

PBHV8115Z,115

PBHV8115Z,115 Information

	Part Number	PBHV8115Z,115
HWW.helsener.com	Manufacturer	Nexperia USA Inc.
	Category	Discrete Semiconductor Products Transistors - Bipolar (BJT) - Single
	Description	TRANS NPN 150V 1A SOT223
	Package	TO-261-4, TO-261AA
		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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PBHV8115Z,115 Specifications

Transistors - Bipolar (BJT) - SinglePackageTO-261-4, TO-261AASeries-Transistor TypeNPNCurrent - Collector (Le) (Max)1AVoltage - Collector Emitter Breakdown (Max)150VVce Saturation (Max) @ Ib, Le350mV @ 200mA, 1ACurrent - Collector Cutoff (Max)100nADC Current Gain (hFE) (Min) @ Le, Vce50 @ 500mA, 10VPower - Max1.4WFrequency - Transition30MHzOperating Temperature150°C (TJ)Mounting TypeSurface Mount		
CategoryDiscrete Semiconductor ProductsTransistors - Bipolar (BJT) - SinglePackageTO-261-4, TO-261AASeries-Transistor TypeNPNCurrent - Collector (Ic) (Max)1AVoltage - Collector Emitter Breakdown (Max)150VVce Saturation (Max) @ Ib, Ic350mV @ 200mA, 1ACurrent - Collector Cutoff (Max)100nADC Current Gain (hFE) (Min) @ Ic, Vce50 @ 500mA, 10VPower - Max1.4WFrequency - Transition30MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223	Manufacturer Part Number	PBHV8115Z,115
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PackageTO-261-4, TO-261AASeries-Transistor TypeNPNCurrent - Collector (Ic) (Max)1AVoltage - Collector Emitter Breakdown (Max)150VVce Saturation (Max) @ Ib, Ic350mV @ 200mA, 1ACurrent - Collector Cutoff (Max)100nADC Current Gain (hFE) (Min @ Ic, Vce50 @ 500mA, 10VPower - Max1.4WFrequency - Transition30MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSUT-223	Category	Discrete Semiconductor Products
Series-Transistor TypeNPNCurrent - Collector (Ic) (Max)IAVoltage - Collector Emitter Breakdown (Max)150VVce Saturation (Max) @ Ib, Ic350mV @ 200mA, 1ACurrent - Collector Cutoff (Max)100nADC Current Gain (hFE) (Min) @ Ic, Vce50 @ 500mA, 10VPower - Max1.4WFrequency - Transition30MHzOperating TemperatureIs0°C (TJ)Mounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223		Transistors - Bipolar (BJT) - Single
Transistor TypeNPNCurrent - Collector (Ix) (Max)1AVoltage - Collector Emitter Breakdown (Max)150VVce Saturation (Max) @ Ib, Ic350mV @ 200mA, 1ACurrent - Collector Cutoff (Max)100nADC Current Gain (hFE) (Min) @ Ic, Vce50 @ 500mA, 10VPower - Max1.4WFrequency - Transition30MHzOperating Temperature50°C (TJ)Mounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223	Package	TO-261-4, TO-261AA
Current - Collector (Ic) (Max)1AVoltage - Collector Emitter Breakdown (Max)150VVce Saturation (Max) @ Ib, Ic350mV @ 200mA, 1ACurrent - Collector Cutoff (Max)100nADC Current Gain (hFE) (Min) @ Ic, Vce50 @ 500mA, 10VPower - Max1.4WFrequency - Transition30MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223	Series	-
Voltage - Collector Emitter Breakdown (Max)150VVce Saturation (Max) @ Ib, Ic350mV @ 200mA, 1ACurrent - Collector Cutoff (Max)100nADC Current Gain (hFE) (Min) @ Ic, Vce50 @ 500mA, 10VPower - Max1.4WFrequency - Transition30MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223	Transistor Type	NPN
Vce Saturation (Max) @ Ib, Ic350mV @ 200mA, 1ACurrent - Collector Cutoff (Max)100nADC Current Gain (hFE) (Min) @ Ic, Vce50 @ 500mA, 10VPower - Max1.4WFrequency - Transition30MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223	Current - Collector (Ic) (Max)	1A
Current - Collector Cutoff (Max)100nADC Current Gain (hFE) (Min) @ Ic, Vce50 @ 500mA, 10VPower - Max1.4WFrequency - Transition30MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223	Voltage - Collector Emitter Breakdown (Max)	150V
DC Current Gain (hFE) (Min) @ Ic, Vce50 @ 500mA, 10VPower - Max1.4WFrequency - Transition30MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223	Vce Saturation (Max) @ Ib, Ic	350mV @ 200mA, 1A
Power - Max1.4WFrequency - Transition30MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223	Current - Collector Cutoff (Max)	100nA
Frequency - Transition30MHzOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223	DC Current Gain (hFE) (Min) @ Ic, Vce	50 @ 500mA, 10V
Operating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223	Power - Max	1.4W
Mounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223	Frequency - Transition	30MHz
Package / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223	Operating Temperature	150°C (TJ)
Supplier Device Package SOT-223	Mounting Type	Surface Mount
	Package / Case	TO-261-4, TO-261AA
Report errors?	Supplier Device Package	SOT-223
		Report errors?

PBHV8115Z,115 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 Guarantees

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

PBHV8115Z,115 Payment Methods



PBHV8115Z,115 Shipping Methods



If you have any question about PBHV8115Z,115, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com