

2N5680

2N5680 Information



Part Number	2N5680	
Manufacturer	Microsemi Corporation	
Category	Discrete Semiconductor Products Transistors - Bipolar (BJT) - Single	
Description	TRANS PNP 120V 1A TO-39	
Package	TO-205AD, TO-39-3 Metal Can	
	For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com	



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2N5680 Specifications

Manufacturer Part Number2N5680ManufacturerMicrosemi CorporationCategoryDiscrete Semiconductor ProductsTransistors - Bipolar (BJT) - SinglePackageTO-205AD, TO-39-3 Metal CanSeries-Transistor TypePNPCurrent - Collector (Ic) (Max)IAVoltage - Collector Emitter Breakdown (Max)120VVotage - Collector Cutoff (Max)IV@ 50mA, 500mACurrent - Collector Cutoff (Max)IV@ 50mA, 20VPower - MaxIWFrequency - Transition-Operating Temperature-5°C ~ 200°C (TJ)Mounting TypeThrough HolePackage / CaseTO-205AD, TO-39-3 Metal CanSupplier Device PackageTO-205AD, TO-39-3 Metal Can		
CategoryDiscrete Semiconductor ProductsTransistors - Bipolar (BJT) - SinglePackageTO-205AD, TO-39-3 Metal CanSeries-Transistor TypePNPCurrent - Collector (Ic) (Max)1AVoltage - Collector Emitter Breakdown (Max)120VVce Saturation (Max) @ Ib, Ic10µACurrent - Collector Cutoff (Max)10µADC Current Gain (hFE) (Min) @ Ic, Vce40 @ 250mA, 20VPower - MaxINFrequency - Transition-Operating Temperature-50°C ~ 200°C (TJ)Mounting TypeThrough HolePackage / CaseTO-205AD, TO-39-3 Metal CanSupplier Device PackageTO-205AD, TO-39-3 Metal Can	Manufacturer Part Number	2N5680
Transistors - Bipolar (BJT) - SinglePackageTO-205AD, TO-39-3 Metal CanSeries-Transistor TypePNPCurrent - Collector (Ic) (Max)1AVoltage - Collector Emitter Breakdown (Max)120VVce Saturation (Max) @ Ib, Ic1V @ 50mA, 500mACurrent - Collector Cutoff (Max)10µADC Current Gain (hFE) (Min) @ Ic, Vce40 @ 250mA, 2VPower - Max1WFrequency - Transition-Operating Temperature-65°C ~ 200°C (TJ)Mounting TypeThrough HolePackage / CaseTO-205AD, TO-39-3 Metal CanSupplier Device PackageTO-39 (TO-205AD)	Manufacturer	Microsemi Corporation
PackageTO-205AD, TO-39-3 Metal CanSeries-Transistor TypePNPCurrent - Collector (Ic) (Max)1AVoltage - Collector Emitter Breakdown (Max)120VVce Saturation (Max) @ Ib, Ic1V @ 50mA, 500mACurrent - Collector Cutoff (Max)10µADC Current Gain (hFE) (Min) @ Ic, Vce40 @ 250mA, 2VPower - MaxIWFrequency - Transition-Operating Temperature-65°C ~ 200°C (TJ)Mounting TypeThrough HolePackage / CaseTO-205AD, TO-39-3 Metal CanSupplier Device PackageTO-39 (TO-205AD)	Category	Discrete Semiconductor Products
Series-Stries-Transistor TypePNPCurrent - Collector (Ic) (Max)1AVoltage - Collector Emitter Breakdown (Max)120VVcc Saturation (Max) @ Ib, Ic1V @ 50mA, 500mACurrent - Collector Cutoff (Max)10µADC Current Gain (hFE) (Min) @ Ic, Vce40 @ 250mA, 2VPower - Max1WFrequency - Transition-Operating Temperature-65°C ~ 200°C (TJ)Mounting TypeThrough HolePackage / CaseTO-205AD, TO-39-3 Metal CanSupplier Device PackageTO-39 (TO-205AD)		Transistors - Bipolar (BJT) - Single
