

TIP127-BP

TIP127-BP Information

	Part Number	TIP127-BP
-	Manufacturer	Micro Commercial Co
www.heismer.com	Category	Discrete Semiconductor Products Transistors - Bipolar (BJT) - Single
	Description	TRANS PNP DARL 100V 5A TO-220
	Package	TO-220-3
		For the pricing/inventory/lead time, please contact us
For Reference Only		Website: https://www.heisener.com E-mail: salesdept@heisener.com



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Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



TIP127-BP Specifications

Manufacturer Part NumberTIP127-BPManufacturerMicro Commercial CoCategoryDiscrete Semiconductor ProductsTransistors - Bipolar (BJT) - SinglePackageTO-220-3Series-Transistor TypePNP - DarlingtonCurrent - Collector (Ic) (Max)5AVoltage - Collector Emitter Breakdown (Max)100VVce Saturation (Max) @ Ib, Ic4V @ 20mA, 5ACurrent - Collector Cutoff (Max)500μADC Current Gain (hFE) (Min) @ Ic, Vce1000 @ 3A, 3VPower - Max2WFrequency - Transition-Operating Temperature150°C (TJ)Mounting TypeThrough Hole		
CategoryDiscrete Semiconductor ProductsTransistors - Bipolar (BJT) - SinglePackageTO-220-3Series-Transistor TypePNP - DarlingtonCurrent - Collector (Ic) (Max)5AVoltage - Collector Emitter Breakdown (Max)100VVcc Saturation (Max) @ Ib, Ic4V @ 20mA, 5ACurrent - Collector Cutoff (Max)500µADC Current Gain (hFE) (Min) @ Ic, Vce1000 @ 3A, 3VPower - Max2WFrequency - Transition-Operating Temperature150°C (TJ)	Manufacturer Part Number	TIP127-BP
Frequency - TransitionTransistor S - Bipolar (BJT) - SinglePackageTO-220-3Series-Transistor TypePNP - DarlingtonCurrent - Collector (Ic) (Max)5AVoltage - Collector Emitter Breakdown (Max)100VVce Saturation (Max) @ Ib, Ic4V @ 20mA, 5ACurrent - Collector Cutoff (Max)500µADC Current Gain (hFE) (Min) @ Ic, Vce1000 @ 3A, 3VPower - Max2WFrequency - Transition-Operating Temperature150°C (TJ)	Manufacturer	Micro Commercial Co
PackageTO-220-3Series-Transistor TypePNP - DarlingtonCurrent - Collector (Ic) (Max)5AVoltage - Collector Emitter Breakdown (Max)100VVce Saturation (Max) @ Ib, Ic4V @ 20mA, 5ACurrent - Collector Cutoff (Max)500µADC Current Gain (hFE) (Min) @ Ic, Vce1000 @ 3A, 3VPower - Max2WFrequency - Transition-Operating Temperature150°C (TJ)	Category	Discrete Semiconductor Products
Series-Transistor TypePNP - DarlingtonCurrent - Collector (Ic) (Max)5AVoltage - Collector Emitter Breakdown (Max)100VVce Saturation (Max) @ Ib, Ic4V @ 20mA, 5ACurrent - Collector Cutoff (Max)500µADC Current Gain (hFE) (Min) @ Ic, Vce1000 @ 3A, 3VPower - Max2WFrequency - Transition-Operating Temperature150°C (TJ)		Transistors - Bipolar (BJT) - Single
Transistor TypePNP - DarlingtonCurrent - Collector (Ic) (Max)5AVoltage - Collector Emitter Breakdown (Max)100VVce Saturation (Max) @ Ib, Ic4V @ 20mA, 5ACurrent - Collector Cutoff (Max)500µADC Current Gain (hFE) (Min) @ Ic, Vce1000 @ 3A, 3VPower - Max2WFrequency - Transition-Operating Temperature150°C (TJ)	Package	TO-220-3
Current - Collector (Ic) (Max)5AVoltage - Collector Emitter Breakdown (Max)100VVce Saturation (Max) @ Ib, Ic4V @ 20mA, 5ACurrent - Collector Cutoff (Max)500µADC Current Gain (hFE) (Min) @ Ic, Vce1000 @ 3A, 3VPower - Max2WFrequency - Transition-Operating Temperature150°C (TJ)	Series	-
Voltage - Collector Emitter Breakdown (Max)100VVce Saturation (Max) @ Ib, Ic4V @ 20mA, 5ACurrent - Collector Cutoff (Max)500µADC Current Gain (hFE) (Min) @ Ic, Vce1000 @ 3A, 3VPower - Max2WFrequency - Transition-Operating Temperature150°C (TJ)	Transistor Type	PNP - Darlington
Vce Saturation (Max) @ Ib, Ic4V @ 20mA, 5ACurrent - Collector Cutoff (Max)500µADC Current Gain (hFE) (Min) @ Ic, Vce1000 @ 3A, 3VPower - Max2WFrequency - Transition-Operating Temperature150°C (TJ)	Current - Collector (Ic) (Max)	5A
Current - Collector Cutoff (Max)500μADC Current Gain (hFE) (Min) @ Ic, Vce1000 @ 3A, 3VPower - Max2WFrequency - Transition-Operating Temperature150°C (TJ)	Voltage - Collector Emitter Breakdown (Max)	100V
DC Current Gain (hFE) (Min) @ Ic, Vce1000 @ 3A, 3VPower - Max2WFrequency - Transition-Operating Temperature150°C (TJ)	Vce Saturation (Max) @ Ib, Ic	4V @ 20mA, 5A
Power - Max2WFrequency - Transition-Operating Temperature150°C (TJ)	Current - Collector Cutoff (Max)	500μΑ
Frequency - Transition-Operating Temperature150°C (TJ)	DC Current Gain (hFE) (Min) @ Ic, Vce	1000 @ 3A, 3V
Operating Temperature 150°C (TJ)	Power - Max	2W
	Frequency - Transition	-
Mounting Type Through Hole	Operating Temperature	150°C (TJ)
	Mounting Type	Through Hole
Package / Case TO-220-3	Package / Case	TO-220-3
Supplier Device Package TO-220	Supplier Device Package	TO-220
Report error		Report errors?

TIP127-BP 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.



If you have any question about TIP127-BP, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com