

# EL817(S)(A)(TD)-V

## EL817(S)(A)(TD)-V Information

wyw.helsenercom	EL817(S)(A)(TD)-V 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 us	
For Reference Only	Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

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# EL817(S)(A)(TD)-V Specifications

Manufacturer Part NumberEL817(S)(A)(TD)-VManufacturerEverlight Electronics Co LtdCategoryIsolatorsCategoryAsolatorsPackage4-SMD, Gull WingSeries-Number of Channels1Voltage - Isolation5000VrmsCurrent Transfer Ratio (Min)80% @ 5mACurrent Transfer Ratio (Max)160% @ 5mACurrent Transfer Ratio (Max)-Yung Yipe2Numbry Of Liman (Max)10% @ 5mAOutgrut Type-Numbry Of Liman (Max)10% @ 5mASeries-Series (Max)10% @ 5mAOutgrut Type-Numbry Of Liman (Max)-Outgrut TypeCOutgrut Type-Outgrut Outgrut (Max)3VVoltage - Forward (V) (Vyp)1.2VCurrent - DC Forward (If) (Max)60mAVoltage Tomperature-Outgrut Type-Outgrut Type-Secturation (Max)-Outgrut Type-Parting Type-Outgrut Type-Secturation (Max)-Outgrut Type-Outgrut Type-Parting Type-Parting Type-Secturation (Max)-Outgrut Type-Secturation (Max)-Outgrut Type-Parting Type-Secturation (Max)-Outgrut Type-Secturation (Max)- </th <th></th> <th></th>		
CategoryIsolatorsPackageOptoisolators - Transistor, Photovoltaic OutputPackage4-SMD, Gull WingSeries-Number of Channels1Voltage - Isolation5000VrmsCurrent Transfer Ratio (Min)80% @ 5mACurrent Transfer Ratio (Max)160% @ 5mATurn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)DCOutput TypeDCOutput Type55%Voltage - Sorward (Vf) (Typ)1.2VVoltage - Forward (If) (Max)60mAVoltage - Forward (If) (Max)60mAVoltage Torrent (Max)0.20mVOutput Type55°C ~ 110°CMounting TypeSuface MountApsore (Case4.SMD, Gull Wing	Manufacturer Part Number	EL817(S)(A)(TD)-V
PackageOptoisolators - Transistor, Photovoltaic OutputPackage4-SMD, Gull WingSeries-Number of Channels1Voltage - Isolation5000VrmsCurrent Transfer Ratio (Min)80% @ 5mACurrent Transfer Ratio (Max)160% @ 5mACurrent Transfer Ratio (Max)60% @ 5mATurn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)4µs, 3µsInput TypeDCOutput TypeTransistorVoltage - Output (Max)35VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAVoltage Torperature-55°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)80% @ 5mACurrent Transfer Ratio (Max)160% @ 5mATurn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)4µs, 3µsInput TypeDCOutput TypeTransistorVoltage - Output (Max)35VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAVec Saturation (Max)200mVOperating Temperature.55° < 110°C	Category	Isolators
Series-Number of Channels1Voltage - Isolation5000VrmsCurrent Transfer Ratio (Min)80% @ 5mACurrent Transfer Ratio (Max)160% @ 5mATurn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)4µs, 3µsInput TypeDCOutput TypeTransistorVoltage - Output (Max)35VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAVec Saturation (Max)55°C ~ 110°CMounting TypeSurface MountPackage / Case4.SMD, Gull Wing		Optoisolators - Transistor, Photovoltaic Output
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Voltage - Isolation5000VrmsCurrent Transfer Ratio (Min)80% @ 5mACurrent Transfer Ratio (Max)160% @ 5mATurn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)4µs, 3µsInput TypeDCOutput TypeTransistorVoltage - Output (Max)35VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAVes Saturation (Max)200mVOperating Temperature-55°C ~ 110°CMounting Type4-SMD, Gull Wing	Series	-
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Current Transfer Ratio (Max)160% @ 5mATurn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)4µs, 3µsInput TypeDCOutput TypeTransistorVoltage - Output (Max)35VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)200mVOperating Temperature-5°C ~ 110°CMounting TypeSurface MountPackage / Case4.SMD, Gull Wing	Voltage - Isolation	5000Vrms
Turn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)4µs, 3µsInput TypeDCOutput TypeTransistorVoltage - Output (Max)35VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAVce Saturation (Max)200mVOperating Temperature-55°C ~ 110°CMounting TypeSurface MountPackage / Case4-SMD, Gull Wing	Current Transfer Ratio (Min)	80% @ 5mA
Rise / Fall Time (Typ)4µs, 3µsInput TypeDCOutput TypeTransistorVoltage - Output (Max)35VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAVce Saturation (Max)200mVOperating Temperature-55°C ~ 110°CMounting TypeSurface MountPackage / Case4.SMD, Gull Wing	Current Transfer Ratio (Max)	160% @ 5mA
Input TypeDCOutput TypeTransistorVoltage - Output (Max)35VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAVce Saturation (Max)200mVOperating Temperature-55°C ~ 110°CMounting TypeSurface MountPackage / Case4-SMD, Gull Wing	Turn On / Turn Off Time (Typ)	-
Output TypeTransistorOutput TypeStransistorVoltage - Output (Max)StransistorCurrent - Output / ChannelSomAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAVce Saturation (Max)200mVOperating Temperature-55°C ~ 110°CMounting TypeSurface MountPackage / Case4-SMD, Gull Wing	Rise / Fall Time (Typ)	4µs, 3µs
Voltage - Output (Max)35VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAVce Saturation (Max)200mVOperating Temperature-55°C ~ 110°CMounting TypeSurface MountPackage / Case4-SMD, Gull Wing	Input Type	DC
Current - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAVce Saturation (Max)200mVOperating Temperature-55°C ~ 110°CMounting TypeSurface MountPackage / Case4-SMD, Gull Wing	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 Wing	Voltage - Output (Max)	35V
Current - DC Forward (If) (Max)60mAVce Saturation (Max)200mVOperating Temperature-55°C ~ 110°CMounting TypeSurface MountPackage / Case4-SMD, Gull Wing	Current - Output / Channel	50mA
Vce Saturation (Max)200mVOperating Temperature-55°C ~ 110°CMounting TypeSurface MountPackage / Case4-SMD, Gull Wing	Voltage - Forward (Vf) (Typ)	1.2V
Operating Temperature-55°C ~ 110°CMounting TypeSurface MountPackage / Case4-SMD, Gull Wing	Current - DC Forward (If) (Max)	60mA
Mounting TypeSurface MountPackage / Case4-SMD, Gull Wing	Vce Saturation (Max)	200mV
Package / Case 4-SMD, Gull Wing	Operating Temperature	-55°C ~ 110°C
	Mounting Type	Surface Mount
Supplier Device Package 4-SMD	Package / Case	4-SMD, Gull Wing
	Supplier Device Package	4-SMD
Report error		Report errors?

#### EL817(S)(A)(TD)-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 Guarantees**

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

#### EL817(S)(A)(TD)-V Payment Methods



### EL817(S)(A)(TD)-V Shipping Methods



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