

EL814S1(TD)

EL814S1(TD) Information

Heisener.com	EL814S1(TD) Everlight Electronics Co Ltd Isolators Optoisolators - Transistor, Photovoltaic Output OPTOISOLTR 5KV TRANSISTOR 4-SMD 4-SMD, Gull Wing For the pricing/inventory/lead time, please contact	
For Reference Only	us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

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EL814S1(TD) Specifications

Manufacturer Part Number EL814S1(TD) Manufacturer Everlight Electronics Co Ltd Category Isolators Optoisolators - Transistor, Photovoltaic Output Package 4-SMD, Gull Wing Series - Number of Channels 1 Voltage - Isolation 5000Vrms Current Transfer Ratio (Min) 20% @ ImA Current Transfer Ratio (Max) 300% @ ImA Innu On / Turn Off Time (Typ) - Rise / Fall Time (Typ) 5/ks, 1 µs Input Type AC, DC Output Jype 7/ks, 1 µs Voltage - Output (Max) 80V Current - Output / Channel - Voltage - Forward (Vf) (Typ) 1.2V Current - DC Forward (If) (Max) 60mA Vec Saturation (Max) 200mV Operating Temperature 55°C ~ 110°C Mounting Type Surface Mount Package / Case 4.SMD, Gull Wing		
CategoryIsolatorsPackageOptoisolators - Transistor, Photovoltaic OutputPackage4-SMD, Gull WingSeries-Number of Channels1Voltage - Isolation5000VrmsCurrent Transfer Ratio (Min)20% @ ImACurrent Transfer Ratio (Max)300% @ ImATurn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)7µs, 11µsInput TypeAC, DCOutput Type12VVoltage - Output (Max)80VCurrent - Output / Channel-Voltage - Forward (Vf) (Typ)1.2VCurrent - Output (Max)60mAVoltage - Forward (Max)200mVOperating Temperature-55°C ~ 110°CMounting TypeSurface MountPackage / Case4-SMD, Gull WingSurplier Device Package4-SMD	Manufacturer Part Number	EL814S1(TD)
Optisolators - Transistor, Photovoltaic OutputPackage4-SMD, Gull WingSeries-Number of Channels1Voltage - Isolation5000VrmsCurrent Transfer Ratio (Min)20% @ ImACurrent Transfer Ratio (Max)300% @ ImATurn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)7µs, 11µsInput TypeAC, DCOutput Type80VVoltage - Output / Channel-Voltage - Output / Channel1.2VCurrent - Output / Channel60mAVoltage - Forward (If) (Max)60mAVoltage - Forward (If) (Max)50°C ~ 110°CMounting TypeSurface MountPackage / Case4-SMD, Gull Wing	Manufacturer	Everlight Electronics Co Ltd
Package4-SMD, Gull WingSeries-Number of Channels1Voltage - Isolation5000VrmsCurrent Transfer Ratio (Min)20% @ ImACurrent Transfer Ratio (Max)300% @ ImATurn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)7µs, 11µsOutput TypeAC, DCOutput Type80VOutput (Max)80VCurrent - Output / Channel-Voltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAVoltage Tormerature-55°C ~ 110°CMounting TypeSufface MountPackage / Case4.SMD, Gull Wing	Category	Isolators
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Number of ChannelsIVoltage - Isolation5000VrmsCurrent Transfer Ratio (Min)20% @ ImACurrent Transfer Ratio (Max)300% @ ImATurn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)7µs, 11µsInput TypeAC, DCOutput TypeTransistorVoltage - Output (Max)80VCurrent - Output / Channel-Voltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAVer Saturation (Max)50°C ~ 110°COperating TemperatureSurface MountMounting TypeSurface MountPackage / Case4.SMD, Gull Wing	Package	4-SMD, Gull Wing
Voltage - Isolation5000VrmsCurrent Transfer Ratio (Min)20% @ ImACurrent Transfer Ratio (Max)300% @ ImATurn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)/µs, 11µsInput TypeAC, DCOutput TypeTransistorVoltage - Output (Max)80VCurrent - Output / Channel-Voltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAVec Saturation (Max)200mVOperating Temperature-55°C ~ 110°CMounting Type4.5MD, Gull WingSupplier Device Package4.5MD	Series	-
Current Transfer Ratio (Min)20% @ ImACurrent Transfer Ratio (Max)300% @ ImATurn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)7µs, 11µsInput TypeAC, DCOutput TypeTransistorVoltage - Output (Max)80VCurrent - Output / Channel-Voltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAVec Saturation (Max)200mVOperating Temperature-55°C ~ 110°CMounting Type4.SMD, Gull WingSupplier Device Package4.SMD	Number of Channels	1