Transistor TypePNPTransistor TypeIACurrent - Collector (L) (Max)I20VVoltage - Collector Emitter Breakdown (Max)I20VVce Saturation (Max) @ Ib, IcIV @ 50mA, 500mACurrent - Collector Cutoff (Max)I0µADC Current Gain (hFE) (Min @ Ic, Vce40 @ 250mA, 2VPower - MaxIWFrequency - Transition-Operating Temperature-65°C ~ 200°C (TJ)Mounting TypeThrough HolePackage / CaseTO-205AD, TO-39-3 Metal CanSupplier Device PackageTO-39 (TO-205AD)	Package	TO-205AD, TO-39-3 Metal Can
Current - Collector (Ic) (Max)IAVoltage - Collector Emitter Breakdown (Max)120VVce Saturation (Max) @ Ib, Ic1V @ 50mA, 500mACurrent - Collector Cutoff (Max)10µADC Current Gain (hFE) (Min) @ Ic, Vce40 @ 250mA, 2VPower - Max1WFrequency - Transition-Operating Temperature-65°C ~ 200°C (TJ)Mounting TypeThrough HolePackage / CaseTO-205AD, TO-39-3 Metal CanSupplier Device PackageTO-39 (TO-205AD)	Series	-
Voltage - Collector Emitter Breakdown (Max)120VVce Saturation (Max) @ Ib, Ic1V @ 50mA, 500mACurrent - Collector Cutoff (Max)10µADC Current Gain (hFE) (Min) @ Ic, Vce40 @ 250mA, 2VPower - Max1WFrequency - Transition-Operating Temperature-65°C ~ 200°C (TJ)Mounting TypeThrough HolePackage / CaseTO-205AD, TO-39-3 Metal CanSupplier Device PackageTO-39 (TO-205AD)	Transistor Type	PNP
Vce Saturation (Max) @ Ib, IcIV @ 50mA, 500mACurrent - Collector Cutoff (Max)10μADC Current Gain (hFE) (Min) @ Ic, Vce40 @ 250mA, 2VPower - MaxIWFrequency - Transition-Operating Temperature-65°C ~ 200°C (TJ)Mounting TypeThrough HolePackage / CaseTO-205AD, TO-39-3 Metal CanSupplier Device PackageTO-39 (TO-205AD)	Current - Collector (Ic) (Max)	1A
Current - Collector Cutoff (Max)10μADC Current Gain (hFE) (Min) @ Ic, Vce40 @ 250mA, 2VPower - Max1WFrequency - Transition-Operating Temperature-Mounting Type65°C ~ 200°C (TJ)Package / CaseThrough HoleSupplier Device PackageTO-39 (TO-205AD)	Voltage - Collector Emitter Breakdown (Max)	120V
DC Current Gain (hFE) (Min) @ Ic, Vce 40 @ 250mA, 2V Power - Max 1W Frequency - Transition - Operating Temperature -65°C ~ 200°C (TJ) Mounting Type Through Hole Package / Case TO-205AD, TO-39-3 Metal Can Supplier Device Package TO-39 (TO-205AD)	Vce Saturation (Max) @ Ib, Ic	1V @ 50mA, 500mA
Power - Max1WFrequency - Transition-Operating Temperature-65°C ~ 200°C (TJ)Mounting TypeThrough HolePackage / CaseTO-205AD, TO-39-3 Metal CanSupplier Device PackageTO-39 (TO-205AD)	Current - Collector Cutoff (Max)	10μΑ
Frequency - Transition-Operating Temperature-65°C ~ 200°C (TJ)Mounting TypeThrough HolePackage / CaseTO-205AD, TO-39-3 Metal CanSupplier Device PackageTO-39 (TO-205AD)	DC Current Gain (hFE) (Min) @ Ic, Vce	40 @ 250mA, 2V
Operating Temperature-65°C ~ 200°C (TJ)Mounting TypeThrough HolePackage / CaseTO-205AD, TO-39-3 Metal CanSupplier Device PackageTO-39 (TO-205AD)	Power - Max	1W
Mounting TypeThrough HolePackage / CaseTO-205AD, TO-39-3 Metal CanSupplier Device PackageTO-39 (TO-205AD)	Frequency - Transition	-
Package / CaseTO-205AD, TO-39-3 Metal CanSupplier Device PackageTO-39 (TO-205AD)	Operating Temperature	-65°C ~ 200°C (TJ)
Supplier Device Package TO-39 (TO-205AD)	Mounting Type	Through Hole
	Package / Case	TO-205AD, TO-39-3 Metal Can
Report errors?	Supplier Device Package	TO-39 (TO-205AD)
		Report errors?

2N5680 Guarantees



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