

4N48 Information



For Reference Only

Part Number 4N48

Manufacturer TT Electronics/Optek Technology

Category Isolators

Optoisolators - Transistor, Photovoltaic Output

Description OPTOISO 1KV TRANS W/BASE TO78-6

Package TO-78-6 Metal Can

For the pricing/inventory/lead time, please contact

us

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



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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.









4N48 Specifications

Manufacturer Part Number 4N48 Manufacturer TT Electronics/Optek Technology Category Isolators Optoisolators - Transistor, Photovoltaic Output Package TO-78-6 Metal Can Series - Number of Channels 1 Voltage - Isolation 1000VDC Current Transfer Ratio (Min) 100% @ 1mA Current Transfer Ratio (Max) 500% @ 1mA Turn On / Turn Off Time (Typ) - Rise / Fall Time (Typ) 20μs, 20μs Input Type DC Output Type DC Transistor with Base	•	
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PackageTO-78-6 Metal CanSeries-Number of Channels1Voltage - Isolation1000VDCCurrent Transfer Ratio (Min)100% @ 1mACurrent Transfer Ratio (Max)500% @ 1mATurn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)20μs, 20μsInput TypeDC	Category	Isolators
Series - Number of Channels 1 Voltage - Isolation 1000VDC Current Transfer Ratio (Min) 100% @ 1mA Current Transfer Ratio (Max) 500% @ 1mA Turn On / Turn Off Time (Typ) - Rise / Fall Time (Typ) 20μs, 20μs Input Type DC		Optoisolators - Transistor, Photovoltaic Output
Number of Channels Voltage - Isolation 1000VDC Current Transfer Ratio (Min) 100% @ 1mA Current Transfer Ratio (Max) 500% @ 1mA Turn On / Turn Off Time (Typ) Rise / Fall Time (Typ) 20µs, 20µs Input Type DC	Package	TO-78-6 Metal Can
Voltage - Isolation 1000VDC Current Transfer Ratio (Min) 100% @ 1mA Current Transfer Ratio (Max) 500% @ 1mA Turn On / Turn Off Time (Typ) - Rise / Fall Time (Typ) 20μs, 20μs Input Type DC	Series	-
Current Transfer Ratio (Min) Current Transfer Ratio (Max) 500% @ 1mA Turn On / Turn Off Time (Typ) Rise / Fall Time (Typ) Input Type DC	Number of Channels	1
Current Transfer Ratio (Max) 500% @ 1mA Turn On / Turn Off Time (Typ) - Rise / Fall Time (Typ) 20µs, 20µs Input Type DC	Voltage - Isolation	1000VDC
Turn On / Turn Off Time (Typ) Rise / Fall Time (Typ) Input Type - DC	Current Transfer Ratio (Min)	100% @ 1mA
Rise / Fall Time (Typ) 20μs, 20μs Input Type DC	Current Transfer Ratio (Max)	500% @ 1mA
Input Type DC	Turn On / Turn Off Time (Typ)	-
	Rise / Fall Time (Typ)	20μs, 20μs
Output Type Transictor with Base	Input Type	DC
Output Type Transistor with base	Output Type	Transistor with Base
Voltage - Output (Max) 40V	Voltage - Output (Max)	40V
Current - Output / Channel 50mA	Current - Output / Channel	50mA
Voltage - Forward (Vf) (Typ) 1.5V (Max)	Voltage - Forward (Vf) (Typ)	1.5V (Max)
Current - DC Forward (If) (Max) 40mA	Current - DC Forward (If) (Max)	40mA
Vce Saturation (Max) 300mV	Vce Saturation (Max)	300mV
Operating Temperature $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Operating Temperature	-55°C ~ 125°C
Mounting Type Through Hole	Mounting Type	Through Hole
Package / Case TO-78-6 Metal Can	Package / Case	TO-78-6 Metal Can
Supplier Device Package TO-78-6	Supplier Device Package	TO-78-6
Report errors		Report errors?

4N48 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.

4N48 Payment Methods





















4N48 Shipping Methods













If you have any question about 4N48, please do not hesitate to contact us!

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