

KSB596O

KSB596O Information

	Part Number	KSB596O
	Manufacturer	Fairchild/ON Semiconductor
www.helses.com	Category	Discrete Semiconductor Products Transistors - Bipolar (BJT) - Single
	Description	TRANS PNP 80V 4A TO-220
ll	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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KSB596O Specifications

Manufacturer Part NumberKSB5960ManufacturerFairchild/ON SemiconductorCategoryDiscrete Semiconductor ProductsTransistors - Bipolar (BJT) - SinglePackageTo-220-3Series-Transistor TypePNPCurrent - Collector (Ir) (Max)80VVoltage - Collector Emitter Breakdown (Max)80VVec Saturation (Max) @ Ib, Ic1.7V @ 300mA, 3ACurrent - Collector Cutoff (Max)70µA (ICBO)DC current Gain (hFE) (Min) @ Ic, Vce30WPower - Max30WFrequency - TransitionJinZOperating Type150°C (TJ)Mounting TypeThough HolePackage / Case70-220-3Store CaseTo-220-3Mauting TypeThough Hole		
CategoryDiscrete Semiconductor ProductsTransistors - Bipolar (BJT) - SinglePackageTO-220-3Series-Transistor TypePNPCurrent - Collector (Lc) (Max)4AVoltage - Collector Emitter Breakdown (Max)80VVce Saturation (Max) @ Ib, Ic1.7V @ 300mA, 3ACurrent - Collector Cutoff (Max)70µA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce30WPower - Max30WFrequency - Transition3MHzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220-3	Manufacturer Part Number	KSB596O
Transistors - Bipolar (BJT) - SinglePackageTO-220-3Series-Transistor TypePNPCurrent - Collector (Ic) (Max)4AVoltage - Collector Emitter Breakdown (Max)80VVce Saturation (Max) @ Ib, Ic1.7V @ 300mA, 3ACurrent - Collector Cutoff (Max)70µA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce30WPower - Max30WFrequency - Transition3MHzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220-3	Manufacturer	Fairchild/ON Semiconductor
PackageTO-220-3Series-Transistor TypePNPCurrent - Collector (Ic) (Max)4AVoltage - Collector Emitter Breakdown (Max)80VVce Saturation (Max) @ Ib, Ic1.7V @ 300mA, 3ACurrent - Collector Cutoff (Max)70µA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce30WPower - Max30WFrequency - Transition30HzOperating Temperature150°C (TJ)Mouting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220-3	Category	Discrete Semiconductor Products
Series-Fransistor TypePNPCurrent - Collector (Lo) (Max)4AVoltage - Collector Emitter Breakdown (Max)80VVce Saturation (Max) @ Ib, Ic1.7V @ 300mA, 3ACurrent - Collector Cutoff (Max)70µA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce70 @ 500mA, 5VPower - Max30WFrequency - Transition3MHzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220-3		Transistors - Bipolar (BJT) - Single
Transistor TypePNPCurrent - Collector (Lo (Max)4AVoltage - Collector Emitter Breakdown (Max)80VVce Saturation (Max) @ Ib, Ic1.7V @ 300mA, 3ACurrent - Collector Cutoff (Max)70µA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce70 @ 500mA, 5VPower - Max30WFrequency - Transition3MHzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220-3	Package	ТО-220-3
Current - Collector (Ic) (Max)4AVoltage - Collector Emitter Breakdown (Max)80VVcc Saturation (Max) @ Ib, Ic1.7V @ 300mA, 3ACurrent - Collector Cutoff (Max)70µA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce70 @ 500mA, 5VPower - Max30WFrequency - Transition30HzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220-3	Series	-
Voltage - Collector Emitter Breakdown (Max)80VVce Saturation (Max) @ Ib, Ic1.7V @ 300mA, 3ACurrent - Collector Cutoff (Max)70µA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce70 @ 500mA, 5VPower - Max30WFrequency - Transition30HzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220-3	Transistor Type	PNP
Vce Saturation (Max) @ Ib, Ic1.7V @ 300mA, 3ACurrent - Collector Cutoff (Max)70μA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce70 @ 500mA, 5VPower - Max30WFrequency - Transition30WOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220-3	Current - Collector (Ic) (Max)	4A
Current - Collector Cutoff (Max)70μA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce70 @ 500mA, 5VPower - Max30WFrequency - Transition30HzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220-3	Voltage - Collector Emitter Breakdown (Max)	80V
DC Current Gain (hFE) (Min) @ Ic, Vce70 @ 500mA, 5VPower - Max30WFrequency - Transition3MHzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220-3	Vce Saturation (Max) @ Ib, Ic	1.7V @ 300mA, 3A
Power - Max30WFrequency - Transition3MHzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220-3	Current - Collector Cutoff (Max)	70μA (ICBO)
Frequency - Transition3MHzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220-3	DC Current Gain (hFE) (Min) @ Ic, Vce	70 @ 500mA, 5V
Operating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220-3	Power - Max	30W
Mounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220-3	Frequency - Transition	3MHz
Package / CaseTO-220-3Supplier Device PackageTO-220-3	Operating Temperature	150°C (TJ)
Supplier Device Package TO-220-3	Mounting Type	Through Hole
	Package / Case	ТО-220-3
Descent survey	Supplier Device Package	ТО-220-3
Report errors?		Report errors?

KSB596O 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 KSB596O, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com