

# 2SD1801S-TL-E

# **2SD1801S-TL-E Information**

averer helsener cort		2SD1801S-TL-E ON Semiconductor
	Category	Discrete Semiconductor Products Transistors - Bipolar (BJT) - Single
	Description	TRANS NPN 50V 2A TP-FA
	Package	TO-252-3, DPak (2 Leads + Tab), SC-63
	_	For the pricing/inventory/lead time, please contact
For Reference Only		us Website: https://www.heisener.com E-mail: salesdept@heisener.com



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### **2SD1801S-TL-E Specifications**

Manufacturer Part Number2SD1801S-TL-EManufacturerON SemiconductorCategoryDiscrete Semiconductor ProductsTransistors - Bipolar (BJT) - SinglePackageTO-252-3, DPak (2 Leads + Tab), SC-63Series-Transistor TypeNPNCurrent - Collector (Ic) (Max)2AVoltage - Collector Emitter Breakdown (Max)50VVce Saturation (Max) @ Ib, Ic400mV @ 50mA, 1ACurrent - Collector Cutoff (Max)100nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce100 @ 100mA, 2VPower - Max800mWFrequency - Transition150MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device Package2'TP-FA		
CategoryDiscrete Semiconductor ProductsTransistor - Bipolar (BJT) - SinglePackageTO-252-3, DPak (2 Leads + Tab), SC-63Series-Transistor TypeNPNCurrent - Collector (Lc) (Max)2AVoltage - Collector Emitter Breakdown (Max)50VVce Saturation (Max) @ Ib, Ic400mV @ 50mA, 1ACurrent - Collector Cutoff (Max)100nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce100 @ 100mA, 2VPower - Max800mWFrequency - Transition150MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device Package2TP-FA	Manufacturer Part Number	2SD1801S-TL-E
Transistors - Bipolar (BJT) - SinglePackageTO-252-3, DPak (2 Leads + Tab), SC-63Series-Transistor TypeNPNCurrent - Collector (Ic) (Max)2AVoltage - Collector Emitter Breakdown (Max)50VVce Saturation (Max) @ Ib, Ic400mV @ 50mA, 1ACurrent - Collector Cutoff (Max)100nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce100 @ 100mA, 2VPower - Max800mWFrequency - Transition150MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device Package2-TP-FA	Manufacturer	ON Semiconductor
PackageTO-252-3, DPak (2 Leads + Tab), SC-63Series-Transistor TypeNPNCurrent - Collector (Ic) (Max)2AVoltage - Collector Emitter Breakdown (Max)50VVce Saturation (Max) @ Ib, Ic400mV @ 50mA, 1ACurrent - Collector Cutoff (Max)100nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce100 @ 100mA, 2VPower - Max800mWFrequency - Transition150MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device Package2-TP-FA	Category	Discrete Semiconductor Products
Series-StriesNPNCurrent - Collector (Lo) (Max)2AVoltage - Collector Emitter Breakdown (Max)50VVce Saturation (Max) @ Ib, Ic400mV @ 50mA, 1ACurrent - Collector Cutoff (Max)100nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce100 @ 100mA, 2VPower - Max800mWFrequency - Transition150MHzOperating TemperatureSurface MountMounting TypeSurface MountPackage / CaseCo-252-3, DPak (2 Leads + Tab), SC-63Supplier Device Package2-TP-FA		Transistors - Bipolar (BJT) - Single
Transistor TypeNPNCurrent - Collector (Lo (Max)2AVoltage - Collector Emitter Breakdown (Max)50VVce Saturation (Max) @ Ib, Ic400mV @ 50mA, 1ACurrent - Collector Cutoff (Max)100nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce100 @ 100mA, 2VPower - Max800mWFrequency - Transition150MHzOperating TemperatureSurface MountMounting TypeSurface MountPackage / Case7D-252-3, DPak (2 Leads + Tab), SC-63Supplier Device Package2-TP-FA	Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Current - Collector (Ic) (Max)2AVoltage - Collector Emitter Breakdown (Max)50VVcc Saturation (Max) @ Ib, Ic400mV @ 50mA, 1ACurrent - Collector Cutoff (Max)100nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce100 @ 100mA, 2VPower - Max800mWFrequency - Transition150MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device Package2-TP-FA	Series	-
Voltage - Collector Emitter Breakdown (Max)50VVce Saturation (Max) @ lb, Ic400mV @ 50mA, 1ACurrent - Collector Cutoff (Max)100nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce100 @ 100mA, 2VPower - Max800mWFrequency - Transition150MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device Package2-TP-FA	Transistor Type	NPN
Yce Saturation (Max) @ Ib, Ic400mV @ 50mA, 1ACurrent - Collector Cutoff (Max)100nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce100 @ 100mA, 2VPower - Max800mWFrequency - Transition150MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device Package2-TP-FA	Current - Collector (Ic) (Max)	2A
Current - Collector Cutoff (Max)100nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce100 @ 100mA, 2VPower - Max800mWFrequency - Transition150MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device Package2-TP-FA	Voltage - Collector Emitter Breakdown (Max)	50V
DC Current Gain (hFE) (Min) @ Ic, Vce 100 @ 100mA, 2V   Power - Max 800mW   Frequency - Transition 150MHz   Operating Temperature 150°C (TJ)   Mounting Type Surface Mount   Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63   Supplier Device Package 2-TP-FA	Vce Saturation (Max) @ Ib, Ic	400mV @ 50mA, 1A
Power - Max800mWFrequency - Transition150MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device Package2-TP-FA	Current - Collector Cutoff (Max)	100nA (ICBO)
Frequency - Transition150MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device Package2-TP-FA	DC Current Gain (hFE) (Min) @ Ic, Vce	100 @ 100mA, 2V
Operating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device Package2-TP-FA	Power - Max	800mW
Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device Package2-TP-FA	Frequency - Transition	150MHz
Package / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device Package2-TP-FA	Operating Temperature	150°C (TJ)
Supplier Device Package 2-TP-FA	Mounting Type	Surface Mount
	Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
Report errors?	Supplier Device Package	2-TP-FA
Report errors:		Report errors?

#### **2SD1801S-TL-E 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

#### **Service Guarantees**

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

#### 2SD1801S-TL-E Payment Methods





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