



2SA1020-Y(T6TR,A,F Information



For Reference Only

Part Number 2SA1020-Y(T6TR,A,F

ManufacturerToshiba Semiconductor and StorageCategoryDiscrete Semiconductor Products
Transistors - Bipolar (BJT) - Single

Description TRANS PNP 2A 50V TO226-3 **Package** TO-226-3, TO-92-3 Long Body

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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2SA1020-Y(T6TR,A,F Specifications

Manufacturer Part Number Manufacturer Toshiba Semiconductor and Storage Discrete Semiconductor Products Transistors - Bipolar (BJT) - Single Package TO-226-3, TO-92-3 Long Body Series - Transistor Type Current - Collector (Ic) (Max) Voltage - Collector Emitter Breakdown (Max) Vee Saturation (Max) @ Ib, Ic Current - Collector Cutoff (Max) DC Current Gain (hFE) (Min) @ Ic, Vce Power - Max Frequency - Transition Operating Temperature Mounting Type Package / Case TO-226-3, TO-92-3 Long Body To-92MOD Report errors?		
CategoryDiscrete Semiconductor ProductsPackageTO-226-3, TO-92-3 Long BodySeries-Transistor TypePNPCurrent - Collector (Ic) (Max)2AVoltage - Collector Emitter Breakdown (Max)50VVce Saturation (Max) @ Ib, Ic500mV @ 50mA, 1ACurrent - Collector Cutoff (Max)1μA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce70 @ 500mA, 2VPower - Max900mWFrequency - Transition100MHzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 Long BodySupplier Device PackageTO-92MOD	Manufacturer Part Number	2SA1020-Y(T6TR,A,F
Transistors - Bipolar (BJT) - Single TO-226-3, TO-92-3 Long Body Series - Transistor Type PNP Current - Collector (Ic) (Max) Voltage - Collector Emitter Breakdown (Max) Vce Saturation (Max) @ Ib, Ic Current - Collector Cutoff (Max) DC Current Gain (hFE) (Min) @ Ic, Vce To @ 500mA, 2V Power - Max Power - Max Prequency - Transition 100MHz Operating Temperature 150°C (TJ) Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 Long Body Supplier Device Package	Manufacturer	Toshiba Semiconductor and Storage
Package TO-226-3, TO-92-3 Long Body Series - Transistor Type PNP Current - Collector (Ic) (Max) Voltage - Collector Emitter Breakdown (Max) Vee Saturation (Max) @ Ib, Ic Somv @ 50mA, 1A Current - Collector Cutoff (Max) DC Current Gain (hFE) (Min) @ Ic, Vce Power - Max Power - Max 900mW Frequency - Transition 100MHz Operating Temperature 150°C (TJ) Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 Long Body Supplier Device Package	Category	Discrete Semiconductor Products
Series - Transistor Type PNP Current - Collector (Ic) (Max) 2A Voltage - Collector Emitter Breakdown (Max) 50V Vce Saturation (Max) @ Ib, Ic 500mV @ 50mA, 1A Current - Collector Cutoff (Max) 1μA (ICBO) DC Current Gain (hFE) (Min) @ Ic, Vce 70 @ 500mA, 2V Power - Max 900mW Frequency - Transition 100MHz Operating Temperature 150°C (TJ) Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 Long Body Supplier Device Package TO-92MOD		Transistors - Bipolar (BJT) - Single
Transistor Type Current - Collector (Ic) (Max) Voltage - Collector Emitter Breakdown (Max) Vce Saturation (Max) @ Ib, Ic Current - Collector Cutoff (Max) DC Current Gain (hFE) (Min) @ Ic, Vce Power - Max Power - Max Frequency - Transition Operating Temperature Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 Long Body Supplier Device Package TO-92MOD	Package	TO-226-3, TO-92-3 Long Body
Current - Collector (Ic) (Max) Voltage - Collector Emitter Breakdown (Max) Vce Saturation (Max) @ Ib, Ic 500mV @ 50mA, 1A Current - Collector Cutoff (Max) DC Current Gain (hFE) (Min) @ Ic, Vce 70 @ 500mA, 2V Power - Max 900mW Frequency - Transition 100MHz Operating Temperature 150°C (TJ) Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 Long Body Supplier Device Package TO-92MOD	Series	-
Voltage - Collector Emitter Breakdown (Max)50VVce Saturation (Max) @ Ib, Ic500mV @ 50mA, 1ACurrent - Collector Cutoff (Max)1μA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce70 @ 500mA, 2VPower - Max900mWFrequency - Transition100MHzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 Long BodySupplier Device PackageTO-92MOD	Transistor Type	PNP
Vce Saturation (Max) @ Ib, Ic500mV @ 50mA, 1ACurrent - Collector Cutoff (Max)1μA (ICBO)DC Current Gain (hFE) (Min) @ Ic, Vce70 @ 500mA, 2VPower - Max900mWFrequency - Transition100MHzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 Long BodySupplier Device PackageTO-92MOD	Current - Collector (Ic) (Max)	2A
Current - Collector Cutoff (Max) DC Current Gain (hFE) (Min) @ Ic, Vce 70 @ 500mA, 2V Power - Max 900mW Frequency - Transition 100MHz Operating Temperature 150°C (TJ) Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 Long Body Supplier Device Package	Voltage - Collector Emitter Breakdown (Max)	50V
DC Current Gain (hFE) (Min) @ Ic, Vce 70 @ 500mA, 2V Power - Max 900mW Frequency - Transition 100MHz Operating Temperature 150°C (TJ) Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 Long Body Supplier Device Package TO-92MOD	Vce Saturation (Max) @ Ib, Ic	500mV @ 50mA, 1A
Power - Max 900mW Frequency - Transition 100MHz Operating Temperature 150°C (TJ) Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 Long Body Supplier Device Package TO-92MOD	Current - Collector Cutoff (Max)	1μA (ICBO)
Frequency - Transition 100MHz Operating Temperature 150°C (TJ) Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 Long Body Supplier Device Package TO-92MOD	DC Current Gain (hFE) (Min) @ Ic, Vce	70 @ 500mA, 2V
Operating Temperature 150°C (TJ) Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 Long Body Supplier Device Package TO-92MOD	Power - Max	900mW
Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 Long Body Supplier Device Package TO-92MOD	Frequency - Transition	100MHz
Package / Case TO-226-3, TO-92-3 Long Body Supplier Device Package TO-92MOD	Operating Temperature	150°C (TJ)
Supplier Device Package TO-92MOD	Mounting Type	Through Hole
	Package / Case	TO-226-3, TO-92-3 Long Body
Report errors?	Supplier Device Package	TO-92MOD
		Report errors?

2SA1020-Y(T6TR,A,F 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.

2SA1020-Y(T6TR,A,F Payment Methods



















2SA1020-Y(T6TR,A,F Shipping Methods













If you have any question about 2SA1020-Y(T6TR,A,F, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com