

TIP42C-BP

TIP42C-BP Information

	Part Number	TIP42C-BP
-	Manufacturer	Micro Commercial Co
www.heismer.com	Category	Discrete Semiconductor Products Transistors - Bipolar (BJT) - Single
A P	Description	TRANS PNP 100V 6A 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

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TIP42C-BP Specifications

Manufacturer Part NumberTIP42C-BPManufacturerMicro Commercial CoCategoryDiscrete Semiconductor ProductsTransistor - Bipolar (BJT) - SinglePackageTO-220-3Series-Transistor TypePNPCurrent - Collector (Lo) (Max)6AVoltage - Collector Emitter Breakdown (Max)100VVoce Saturation (Max) @ Ib, Ic1.5V @ 600mA, 6ACurrent - Collector Cutoff (Max)700µAPower - Max2WPrequency - Transition3MHzOperating Temperature15° C (TJ)Mounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220-3		
CategoryDiscrete Semiconductor ProductsTransistors - Bipolar (BJT) - SinglePackageTO-220-3Series-Transistor TypePNPCurrent - Collector (Lc) (Max)6AVoltage - Collector Emitter Breakdown (Max)100VVce Saturation (Max) @ Ib, Ic1.5V @ 600mA, 6ACurrent - Collector Cutoff (Max)700µAPower - Max2WFrequency - Transition3MHzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220	Manufacturer Part Number	TIP42C-BP
Transistors - Bipolar (BJT) - SinglePackageTO-220-3Series-Transistor TypePNPCurrent - Collector (Ic) (Max)6AVoltage - Collector Emitter Breakdown (Max)100VVcc Saturation (Max) @ Ib, Ic1.5V @ 600mA, 6ACurrent - Collector Cutoff (Max)700µADC Current Gain (hFE) (Min) @ Ic, Vce15 @ 3A, 4VPower - Max2WFrequency - Transition3MHzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220	Manufacturer	Micro Commercial Co
PackageTO-220-3Series-Transistor TypePNPCurrent - Collector (Ic) (Max)6AVoltage - Collector Emitter Breakdown (Max)100VVce Saturation (Max) @ Ib, Ic1.5V @ 600mA, 6ACurrent - Collector Cutoff (Max)700µADC Current Gain (hFE) (Min) @ Ic, Vce15 @ 3A, 4VPower - Max2WFrequency - Transition3MHzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220	Category	Discrete Semiconductor Products
Series-StriesPNPCurrent - Collector (Ic) (Max)6AVoltage - Collector Emitter Breakdown (Max)100VVce Saturation (Max) @ Ib, Ic1.5V @ 600mA, 6ACurrent - Collector Cutoff (Max)700µADC Current Gain (hFE) (Min) @ Ic, Vce15 @ 3A, 4VPower - Max2WFrequency - Transition3MHzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220		Transistors - Bipolar (BJT) - Single
Transistor TypePNPCurrent - Collector (Lo) (Max)6AVoltage - Collector Emitter Breakdown (Max)100VVce Saturation (Max) @ Ib, Ic1.5V @ 600mA, 6ACurrent - Collector Cutoff (Max)700µADC Current Gain (hFE) (Min) @ Ic, Vce15 @ 3A, 4VPower - Max2WFrequency - Transition3MHzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220	Package	TO-220-3
Current - Collector (Ic) (Max)6AVoltage - Collector Emitter Breakdown (Max)100VVce Saturation (Max) @ Ib, Ic1.5V @ 600mA, 6ACurrent - Collector Cutoff (Max)700µADC Current Gain (hFE) (Min) @ Ic, Vce15 @ 3A, 4VPower - Max2WFrequency - Transition3MHzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220	Series	-
Voltage - Collector Emitter Breakdown (Max)100VVce Saturation (Max) @ Ib, Ic1.5V @ 600mA, 6ACurrent - Collector Cutoff (Max)700μADC Current Gain (hFE) (Min) @ Ic, Vce15 @ 3A, 4VPower - Max2WFrequency - Transition3MHzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220	Transistor Type	PNP
Yce Saturation (Max) @ Ib, Ic1.5V @ 600mA, 6ACurrent - Collector Cutoff (Max)700μADC Current Gain (hFE) (Min) @ Ic, Vce15 @ 3A, 4VPower - Max2WFrequency - Transition3MHzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220	Current - Collector (Ic) (Max)	6A
Current - Collector Cutoff (Max)700μADC Current Gain (hFE) (Min) @ Ic, Vce15 @ 3A, 4VPower - Max2WFrequency - Transition3MHzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220	Voltage - Collector Emitter Breakdown (Max)	100V
DC Current Gain (hFE) (Min) @ Ic, Vce15 @ 3A, 4VPower - Max2WFrequency - Transition3MHzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220	Vce Saturation (Max) @ Ib, Ic	1.5V @ 600mA, 6A
Power - Max2WFrequency - Transition3MHzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220	Current - Collector Cutoff (Max)	700µA
Frequency - Transition3MHzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220	DC Current Gain (hFE) (Min) @ Ic, Vce	15 @ 3A, 4V
Operating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220	Power - Max	2W
Mounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220	Frequency - Transition	3MHz
Package / CaseTO-220-3Supplier Device PackageTO-220	Operating Temperature	150°C (TJ)
Supplier Device Package TO-220	Mounting Type	Through Hole
	Package / Case	TO-220-3
Papert arrors?	Supplier Device Package	TO-220
Report errors:		Report errors?

TIP42C-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 TIP42C-BP, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com