation (Max) 400mV Operating Temperature -55°C ~ 110°C Mounting Type Surface Mount Package / Case 6-SMD, Gull Wing Supplier Device Package 6-SMD	Manufacturer Part Number	CNY17-4X017T
Package 6-SMD, Gull Wing Series - Number of Channels 1 Voltage - Isolation 5000Vrms Current Transfer Ratio (Min) 160% @ 10mA Current Transfer Ratio (Max) 320% @ 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 Surface Mount Package / Case 6-SMD, Gull Wing Supplier Device Package 6-SMD	Manufacturer	Vishay Semiconductor Opto Division
Package 6-SMD, Gull Wing Series - Number of Channels 1 Voltage - Isolation 5000Vrms Current Transfer Ratio (Min) 160% @ 10mA Current Transfer Ratio (Max) 320% @ 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 Vcc Saturation (Max) 400mV Operating Temperature -55°C ~ 110°C Mounting Type Surface Mount Package / Case 6-SMD, Gull Wing Supplier Device Package 6-SMD	Category	Isolators
Series - Number of Channels 1 Voltage - Isolation 5000Vrms Current Transfer Ratio (Min) 160% @ 10mA Current Transfer Ratio (Max) 320% @ 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 Vce Saturation (Max) 400mV Operating Temperature -55°C ~ 110°C Mounting Type Surface Mount Package / Case 6-SMD, Gull Wing Supplier Device Package 6-SMD		Optoisolators - Transistor, Photovoltaic Output
Number of Channels 1 Voltage - Isolation 5000Vrms Current Transfer Ratio (Min) 160% @ 10mA Current Transfer Ratio (Max) 320% @ 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 Vce Saturation (Max) 400mV Operating Temperature -55°C ~ 110°C Mounting Type Surface Mount Package / Case 6-SMD, Gull Wing Supplier Device Package 6-SMD	Package	6-SMD, Gull Wing
Voltage - Isolation5000VrmsCurrent Transfer Ratio (Min)160% @ 10mACurrent Transfer Ratio (Max)320% @ 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)60mAVce Saturation (Max)400mVOperating Temperature-55°C ~ 110°CMounting TypeSurface MountPackage / Case6-SMD, Gull WingSupplier Device Package6-SMD	Series	-
Current Transfer Ratio (Min) Current Transfer Ratio (Max) 320% @ 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) Vee Saturation (Max) 400mV Operating Temperature -55°C ~ 110°C Mounting Type Surface Mount Package / Case 6-SMD, Gull Wing Supplier Device Package	Number of Channels	1
Current Transfer Ratio (Max)320% @ 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)60mAVce Saturation (Max)400mVOperating Temperature-55°C ~ 110°CMounting TypeSurface MountPackage / Case6-SMD, Gull WingSupplier Device Package6-SMD	Voltage - Isolation	5000Vrms
Turn On / Turn Off Time (Typ) $3\mu s, 2.3\mu s$ Rise / Fall Time (Typ) $2\mu s, 2\mu s$ 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) $60mA$ Vce Saturation (Max) $400mV$ Operating Temperature $-55^{\circ}C \sim 110^{\circ}C$ Mounting Type Surface Mount Package / Case 6-SMD , Gull Wing Supplier Device Package	Current Transfer Ratio (Min)	160% @ 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 TypeSurface MountPackage / Case6-SMD, Gull WingSupplier Device Package6-SMD	Current Transfer Ratio (Max)	320% @ 10mA
Input Type 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 Vce Saturation (Max) 400mV Operating Temperature -55°C ~ 110°C Mounting Type Surface Mount Package / Case 6-SMD, Gull Wing Supplier Device Package 6-SMD	Turn On / Turn Off Time (Typ)	3μs, 2.3μs
Output Type Transistor with Base Voltage - Output (Max) Current - Output / Channel 50mA Voltage - Forward (Vf) (Typ) 1.39V Current - DC Forward (If) (Max) 60mA Vce Saturation (Max) 400mV Operating Temperature -55°C ~ 110°C Mounting Type Surface Mount Package / Case 6-SMD, Gull Wing Supplier Device Package	Rise / Fall Time (Typ)	2μs, 2μs
Voltage - Output (Max) Current - Output / Channel 50mA Voltage - Forward (Vf) (Typ) 1.39V Current - DC Forward (If) (Max) 60mA Vce Saturation (Max) 400mV Operating Temperature -55°C ~ 110°C Mounting Type Surface Mount Package / Case 6-SMD, Gull Wing Supplier Device Package 6-SMD	Input Type	DC
Current - Output / Channel 50mA Voltage - Forward (Vf) (Typ) 1.39V Current - DC Forward (If) (Max) 60mA Vce Saturation (Max) 400mV Operating Temperature -55°C ~ 110°C Mounting Type Surface Mount Package / Case 6-SMD, Gull Wing Supplier Device Package 6-SMD	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 Surface Mount Package / Case 6-SMD, Gull Wing Supplier Device Package 6-SMD	Voltage - Output (Max)	70V
Current - DC Forward (If) (Max) 60mA Vce Saturation (Max) 400mV Operating Temperature -55°C ~ 110°C Mounting Type Surface Mount Package / Case 6-SMD, Gull Wing Supplier Device Package 6-SMD	Current - Output / Channel	50mA
Vce Saturation (Max)400mVOperating Temperature-55°C ~ 110°CMounting TypeSurface MountPackage / Case6-SMD, Gull WingSupplier Device Package6-SMD	Voltage - Forward (Vf) (Typ)	1.39V
Operating Temperature-55°C ~ 110°CMounting TypeSurface MountPackage / Case6-SMD, Gull WingSupplier Device Package6-SMD	Current - DC Forward (If) (Max)	60mA
Mounting Type Surface Mount Package / Case 6-SMD, Gull Wing Supplier Device Package 6-SMD	Vce Saturation (Max)	400mV
Package / Case 6-SMD, Gull Wing Supplier Device Package 6-SMD	Operating Temperature	-55°C ~ 110°C
Supplier Device Package 6-SMD	Mounting Type	Surface Mount
	Package / Case	6-SMD, Gull Wing
Report errors?	Supplier Device Package	6-SMD
		Report errors?

CNY17-4X017T 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.

CNY17-4X017T Payment Methods



















CNY17-4X017T Shipping Methods













If you have any question about CNY17-4X017T, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com