

2SC5001TLQ

2SC5001TLQ Information



For Reference Only

Part Number	2SC5001TLQ	
Manufacturer	Rohm Semiconductor	
Category	Discrete Semiconductor Products Transistors - Bipolar (BJT) - Single	
Description	TRANS NPN 20V 10A SOT-428	
Package	TO-252-3, DPak (2 Leads + Tab), SC-63	
	For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com	



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2SC5001TLQ Specifications

Manufacturer Part Number2SC5001TLQManufacturerRohm SemiconductorCategoryDiscrete Semiconductor ProductsTransistor S Bipolar (BJT) - SingleTransistor - Single (BJT) - SinglePackage-Transistor TypeNPNCurrent - Collector (Ic) (Max)10AVoltage - Collector Emitter Breakdown (Max)20VVce Saturation (Max) @ Ib, Ic250mV @ 50mA, 4ACurrent - Collector Cutoff (Max)1µA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce120 @ 500mA, 2VPower - MaxIWFrequency - Transition150MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63		
CategoryDiscrete Semiconductor ProductsTransistors - Bipolar (BJT) - SinglePackageTO-252-3, DPak (2 Leads + Tab), SC-63Series-Transistor TypeNPNCurrent - Collector (Ic) (Max)10AVoltage - Collector Emitter Breakdown (Max)20VVce Saturation (Max) @ Ib, Ic250mV @ 50mA, 4ACurrent - Collector Cutoff (Max)1µA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce120 @ 500mA, 2VPower - Max1WFrequency - Transition150MHzOperating Temperature150°C (TJ)Mounting TypeSurface Mount	Manufacturer Part Number	2SC5001TLQ
Transistors - Bipolar (BJT) - SinglePackageTO-252-3, DPak (2 Leads + Tab), SC-63Series-Transistor TypeNPNCurrent - Collector (Ic) (Max)10AVoltage - Collector Emitter Breakdown (Max)20VVce Saturation (Max) @ Ib, Ic250mV @ 50mA, 4ACurrent - Collector Cutoff (Max)1µA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce120 @ 500mA, 2VPower - Max1WFrequency - Transition150MHzOperating Temperature150°C (TJ)Mounting TypeSurface Mount	Manufacturer	Rohm Semiconductor
PackageTO-252-3, DPak (2 Leads + Tab), SC-63Series-Transistor TypeNPNCurrent - Collector (Lc) (Max)10AVoltage - Collector Emitter Breakdown (Max)20VVce Saturation (Max) @ Ib, Ic250mV @ 50mA, 4ACurrent - Collector Cutoff (Max)1µA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce120 @ 500mA, 2VPower - Max1WFrequency - Transition150MHzOperating Temperature150°C (TJ)Mounting TypeSurface Mount	Category	Discrete Semiconductor Products
Series-Transistor TypeNPNCurrent - Collector (Ic) (Max)10AVoltage - Collector Emitter Breakdown (Max)20VVce Saturation (Max) @ Ib, Ic250mV @ 50mA, 4ACurrent - Collector Cutoff (Max)1µA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce120 @ 500mA, 2VPower - Max1WFrequency - Transition150MHzOperating Temperature150°C (TJ)Mounting TypeSurface Mount		Transistors - Bipolar (BJT) - Single
Transistor TypeNPNCurrent - Collector (Lc) (Max)10AVoltage - Collector Emitter Breakdown (Max)20VVce Saturation (Max) @ Ib, Ic250mV @ 50mA, 4ACurrent - Collector Cutoff (Max)1µA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce120 @ 500mA, 2VPower - Max1WFrequency - Transition150MHzOperating Temperature150°C (TJ)Mounting TypeSurface Mount	Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Current - Collector (Ic) (Max)10AVoltage - Collector Emitter Breakdown (Max)20VVce Saturation (Max) @ Ib, Ic250mV @ 50mA, 4ACurrent - Collector Cutoff (Max)1µA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce120 @ 500mA, 2VPower - Max1WFrequency - Transition150MHzOperating Temperature150°C (TJ)Mounting TypeSurface Mount	Series	-
Voltage - Collector Emitter Breakdown (Max)20VVce Saturation (Max) @ Ib, Ic250mV @ 50mA, 4ACurrent - Collector Cutoff (Max)1µA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce120 @ 500mA, 2VPower - Max1WFrequency - Transition150MHzOperating Temperature150°C (TJ)Mounting TypeSurface Mount	Transistor Type	NPN
Vce Saturation (Max) @ Ib, Ic250mV @ 50mA, 4ACurrent - Collector Cutoff (Max)1µA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce120 @ 500mA, 2VPower - Max1WFrequency - Transition150MHzOperating Temperature150°C (TJ)Mounting TypeSurface Mount	Current - Collector (Ic) (Max)	10A
Current - Collector Cutoff (Max)1μA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce120 @ 500mA, 2VPower - Max1WFrequency - Transition150MHzOperating Temperature150°C (TJ)Mounting TypeSurface Mount	Voltage - Collector Emitter Breakdown (Max)	20V
DC Current Gain (hFE) (Min) @ Ic, Vce120 @ 500mA, 2VPower - Max1WFrequency - Transition150MHzOperating Temperature150°C (TJ)Mounting TypeSurface Mount	Vce Saturation (Max) @ Ib, Ic	250mV @ 50mA, 4A
Power - Max1WFrequency - Transition150MHzOperating Temperature150°C (TJ)Mounting TypeSurface Mount	Current - Collector Cutoff (Max)	1μA (ICBO)
Frequency - Transition150MHzOperating Temperature150°C (TJ)Mounting TypeSurface Mount	DC Current Gain (hFE) (Min) @ Ic, Vce	120 @ 500mA, 2V
Operating Temperature150°C (TJ)Mounting TypeSurface Mount	Power - Max	1W
Mounting Type Surface Mount	Frequency - Transition	150MHz
	Operating Temperature	150°C (TJ)
Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Mounting Type	Surface Mount
	Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
Supplier Device Package CPT3	Supplier Device Package	CPT3
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2SC5001TLQ 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.

2SC5001TLQ Payment Methods





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