

EL817(D)-V

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EL817(D)-V Information

www.ueisener.com	Part Number	EL817(D)-V	
	Manufacturer	Everlight Electronics Co Ltd	
	Category	Isolators Optoisolators - Transistor, Photovoltaic Output	
	Description	OPTOISOLTR 5KV TRANSISTOR 4-DIP	
	Package	4-DIP (0.300", 7.62mm)	
		For the pricing/inventory/lead time, please contact	
For Reference Only		us Website: https://www.heisener.com E-mail: salesdept@heisener.com	

Certified Quality

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EL817(D)-V Specifications

Manufacturer Part NumberEL817(D)-VManufacturerEverlight Electronics Co LtdCategoryIsolatorsOptoisolators - Transistor, Photovoltaic OutputPackage4-DIP (0.300", 7.62mm)Series-Number of Channels1Voltage - Isolation5000VrmsCurrent Transfer Ratio (Min)300% @ 5mACurrent Transfer Ratio (Max)600% @ 5mATurn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)QUOutput TypeDCOutput Type500NAVoltage - Ioutput (Max)35VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAVoltage - Forward (If) (Max)60mAVoltage - Forward (If) (Max)60mAVoltage - Forward (If) (Max)55° C ~ 110°CMounting TypeThrougn FullonCurrent - Det Forward (If) (Max)55° C ~ 110°CMounting TypeThrougn Fullon		
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PackageOptoisolators - Transistor, Photovoltaic OutputPackage4-DIP (0.300", 7.62mm)Series-Number of Channels1Voltage - Isolation5000VrmsCurrent Transfer Ratio (Min)300% @ 5mACurrent Transfer Ratio (Max)600% @ 5mACurrent Transfer Ratio (Max)600% @ 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°C ~ 110°CMounting TypeThrough Hole	Manufacturer	Everlight Electronics Co Ltd
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Number of Channels1Voltage - Isolation5000VrmsCurrent Transfer Ratio (Min)300% @ 5mACurrent Transfer Ratio (Max)600% @ 5mATurn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)4µs, 3µsInput TypeDCOutput TyperransistorVoltage - Output (Max)35VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAVec Saturation (Max)55°C ~ 110°CMounting TypeThrough Hole	Package	4-DIP (0.300", 7.62mm)
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Current Transfer Ratio (Min)300% @ 5mACurrent Transfer Ratio (Max)600% @ 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°C ~ 110°CMounting TypeThrough Hole	Number of Channels	1
Current Transfer Ratio (Max)600% @ 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)200mVVec Saturation (Max)200mVOperating Temperature-55°C ~ 110°CMounting TypeThrough Hole	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)200mVVce Saturation (Max)55°C ~ 110°CMounting TypeThrough Hole	Current Transfer Ratio (Min)	300% @ 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 TypeThrough Hole	Current Transfer Ratio (Max)	600% @ 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 TypeThrough Hole	Turn On / Turn Off Time (Typ)	-
Output TypeTransistorOutput TypeStvVoltage - Output (Max)SomACurrent - Output / ChannelSomAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAVce Saturation (Max)200mVOperating Temperature-55°C ~ 110°CMounting TypeThrough Hole	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 TypeThrough Hole	Input Type	DC
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Voltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAVce Saturation (Max)200mVOperating Temperature-55°C ~ 110°CMounting TypeThrough Hole	Voltage - Output (Max)	35V
Current - DC Forward (If) (Max)60mAVce Saturation (Max)200mVOperating Temperature-55°C ~ 110°CMounting TypeThrough Hole	Current - Output / Channel	50mA
Vce Saturation (Max)200mVOperating Temperature-55°C ~ 110°CMounting TypeThrough Hole	Voltage - Forward (Vf) (Typ)	1.2V
Operating Temperature-55°C ~ 110°CMounting TypeThrough Hole	Current - DC Forward (If) (Max)	60mA
Mounting Type Through Hole	Vce Saturation (Max)	200mV
	Operating Temperature	-55°C ~ 110°C
	Mounting Type	Through Hole
Package / Case 4-DIP (0.300", 7.62mm)	Package / Case	4-DIP (0.300", 7.62mm)
Supplier Device Package 4-DIP	Supplier Device Package	4-DIP
Report error		Report errors?

EL817(D)-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 BUARANTEE

Service Guarantees

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

EL817(D)-V Payment Methods



EL817(D)-V Shipping Methods



If you have any question about EL817(D)-V, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com