

KSC2500BTA

KSC2500BTA Information

www.benepher.com	Part Number Manufacturer Category Description Package	KSC2500BTA Fairchild/ON Semiconductor Discrete Semiconductor Products Transistors - Bipolar (BJT) - Single TRANS NPN 10V 2A TO-92L TO-226-3, TO-92-3 Long Body (Formed Leads) For the pricing/inventory/lead time, please contact	
For Reference Only		us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

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KSC2500BTA Specifications

ManufacturerFairchild/ON SemiconductorCategoryDiscrete Semiconductor ProductsTransistors - Bipolar (BJT) - SinglePackageTO-226-3, TO-92-3 Long Body (Formed Leads)Series-Transistor TypeNPNCurrent - Collector (Lo (Max)2AVoltage - Collector Emitter Breakdown (Max)10VVce Saturation (Max) @ Ib, Ic500mV @ 50mA, 2ACurrent - Collector Cutoff (Max)100nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce200 @ 500mA, 1VPower - Max900mWFrequency - Transition150MHzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 Long Body (Formed Leads)Supplier Device PackageTO-92-3			
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Transistor TypeNPNCurrent - Collector (Lo) (Max)2AVoltage - Collector Emitter Breakdown (Max)10VVce Saturation (Max) @ Ib, Ic500mV @ 50mA, 2ACurrent - Collector Cutoff (Max)100nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce200 @ 500mA, 1VPower - Max900mWFrequency - Transition150MHzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 Long Body (Formed Leads)Supplier Device PackageTO-92-3	Package	TO-226-3, TO-92-3 Long Body (Formed Leads)	
Current - Collector (Ic) (Max)2AVoltage - Collector Emitter Breakdown (Max)10VVce Saturation (Max) @ Ib, Ic500mV @ 50mA, 2ACurrent - Collector Cutoff (Max)100nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce200 @ 500mA, 1VPower - Max900mWFrequency - Transition150MHzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 Long Body (Formed Leads)Supplier Device PackageTO-92-3	Series	-	
Voltage - Collector Emitter Breakdown (Max)10VVce Saturation (Max) @ Ib, Ic500mV @ 50mA, 2ACurrent - Collector Cutoff (Max)100nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce200 @ 500mA, 1VPower - Max900mWPower - Max900mWFrequency - Transition150MHzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 Long Body (Formed Leads)Supplier Device PackageTO-92-3	Transistor Type	NPN	
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Current - Collector Cutoff (Max)100nA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce200 @ 500mA, 1VPower - Max900mWFrequency - Transition150MHzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 Long Body (Formed Leads)Supplier Device PackageTO-92-3	Voltage - Collector Emitter Breakdown (Max)	10V	
DC Current Gain (hFE) (Min) @ Ic, Vce200 @ 500mA, 1VPower - Max900mWFrequency - Transition150MHzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 Long Body (Formed Leads)Supplier Device PackageTO-92-3	Vce Saturation (Max) @ Ib, Ic	500mV @ 50mA, 2A	
Power - Max900mWFrequency - Transition150MHzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 Long Body (Formed Leads)Supplier Device PackageTO-92-3	Current - Collector Cutoff (Max)	100nA (ICBO)	
Frequency - Transition150MHzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 Long Body (Formed Leads)Supplier Device PackageTO-92-3	DC Current Gain (hFE) (Min) @ Ic, Vce	200 @ 500mA, 1V	
Operating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 Long Body (Formed Leads)Supplier Device PackageTO-92-3	Power - Max	900mW	
Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 Long Body (Formed Leads)Supplier Device PackageTO-92-3	Frequency - Transition	150MHz	
Package / CaseTO-226-3, TO-92-3 Long Body (Formed Leads)Supplier Device PackageTO-92-3	Operating Temperature	150°C (TJ)	
Supplier Device Package TO-92-3	Mounting Type	Through Hole	
	Package / Case	TO-226-3, TO-92-3 Long Body (Formed Leads)	
Report errors?	Supplier Device Package	TO-92-3	
		Report errors?	

KSC2500BTA 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.

KSC2500BTA Payment Methods



KSC2500BTA Shipping Methods



If you have any question about KSC2500BTA, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com