

# **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