

### **SL5504 Information**

Heisener.com

Part Number SL5504

Manufacturer Fairchild/ON Semiconductor

**Category** Isolators

Optoisolators - Transistor, Photovoltaic Output

**Description** OPTOISO 5.3KV TRANS W/BASE 6DIP

**Package** 6-DIP (0.300", 7.62mm)

For the pricing/inventory/lead time, please contact

us

For Reference Only

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.









### **SL5504 Specifications**

Manufacturer Part Number         SL5504           Manufacturer         Fairchild/ON Semiconductor           Category         Isolators           Optoisolators - Transistor, Photovoltaic Output           Package         6-DIP (0.300", 7.62mm)           Series         -           Number of Channels         1           Voltage - Isolation         5300Vrms           Current Transfer Ratio (Min)         25% @ 10mA           Current Transfer Ratio (Max)         400% @ 10mA           Turn On / Turn Off Time (Typ)         50µs, 150µs (Max)           Rise / Fall Time (Typ)         -           Input Type         DC           Output Type         DC           Output Type         Transistor with Base           Voltage - Output (Max)         80V           Current - Output / Channel         100mA           Voltage - Forward (Vf) (Typ)         1.23V           Current - DC Forward (If) (Max)         100mA           Vec Saturation (Max)         400mV           Operating Temperature         -55°C ~ 100°C           Mounting Type         Through Hole           Package / Case         6-DIP (0.300", 7.62mm)           Supplier Device Package	5L3304 Specifications	
Category         Isolators           Package         6-DIP (0.300", 7.62mm)           Series         -           Number of Channels         1           Voltage - Isolation         5300Vrms           Current Transfer Ratio (Min)         25% @ 10mA           Current Transfer Ratio (Max)         400% @ 10mA           Turn On / Turn Off Time (Typ)         50µs, 150µs (Max)           Rise / Fall Time (Typ)         -           Input Type         DC           Output Type         DC           Output (Max)         80V           Current - Output / Channel         100mA           Voltage - Forward (Vf) (Typ)         1.23V           Current - DC Forward (If) (Max)         100mA           Vce Saturation (Max)         400mV           Operating Temperature         -55°C ~ 100°C           Mounting Type         Through Hole           Package / Case         6-DIP (0.300", 7.62mm)           Supplier Device Package         6-DIP	Manufacturer Part Number	SL5504
Optoisolators - Transistor, Photovoltaic Output	Manufacturer	Fairchild/ON Semiconductor
Package         6-DIP (0.300", 7.62mm)           Series         -           Number of Channels         1           Voltage - Isolation         5300Vrms           Current Transfer Ratio (Min)         25% @ 10mA           Current Transfer Ratio (Max)         400% @ 10mA           Turn On / Turn Off Time (Typ)         50µs, 150µs (Max)           Rise / Fall Time (Typ)         -           Input Type         DC           Output Type         Transistor with Base           Voltage - Output (Max)         80V           Current - Output / Channel         100mA           Voltage - Forward (Vf) (Typ)         1.23V           Current - DC Forward (If) (Max)         100mA           Vec Saturation (Max)         400mV           Operating Temperature         -55°C ~ 100°C           Mounting Type         Through Hole           Package / Case         6-DIP (0.300", 7.62mm)           Supplier Device Package         6-DIP	Category	Isolators
Series         -           Number of Channels         1           Voltage - Isolation         5300Vrms           Current Transfer Ratio (Min)         25% @ 10mA           Current Transfer Ratio (Max)         400% @ 10mA           Turn On / Turn Off Time (Typ)         50μs, 150μs (Max)           Rise / Fall Time (Typ)         -           Input Type         DC           Output Type         Transistor with Base           Voltage - Output (Max)         80V           Current - Output / Channel         100mA           Voltage - Forward (Vf) (Typ)         1.23V           Current - DC Forward (If) (Max)         100mA           Vce Saturation (Max)         400mV           Operating Temperature         -55°C ~ 100°C           Mounting Type         Through Hole           Package / Case         6-DIP (0.300", 7.62mm)           Supplier Device Package         6-DIP		Optoisolators - Transistor, Photovoltaic Output
Number of Channels         1           Voltage - Isolation         5300Vrms           Current Transfer Ratio (Min)         25% @ 10mA           Current Transfer Ratio (Max)         400% @ 10mA           Turn On / Turn Off Time (Typ)         50μs, 150μs (Max)           Rise / Fall Time (Typ)         -           Input Type         DC           Output Type         Transistor with Base           Voltage - Output (Max)         80V           Current - Output / Channel         100mA           Voltage - Forward (Vf) (Typ)         1.23V           Current - DC Forward (If) (Max)         100mA           Vce Saturation (Max)         400mV           Operating Temperature         -55°C ~ 100°C           Mounting Type         Through Hole           Package / Case         6-DIP (0.300", 7.62mm)           Supplier Device Package         6-DIP	Package	6-DIP (0.300", 7.62mm)
