

# TIL111S(TB)-V

# TIL111S(TB)-V Information



# **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.



# TIL111S(TB)-V Specifications

Manufacturer Part Number TLL 11S (TB)-V   Manufacturer Everlight Electronics Co Ltd   Category Isolators   Optioslators - Transistor, Photovoltaic Output Optioslators - Transistor, Photovoltaic Output   Package 6-SMD, Gull Wing   Series -   Number of Channels 1   Voltage - Isolation -   Current Transfer Ratio (Min) -   Current Transfer Ratio (Max) -   Tun On / Turn Off Time (Typ) -   Nupt Pye Dod   Output Type OS   Output Type Carcent		
CategoryNotCategoryOptoisolators - Transistor, Photovoltaic OutputPackage6-SMD, Gull WingSeries-Number of Channels1Voltage - Isolation5000VrmsCurrent Transfer Ratio (Max)-Current Transfer Ratio (Max)-Turn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)6µs, 8µsOutput TypeDCOutput Type80VVoltage - Output (Max)80VCurrent - Output / Channel-Voltage - Forward (Vf) (Typ)1.22VCurrent - DC Forward (If) (Max)60mAOperating Temperature-55°C ~ 110°CMounting TypeSurface MountPackage / Case6.SMD, Gull WingSurplier Device Package6.SMD	Manufacturer Part Number	TIL111S(TB)-V
PackageOptioisolators - Transistor, Photovoltaic OutputPackage6-SMD, Gull WingSeries-Number of Channels1Voltage - Isolation5000VrmsCurrent Transfer Ratio (Min)-Current Transfer Ratio (Max)-Current Transfer Ratio (Max)-Turn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)6µs, 8µsOutput TypeDCOutput TypeTransistor with BaseVoltage - Output (Max)80VCurrent - Output / Channel-Voltage - Forward (Vf) (Typ)1.22VCurrent - DC Forward (If) (Max)60mAVoltage - Forward (If) (Max)60mAVoltage - Forward (If) (Max)55°C ~ 110°CMounting TypeSufface MountPackage / Case6-SMD, Gull WingSupplier Device Package6-SMD, Gull Wing	Manufacturer	Everlight Electronics Co Ltd
Package6-SMD, Gull WingSeries-Number of Channels1Voltage - Isolation5000VrmsCurrent Transfer Ratio (Max)-Current Transfer Ratio (Max)-Turn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)6µs 8µsOutput TypeDCOutput Type80VOutput Type-Voltage - Output (Max)80VCurrent - Output / Channel-Voltage - Forward (If) (Max)1.22VOutput Type6mAVoltage Torward (If) (Max)60mAVoltage Torward (If) (Max)-Output Type-Seaturation (Max)-Output Type-Surdant Constration (Max)-Surdant Constration (Max)-Surdage / Case-Surdage / Case-Surdage / Case-Supplier Device Package-Supplier Dev	Category	Isolators
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Number of Channels1Voltage - Isolation5000VrmsCurrent Transfer Ratio (Min)-Current Transfer Ratio (Max)-Turn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)6µs, 8µsInput TypeDCOutput TypeTransistor with BaseVoltage - Output (Max)60VCurrent - Output / Channel-Voltage - Forward (Uf) (Typ)1.22VCurrent - DC Forward (Uf) (Max)60mAVec Saturation (Max)55° < 110°C	Package	6-SMD, Gull Wing
Voltage - Isolation5000VrmsCurrent Transfer Ratio (Min)-Current Transfer Ratio (Max)-Turn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)6µs, 8µsInput TypeDCOutput TypeTransistor with BaseVoltage - Output (Max)80VCurrent - Output / Channel-Voltage - Forward (Vf) (Typ)1.22VCurrent - DC Forward (If) (Max)60mAVes Saturation (Max)400mVOperating Temperature-Mounting TypeSurface MountPackage / Case6-SMD, Gull WingSupplier Device Package6-SMD	Series	-
Current Transfer Ratio (Min)-Current Transfer Ratio (Max)-Turn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)6µs, 8µsInput TypeDCOutput TypeTransistor with BaseVoltage - Output (Max)80VCurrent - Output / Channel-Voltage - Forward (Vf) (Typ)1.22VCurrent - DC Forward (If) (Max)60mAVec Saturation (Max)-55°C ~ 110°COperating TemperatureSurface MountPackage / Case6-SMD, Gull WingSupplier Device Package6-SMD	Number of Channels	1
