

MJD44H11G

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MJD44H11G Information

Part I	Number	MJD44H11G
Manu	ıfacturer	ON Semiconductor
Categ	gory	Discrete Semiconductor Products Transistors - Bipolar (BJT) - Single
Descr	ription	TRANS NPN 80V 8A DPAK
Packa	age	TO-252-3, DPak (2 Leads + Tab), SC-63
		For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com



For Reference Only

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



MJD44H11G Specifications

Manufacturer Part Number MJD4H11G Manufacturer ON Semiconductor Category Discrete Semiconductor Products Transistors - Bipolar (BJT) - Single Transistors - Bipolar (BJT) - Single Package TO-252-3, DPak (2 Leads + Tab), SC-63 Series - Transistor Type NPN Current - Collector (Ic) (Max) 8A Voltage - Collector Emitter Breakdown (Max) 80V Voce Saturation (Max) @ Ib, Ic IV@ 400mA, 8A Current - Collector Cutoff (Max) 1µA DC Current Gain (hFE) (Min) @ Ic, Vce 40 @ 4A, IV Power - Max 1.75W Frequency - Transition 85MHz Operating Temperature 55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package DPAK-3		
CategoryDiscrete Semiconductor Products Transistors - Bipolar (BJT) - SinglePackageTO-252-3, DPak (2 Leads + Tab), SC-63Series-Transistor TypeNPNCurrent - Collector (Lc) (Max)8AVoltage - Collector Emitter Breakdown (Max)80VVcc Saturation (Max) @ Ib, IcIV @ 400mA, 8ACurrent - Collector Cutoff (Max)1µADC Current Gain (hFE) (Min) @ Ic, Vce40 @ 4A, 1VPower - Max1.75WFrequency - Transition85MHzOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageDPAK-3	Manufacturer Part Number	MJD44H11G
Transistors - Bipolar (BJT) - Single Package TO-252-3, DPak (2 Leads + Tab), SC-63 Series - Transistor Type NPN Current - Collector (Ic) (Max) 8A Voltage - Collector Emitter Breakdown (Max) 80V Vce Saturation (Max) @ Ib, Ic 1V @ 400mA, 8A Current - Collector Cutoff (Max) 40 @ 4A, 1V PC Current Gain (hFE) (Min) @ Ic, Vce 40 @ 4A, 1V Power - Max 1.75W Frequency - Transition 85MHz Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package DPAK-3	Manufacturer	ON Semiconductor
PackageTO-252-3, DPak (2 Leads + Tab), SC-63Series-Transistor TypeNPNCurrent - Collector (Ic) (Max)8AVoltage - Collector Emitter Breakdown (Max)80VVce Saturation (Max) @ Ib, IcIV @ 400mA, 8ACurrent - Collector Cutoff (Max)1µADC Current Gain (hFE) (Min) @ Ic, Vce40 @ 4A, 1VPower - Max1.75WFrequency - Transition85MHzOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageDPAK-3	Category	Discrete Semiconductor Products
Series-Transistor TypeNPNCurrent - Collector (Ic) (Max)8AVoltage - Collector Emitter Breakdown (Max)80VVcc Saturation (Max) @ Ib, IcIV @ 400mA, 8ACurrent - Collector Cutoff (Max)1µADC Current Gain (hFE) (Min) @ Ic, Vce40 @ 4A, 1VPower - Max1.75WFrequency - Transition85MHzOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageDPAK-3		Transistors - Bipolar (BJT) - Single
Transistor TypeNPNCurrent - Collector (Max)8AVoltage - Collector Emitter Breakdown (Max)80VVce Saturation (Max) @ Ib, Ic1V @ 400mA, 8ACurrent - Collector Cutoff (Max)1µADC Current Gain (hFE) (Min @ Ic, Vce40 @ 4A, 1VPower - Max1.75WFrequency - Transition85MHzOperating Temperature55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageDPAK-3	Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Current - Collector (Ic) (Max)8AVoltage - Collector Emitter Breakdown (Max)80VVce Saturation (Max) @ Ib, Ic1V @ 400mA, 8ACurrent - Collector Cutoff (Max)1µADC Current Gain (hFE) (Min) @ Ic, Vce40 @ 4A, 1VPower - Max1.75WFrequency - Transition85MHzOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageDPAK-3	Series	-
Voltage - Collector Emitter Breakdown (Max)80VVce Saturation (Max) @ Ib, Ic1V @ 400mA, 8ACurrent - Collector Cutoff (Max)1µADC Current Gain (hFE) (Min) @ Ic, Vce40 @ 4A, 1VPower - Max1.75WFrequency - Transition85MHzOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageDPAK-3	Transistor Type	NPN
Vce Saturation (Max) @ Ib, IcIV @ 400mA, 8ACurrent - Collector Cutoff (Max)μADC Current Gain (hFE) (Min) @ Ic, Vce40 @ 4A, 1VPower - Max1.75WFrequency - Transition85MHzOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageDPAK-3	Current - Collector (Ic) (Max)	8A
Current - Collector Cutoff (Max)μμDC Current Gain (hFE) (Min) @ Ic, Vce40 @ 4A, 1VPower - Max1.75WFrequency - Transition85MHzOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageDPAK-3	Voltage - Collector Emitter Breakdown (Max)	80V
DC Current Gain (hFE) (Min) @ Ic, Vce40 @ 4A, 1VPower - Max1.75WFrequency - Transition85MHzOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageDPAK-3	Vce Saturation (Max) @ Ib, Ic	1V @ 400mA, 8A
Power - Max1.75WFrequency - Transition85MHzOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageDPAK-3	Current - Collector Cutoff (Max)	1μΑ
Frequency - Transition85MHzOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageDPAK-3	DC Current Gain (hFE) (Min) @ Ic, Vce	40 @ 4A, 1V
Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageDPAK-3	Power - Max	1.75W
Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageDPAK-3	Frequency - Transition	85MHz
Package / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageDPAK-3	Operating Temperature	-55°C ~ 150°C (TJ)
Supplier Device Package DPAK-3	Mounting Type	Surface Mount
	Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
Report errors?	Supplier Device Package	DPAK-3
		Report errors?

MJD44H11G 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

Service Guarantees

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

MJD44H11G Payment Methods



MJD44H11G Shipping Methods



If you have any question about MJD44H11G, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com