Voltage - Isolation5300VrmsCurrent Transfer Ratio (Min)25% @ 10mACurrent Transfer Ratio (Max)400% @ 10mATurn On / Turn Off Time (Typ)50μs, 150μs (Max)Rise / Fall Time (Typ)-Input TypeDCOutput TypeTransistor with BaseVoltage - Output (Max)80VCurrent - Output / Channel100mAVoltage - Forward (Vf) (Typ)1.23VCurrent - DC Forward (If) (Max)100mAVce Saturation (Max)400mVOperating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case6-DIP (0.300", 7.62mm)Supplier Device Package6-DIP	Series	-
Current Transfer Ratio (Min)  Current Transfer Ratio (Max)  400% @ 10mA  Turn On / Turn Off Time (Typ)  50µs, 150µs (Max)  Rise / Fall Time (Typ)  - Input Type  DC  Output Type  Transistor with Base  Voltage - Output (Max)  Current - Output / Channel  100mA  Voltage - Forward (Vf) (Typ)  1.23V  Current - DC Forward (If) (Max)  Vee Saturation (Max)  Operating Temperature  -55°C ~ 100°C  Mounting Type  Package / Case  6-DIP (0.300", 7.62mm)  Supplier Device Package	Number of Channels	1
Current Transfer Ratio (Max)  Turn On / Turn Off Time (Typ)  Sous, 150µs (Max)  Fall Time (Typ)  Input Type  DC  Output Type  Transistor with Base  Voltage - Output (Max)  Current - Output / Channel  Voltage - Forward (Vf) (Typ)  1.23V  Current - DC Forward (If) (Max)  Voe Saturation (Max)  Operating Temperature  -55°C ~ 100°C  Mounting Type  Through Hole  Package / Case  6-DIP (0.300", 7.62mm)  Supplier Device Package	Voltage - Isolation	5300Vrms
Turn On / Turn Off Time (Typ)50μs, 150μs (Max)Rise / Fall Time (Typ)-Input TypeDCOutput TypeTransistor with BaseVoltage - Output (Max)80VCurrent - Output / Channel100mAVoltage - Forward (Vf) (Typ)1.23VCurrent - DC Forward (If) (Max)100mAVce Saturation (Max)400mVOperating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case6-DIP (0.300", 7.62mm)Supplier Device Package6-DIP	Current Transfer Ratio (Min)	25% @ 10mA
Rise / Fall Time (Typ) Input Type DC Output Type Transistor with Base Voltage - Output (Max) 80V Current - Output / Channel 100mA Voltage - Forward (Vf) (Typ) 1.23V Current - DC Forward (If) (Max) 100mA Vce Saturation (Max) 400mV Operating Temperature -55°C ~ 100°C Mounting Type Through Hole Package / Case 6-DIP (0.300", 7.62mm) Supplier Device Package	Current Transfer Ratio (Max)	400% @ 10mA
Input Type Output Type Transistor with Base  Voltage - Output (Max) 80V Current - Output / Channel 100mA  Voltage - Forward (Vf) (Typ) 1.23V Current - DC Forward (If) (Max) 100mA  Vce Saturation (Max) 400mV Operating Temperature -55°C ~ 100°C Mounting Type Through Hole Package / Case 6-DIP (0.300", 7.62mm)  Supplier Device Package 6-DIP	Turn On / Turn Off Time (Typ)	50μs, 150μs (Max)
Output Type  Transistor with Base  Voltage - Output (Max)  80V  Current - Output / Channel  100mA  Voltage - Forward (Vf) (Typ)  1.23V  Current - DC Forward (If) (Max)  100mA  Vce Saturation (Max)  400mV  Operating Temperature  -55°C ~ 100°C  Mounting Type  Through Hole  Package / Case  6-DIP (0.300", 7.62mm)  Supplier Device Package	Rise / Fall Time (Typ)	-
Voltage - Output (Max)  Current - Output / Channel  100mA  Voltage - Forward (Vf) (Typ)  1.23V  Current - DC Forward (If) (Max)  Vce Saturation (Max)  Operating Temperature  400mV  Operating Type  Through Hole  Package / Case  6-DIP (0.300", 7.62mm)  Supplier Device Package	Input Type	DC
Current - Output / Channel 100mA  Voltage - Forward (Vf) (Typ) 1.23V  Current - DC Forward (If) (Max) 100mA  Vce Saturation (Max) 400mV  Operating Temperature -55°C ~ 100°C  Mounting Type Through Hole  Package / Case 6-DIP (0.300", 7.62mm)  Supplier Device Package 6-DIP	Output Type	Transistor with Base
Voltage - Forward (Vf) (Typ)  1.23V  Current - DC Forward (If) (Max)  100mA  Vce Saturation (Max)  Operating Temperature  -55°C ~ 100°C  Mounting Type  Through Hole  Package / Case  6-DIP (0.300", 7.62mm)  Supplier Device Package	Voltage - Output (Max)	80V
Current - DC Forward (If) (Max)  Vce Saturation (Max)  Operating Temperature  -55°C ~ 100°C  Mounting Type  Through Hole  Package / Case  6-DIP (0.300", 7.62mm)  Supplier Device Package	Current - Output / Channel	100mA
Vce Saturation (Max)400mVOperating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case6-DIP (0.300", 7.62mm)Supplier Device Package6-DIP	Voltage - Forward (Vf) (Typ)	1.23V
Operating Temperature  -55°C ~ 100°C  Mounting Type  Through Hole  Package / Case  6-DIP (0.300", 7.62mm)  Supplier Device Package  6-DIP	Current - DC Forward (If) (Max)	100mA
Mounting Type Through Hole Package / Case 6-DIP (0.300", 7.62mm) Supplier Device Package 6-DIP	Vce Saturation (Max)	$400 \mathrm{mV}$
Package / Case 6-DIP (0.300", 7.62mm) Supplier Device Package 6-DIP	Operating Temperature	-55°C ~ 100°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 criois:		Report errors?

### **SL5504 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.

## **SL5504 Payment Methods**



















# **SL5504 Shipping Methods**













If you have any question about SL5504, please do not hesitate to contact us!

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