

EL816(S)(C)(TD)-V

EL816(S)(C)(TD)-V Information

Heisener.com	EL816(S)(C)(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	
For Reference Only	us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

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EL816(S)(C)(TD)-V Specifications

ManufacturerEverlight Herchrics Co LtdCategoryIsolatorsPackage4-SMD, Gull WingPackage-Number of Channels1Voltage - Isolation5000VrmsCurrent Transfer Ratio (Min)200% @ 5mACurrent Transfer Ratio (Max)400% @ 5mATurn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)4µs, 3µsInput TypeDCOutput TypeTransistorVoltage - Output (Max)80VVoltage - Output (Max)50mAVoltage - Output (Max)60mACurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAVoltage - Greward (Vf) (Typ)50°C ~ 110°CCurrent - DC Forward (If) (Max)Sufface MountPackage / Case4-SMD, Gull WingSupplier Device Package4-SMD, Gull Wing		
Category Isoars Optoisolators - Transistor, Photovoltaic Output Package 4-SMD, Gull Wing Series - Number of Channels 1 Voltage - Isolation 5000 Vrms Current Transfer Ratio (Min) 200% @ 5mA Current Transfer Ratio (Max) 400% @ 5mA Turn On / Turn Off Time (Typ) - Rise / Fall Time (Typ) 4µs, 3µs Output Type DC Output Type Transistor Voltage - Output (Max) 80V Current - Output / Channel 50mA Voltage - Forward (Vf) (Typ) 1.2V Current - DC Forward (If) (Max) 60mA Voltage - Forward (If) (Max) 200mV Operating Temperature -55°C ~ 110°C Mounting Type Surface Mount Package / Case 4-SMD, Gull Wing	Manufacturer Part Number	EL816(S)(C)(TD)-V
Optoisolators - Transistor, Photovoltaic OutputPackage4-SMD, Gull WingSeries-Number of Channels1Voltage - Isolation5000VrmsCurrent Transfer Ratio (Min)200% @ 5mACurrent Transfer Ratio (Max)400% @ 5mATurn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)4µs, 3µsOutput TypeDCOutput TypeTransistorVoltage - Output (Max)80VVoltage - Output (Max)50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAVoltage - Forward (Vf) (Typ)50°C ~ 110°COperating Temperature-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)200% @ 5mACurrent Transfer Ratio (Max)400% @ 5mATurn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)-Minput TypeDCOutput TypeTransistorOutput TypeS00NAVoltage - Output (Max)80VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAVoltage - Forward (Vf) (Max)50°C ~ 110°COperating Temperature55°C ~ 110°CMounting TypeSurface MountPackage / Case4.SMD, Gull WingSupplier Device Package4.SMD	Category	Isolators
Series-Number of Channels1Voltage - Isolation5000VrmsCurrent Transfer Ratio (Min)200% @ 5mACurrent Transfer Ratio (Max)400% @ 5mATurn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)4µs, 3µsInput TypeDCOutput TypeTransistorVoltage - Output (Max)80VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAVe Saturation (Max)200mVOperating Temperature-55°C ~ 110°CMounting TypeSurface MountPackage / Case4.SMD, Gull WingSupplier Device Package4.SMD		Optoisolators - Transistor, Photovoltaic Output
Number of Channels1Voltage - Isolation5000VrmsCurrent Transfer Ratio (Min)200% @ 5mACurrent Transfer Ratio (Max)400% @ 5mATurn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)4µs, 3µsInput TypeDCOutput TypeTransistorVoltage - Output (Max)80VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAVe Saturation (Max)200mVOperating Temperature55°C ~ 110°CMounting TypeSurface MountPackage / Case4.SMD, Gull Wing	Package	4-SMD, Gull Wing
Voltage - Isolation5000VrmsCurrent Transfer Ratio (Min)200% @ 5mACurrent Transfer Ratio (Max)400% @ 5mATurn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)4µs, 3µsInput TypeDCOutput TypeTransistorVoltage - Output (Max)80VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAVoltage Type50°C ~ 110°COperating Temperature50°C ~ 110°CPackage / Case4.SMD, Gull WingSupplier Device Package4.SMD	Series	-
Current Transfer Ratio (Min)200% @ 5mACurrent Transfer Ratio (Max)400% @ 5mATurn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)4µs, 3µsInput TypeDCOutput TypeTransistorVoltage - Output (Max)80VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAVoe Saturation (Max)200mVOperating Temperature-55°C ~ 110°CMounting TypeSurface MountPackage / Case4-SMD, Gull WingSupplier Device Package4-SMD	Number of Channels	1
Current Transfer Ratio (Max)400% @ 5mATurn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)4µs, 3µsInput TypeDCOutput TypeTransistorOutput Type80VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAVoe 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)4μs, 3μsInput TypeDCOutput TypeTransistorVoltage - Output (Max)80VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAVole Saturation (Max)200mVOperating Temperature-55°C ~ 110°CMounting TypeSurface MountPackage / Case4-SMD, Gull WingSupplier Device Package4-SMD	Current Transfer Ratio (Min)	200% @ 5mA
Rise / Fall Time (Typ)4µs, 3µsInput TypeDCOutput TypeTransistorVoltage - Output (Max)80VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAVec Saturation (Max)200mVOperating Temperature-55°C ~ 110°CMounting TypeSurface MountPackage / Case4-SMD, Gull WingSupplier Device Package4-SMD	Current Transfer Ratio (Max)	400% @ 5mA
Input TypeDCOutput TypeTransistorVoltage - Output (Max)80VCurrent - 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 WingSupplier Device Package4-SMD	Turn On / Turn Off Time (Typ)	-
Output TypeTransistorOutput TypeFransistorVoltage - Output (Max)80VCurrent - 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 WingSupplier Device Package4-SMD	Rise / Fall Time (Typ)	4µs, 3µs
Voltage - Output (Max)80VCurrent - 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 WingSupplier Device Package4-SMD	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 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	50mA
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
Report errors?	Supplier Device Package	4-SMD
		Report errors?

EL816(S)(C)(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.

EL816(S)(C)(TD)-V Payment Methods



EL816(S)(C)(TD)-V Shipping Methods



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