Current Transfer Ratio (Max)-Turn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)6µs, 8µsInput TypeDCOutput TypeTransistor with BaseVoltage - Output (Max)80VCurrent - Output / Channel-Voltage - Forward (Vf) (Typ)1.22VCurrent - DC Forward (If) (Max)60mAVec Saturation (Max)400mVOperating Temperature-55°C ~ 110°CMounting Type6.SMD, Gull WingSupplier Device Package6.SMD	Voltage - Isolation	5000Vrms
Turn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)6µs, 8µsInput TypeDCOutput TypeTransistor with BaseVoltage - Output (Max)80VCurrent - Output / Channel-Voltage - Forward (Vf) (Typ)1.22VCurrent - DC Forward (If) (Max)60mAVec Saturation (Max)400mVOperating Temperature-55°C ~ 110°CMounting TypeSurface MountPackage / Case6-SMD, Gull WingSupplier Device Package6-SMD	Current Transfer Ratio (Min)	-
Rise / Fall Time (Typ)6µs, 8µsInput TypeDCOutput TypeTransistor with BaseVoltage - Output (Max)80VCurrent - Output / Channel-Voltage - Forward (Vf) (Typ)1.22VCurrent - DC Forward (If) (Max)60mAVec Saturation (Max)400mVOperating Temperature-55°C ~110°CMounting TypeSurface MountPackage / Case6-SMD, Gull WingSupplier Device Package6-SMD	Current Transfer Ratio (Max)	-
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NoteTransistor with BaseOutput TypeTransistor with BaseVoltage - Output (Max)80VCurrent - Output / Channel-Voltage - Forward (Vf) (Typ)1.22VCurrent - DC Forward (If) (Max)60mAVcc Saturation (Max)400mVOperating Temperature-55°C ~ 110°CMounting TypeSurface MountPackage / Case6-SMD, Gull WingSupplier Device Package6-SMD	Rise / Fall Time (Typ)	бµѕ, 8µѕ
NoteNoteVoltage - Output (Max)80VCurrent - Output / Channel-Voltage - Forward (Vf) (Typ)1.22VCurrent - DC Forward (If) (Max)60mAVcc Saturation (Max)400mVOperating Temperature-55°C ~ 110°CMounting TypeSurface MountPackage / Case6-SMD, Gull WingSupplier Device Package6-SMD	Input Type	DC
Current - Output / Channel-Voltage - Forward (Vf) (Typ)1.22VCurrent - DC Forward (If) (Max)60mAVce Saturation (Max)400mVOperating Temperature-55°C ~ 110°CMounting TypeSurface MountPackage / Case6-SMD, Gull WingSupplier Device Package6-SMD	Output Type	Transistor with Base
Voltage - Forward (Vf) (Typ)1.22VCurrent - DC Forward (If) (Max)60mAVce Saturation (Max)400mVOperating Temperature-55°C ~ 110°CMounting TypeSurface MountPackage / Case6-SMD, Gull WingSupplier Device Package6-SMD	Voltage - Output (Max)	80V
Current - DC Forward (If) (Max)60mAVce Saturation (Max)400mVOperating Temperature-55°C ~ 110°CMounting TypeSurface MountPackage / Case6-SMD, Gull WingSupplier Device Package6-SMD	Current - Output / Channel	-
Vce Saturation (Max)400mVOperating Temperature-55°C ~ 110°CMounting TypeSurface MountPackage / Case6-SMD, Gull WingSupplier Device Package6-SMD	Voltage - Forward (Vf) (Typ)	1.22V
Operating Temperature-55°C ~ 110°CMounting TypeSurface MountPackage / Case6-SMD, Gull WingSupplier Device Package6-SMD	Current - DC Forward (If) (Max)	60mA
Mounting TypeSurface MountPackage / Case6-SMD, Gull WingSupplier Device Package6-SMD	Vce Saturation (Max)	400mV
Package / Case6-SMD, Gull WingSupplier Device Package6-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?

#### TIL111S(TB)-V 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.

#### TIL111S(TB)-V Payment Methods



# TIL111S(TB)-V Shipping Methods



If you have any question about TIL111S(TB)-V, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com