Current Transfer Ratio (Max)300% @ ImATurn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)7µs, 11µsInput TypeAC, DCOutput TypeTransistorOutput Type80VCurrent - Output (Max)80VCurrent - Output / Channel-Voltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAVec Saturation (Max)200mVOperating Temperature-55°C ~ 110°CMounting TypeSurface MountPackage / Case4-SMD, Gull Wing	Voltage - Isolation	5000Vrms
Turn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)7µs, 11µsInput TypeAC, DCOutput TypeTransistorVoltage - Output (Max)80VCurrent - Output / Channel-Voltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAVee Saturation (Max)200mVOperating Temperature-55°C ~ 110°CMounting TypeSurface MountPackage / Case4-SMD, Gull WingSupplier Device Package4-SMD	Current Transfer Ratio (Min)	20% @ 1mA
Rise / Fall Time (Typ)7µs, 11µsInput TypeAC, DCOutput TypeTransistorVoltage - Output (Max)80VCurrent - Output / Channel-Voltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAVce Saturation (Max)200mVOperating Temperature-55°C ~ 110°CMounting TypeSurface MountPackage / Case4-SMD, Gull WingSupplier Device Package4-SMD	Current Transfer Ratio (Max)	300% @ 1mA
Input TypeAC, DCOutput TypeTransistorVoltage - Output (Max)80VCurrent - Output / Channel-Voltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAVce Saturation (Max)200mVOperating Temperature-55°C ~ 110°CMounting TypeSurface MountPackage / Case4-SMD, Gull WingSupplier Device Package4-SMD	Turn On / Turn Off Time (Typ)	-
NumberTransistorOutput TypeTransistorVoltage - Output (Max)80VCurrent - Output / Channel-Voltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAVcc Saturation (Max)200mVOperating Temperature-55°C ~ 110°CMounting TypeSurface MountPackage / Case4-SMD, Gull WingSupplier Device Package4-SMD	Rise / Fall Time (Typ)	7µs, 11µs
Voltage - Output (Max)80VCurrent - Output / Channel-Voltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAVce Saturation (Max)200mVOperating Temperature-55°C ~ 110°CMounting TypeSurface MountPackage / Case4-SMD, Gull WingSupplier Device Package4-SMD	Input Type	AC, DC
Current - Output / Channel-Voltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAVce Saturation (Max)200mVOperating Temperature-55°C ~ 110°CMounting TypeSurface MountPackage / Case4-SMD, Gull WingSupplier Device Package4-SMD	Output Type	Transistor
Voltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAVce Saturation (Max)200mVOperating Temperature-55°C ~ 110°CMounting TypeSurface MountPackage / Case4-SMD, Gull WingSupplier Device Package4-SMD	Voltage - Output (Max)	80V
Current - DC Forward (If) (Max)60mAVce Saturation (Max)200mVOperating Temperature-55°C ~ 110°CMounting TypeSurface MountPackage / Case4-SMD, Gull WingSupplier Device Package4-SMD	Current - Output / Channel	-
Vce Saturation (Max)200mVOperating Temperature-55°C ~ 110°CMounting TypeSurface MountPackage / Case4-SMD, Gull WingSupplier Device Package4-SMD	Voltage - Forward (Vf) (Typ)	1.2V
Operating Temperature-55°C ~ 110°CMounting TypeSurface MountPackage / Case4-SMD, Gull WingSupplier Device Package4-SMD	Current - DC Forward (If) (Max)	60mA
Mounting TypeSurface MountPackage / Case4-SMD, Gull WingSupplier Device Package4-SMD	Vce Saturation (Max)	200mV
Package / Case4-SMD, Gull WingSupplier Device Package4-SMD	Operating Temperature	-55°C ~ 110°C
Supplier Device Package 4-SMD	Mounting Type	Surface Mount
	Package / Case	4-SMD, Gull Wing
Depart array	Supplier Device Package	4-SMD
Keportenois		Report errors?

EL814S1(TD) 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.

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Service Guarantees

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

EL814S1(TD) Payment Methods



EL814S1(TD) Shipping Methods



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