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EL851 Information

Part Number EL851

Manufacturer Everlight Electronics Co Ltd

Category Isolators

Optoisolators - Transistor, Photovoltaic Output

Description OPTOISO 5KV TRANSISTOR 4-DIP

Package 4-DIP (0.300", 7.62mm)

For the pricing/inventory/lead time, please contact

Website: https://www.heisener.com For Reference Only

E-mail: salesdept@heisener.com



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Certified Quality

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EL851 Specifications

| Manufacturer Part Number EL851 Manufacturer Everlight Electronics Co Ltd Category Isolators Optoisolators - Transistor, Photovoltaic Output Package 4-DIP (0.300", 7.62mm) Series - Number of Channels 1 Voltage - Isolation 5000Vrms Current Transfer Ratio (Min) 50% @ 5mA Current Transfer Ratio (Max) 600% @ 5mA Turn On / Turn Off Time (Typ) - Rise / Fall Time (Typ) 4μs, 5μs Input Type DC Output Type Transistor Voltage - Output (Max) 350V Current - Output / Channel 50mA Voltage - Forward (Vf) (Typ) 1.2V Current - DC Forward (If) (Max) 60mA Vec Saturation (Max) 400mV Operating Temperature -55° ~ 100°C Mounting Type Through Hole Package / Case 4-DIP (0.300", 7.62mm) Supplier Device Package 4-DIP (0.300", 7.62mm) | • | |
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| Voltage - Isolation5000VrmsCurrent Transfer Ratio (Min)50% @ 5mACurrent Transfer Ratio (Max)600% @ 5mATurn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)4μs, 5μsInput TypeDCOutput TypeTransistorVoltage - Output (Max)350VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAVce Saturation (Max)400mVOperating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case4-DIP (0.300", 7.62mm)Supplier Device Package4-DIP | Series | - |
| Current Transfer Ratio (Min) 50% @ 5mA Current Transfer Ratio (Max) 600% @ 5mA Turn On / Turn Off Time (Typ) - Rise / Fall Time (Typ) 4µs, 5µs Input Type DC Output Type Transistor Voltage - Output (Max) 350V Current - Output / Channel 50mA Voltage - Forward (Vf) (Typ) 1.2V Current - DC Forward (If) (Max) 60mA Vce Saturation (Max) 400mV Operating Temperature -55°C ~ 100°C Mounting Type Through Hole Package / Case 4-DIP (0.300", 7.62mm) Supplier Device Package 4-DIP | Number of Channels | 1 |
| Current Transfer Ratio (Max)600% @ 5mATurn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)4μs, 5μsInput TypeDCOutput TypeTransistorVoltage - Output (Max)350VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAVce Saturation (Max)400mVOperating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case4-DIP (0.300", 7.62mm)Supplier Device Package4-DIP | Voltage - Isolation | 5000Vrms |
| Turn On / Turn Off Time (Typ) Rise / Fall Time (Typ) 4μs, 5μs Input Type DC Output Type Transistor Voltage - Output (Max) SomA Voltage - Forward (Vf) (Typ) 1.2V Current - DC Forward (If) (Max) Vee Saturation (Max) Operating Temperature 400mV Operating Type Through Hole Package / Case 4-DIP (0.300", 7.62mm) Supplier Device Package | Current Transfer Ratio (Min) | 50% @ 5mA |
| Rise / Fall Time (Typ) 4µs, 5µs Input Type DC Output Type Transistor Voltage - Output (Max) 350V Current - Output / Channel 50mA Voltage - Forward (Vf) (Typ) 1.2V Current - DC Forward (If) (Max) 60mA Vce Saturation (Max) 400mV Operating Temperature -55°C ~ 100°C Mounting Type Through Hole Package / Case 4-DIP (0.300", 7.62mm) Supplier Device Package | Current Transfer Ratio (Max) | 600% @ 5mA |
| Input Type Output Type Transistor Voltage - Output (Max) 350V Current - Output / Channel 50mA Voltage - Forward (Vf) (Typ) 1.2V Current - DC Forward (If) (Max) 60mA Vce Saturation (Max) 400mV Operating Temperature -55°C ~ 100°C Mounting Type Through Hole Package / Case 4-DIP (0.300", 7.62mm) Supplier Device Package | Turn On / Turn Off Time (Typ) | - |
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| Voltage - Output (Max) Current - Output / Channel 50mA Voltage - Forward (Vf) (Typ) 1.2V Current - DC Forward (If) (Max) 60mA Vce Saturation (Max) 400mV Operating Temperature -55°C ~ 100°C Mounting Type Through Hole Package / Case 4-DIP (0.300", 7.62mm) Supplier Device Package 4-DIP | Input Type | DC |
| Current - Output / Channel 50mA Voltage - Forward (Vf) (Typ) 1.2V Current - DC Forward (If) (Max) 60mA Vce Saturation (Max) 400mV Operating Temperature -55°C ~ 100°C Mounting Type Through Hole Package / Case 4-DIP (0.300", 7.62mm) Supplier Device Package 4-DIP | Output Type | Transistor |
| Voltage - Forward (Vf) (Typ) 1.2V Current - DC Forward (If) (Max) 60mA Vce Saturation (Max) 400mV Operating Temperature -55°C ~ 100°C Mounting Type Through Hole Package / Case 4-DIP (0.300", 7.62mm) Supplier Device Package 4-DIP | Voltage - Output (Max) | 350V |
| Current - DC Forward (If) (Max) 60mA Vce Saturation (Max) 400mV Operating Temperature -55°C ~ 100°C Mounting Type Through Hole Package / Case 4-DIP (0.300", 7.62mm) Supplier Device Package 4-DIP | Current - Output / Channel | 50mA |
| Vce Saturation (Max)400mVOperating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case4-DIP (0.300", 7.62mm)Supplier Device Package4-DIP | Voltage - Forward (Vf) (Typ) | 1.2V |
| Operating Temperature -55°C ~ 100°C Mounting Type Through Hole Package / Case 4-DIP (0.300", 7.62mm) Supplier Device Package 4-DIP | Current - DC Forward (If) (Max) | 60mA |
| Mounting Type Through Hole Package / Case 4-DIP (0.300", 7.62mm) Supplier Device Package 4-DIP | Vce Saturation (Max) | 400mV |
| Package / Case 4-DIP (0.300", 7.62mm) Supplier Device Package 4-DIP | Operating Temperature | -55°C ~ 100°C |
| Supplier Device Package 4-DIP | Mounting Type | Through Hole |
| | Package / Case | 4-DIP (0.300", 7.62mm) |
| Report errors? | Supplier Device Package | 4-DIP |
| | | Report errors? |

EL851 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.

EL851 Payment Methods



















EL851 Shipping Methods













If you have any question about EL851, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com