

MJD47T4G

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MJD47T4G Information

Pa	rt Number	MID47T4G
Ma Ma	anufacturer	ON Semiconductor
Ca	ategory	Discrete Semiconductor Products
www.neisener.com		Transistors - Bipolar (BJT) - Single
De De	escription	TRANS NPN 250V 1A DPAK
Pa	ickage	TO-252-3, DPak (2 Leads + Tab), SC-63
		For the pricing/inventory/lead time, please contact
		us
For Reference Only		Website: https://www.heisener.com
		E-mail: salesdept@heisener.com

Certified Quality

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.



MJD47T4G Specifications

Manufacturer Part NumberMID47T4GManufacturerON SemiconductorCategoryDiscrete Semiconductor ProductsTransistor - Bipolar (BJT) - SinglePackageTo-252-3, DPak (2 Leads + Tab), SC-63Series-Transistor TypeNPNCurrent - Collector (L) (Max)IAVoltage - Collector Emitter Breakdown (Max)250VVce Saturation (Max) @ Ib, IcIV @ 200mA, 1ACurrent - Collector Cutoff (Max)200µADC Current Gain (hFE) (Min) @ Ic, Vce30 @ 300mA, 10VPower - Max1.56WFrequency - Transition10MHzOperating Temperature-50°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseTo-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageDPAK-3		
CategoryDiscrete Semiconductor Products Transistors - Bipolar (BJT) - SinglePackageTO-252-3, DPak (2 Leads + Tab), SC-63Series-Transistor TypeNPNCurrent - Collector (Ic) (Max)IAVoltage - Collector Emitter Breakdown (Max)250VVce Saturation (Max) @ Ib, IcIV @ 200mA, 1ACurrent - Collector Cutoff (Max)30 @ 300mA, 10VDC Current Gain (hFE) (Min) @ Ic, Vce30 @ 300mA, 10VPower - Max1.56WFrequency - Transition10MHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageDPAK-3	Manufacturer Part Number	MJD47T4G
Transistors - Bipolar (BJT) - SinglePackageTO-252-3, DPak (2 Leads + Tab), SC-63Series-Transistor TypeNPNCurrent - Collector (Lo (Max)1AVoltage - Collector Emitter Breakdown (Max)250VVce Saturation (Max) @ Ib, Ic1V @ 200mA, 1ACurrent - Collector Cutoff (Max)300 a 300mA, 10VDC Current Gain (hFE) (Min) @ Ic, Vce30 @ 300mA, 10VPower - Max1.56WFrequency - Transition10MHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDPAK-3	Manufacturer	ON Semiconductor
PackageTO-252-3, DPak (2 Leads + Tab), SC-63Series-Transistor TypeNPNCurrent - Collector (Ic) (Max)1AVoltage - Collector Emitter Breakdown (Max)250VVcc Saturation (Max) @ Ib, Ic1V @ 200mA, 1ACurrent - Collector Cutoff (Max)200µADC Current Gain (hFE) (Min) @ Ic, Vce30 @ 300mA, 10VPower - Max1.56WFrequency - Transition10MHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDPAK-3	Category	Discrete Semiconductor Products
Series-Transistor TypeNPNCurrent - Collector (Ic) (Max)1AVoltage - Collector Emitter Breakdown (Max)250VVce Saturation (Max) @ Ib, Ic1V @ 200mA, 1ACurrent - Collector Cutoff (Max)200µADC Current Gain (hFE) (Min) @ Ic, Vce30 @ 300mA, 10VPower - Max1.56WFrequency - Transition10MHzOperating Temperature-65°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 (Ic) (Max)1AVoltage - Collector Emitter Breakdown (Max)250VVcc Saturation (Max) @ Ib, Ic1V @ 200mA, 1ACurrent - Collector Cutoff (Max)200µADC Current Gain (hFE) (Min) @ Ic, Vce30 @ 300mA, 10VPower - Max1.56WFrequency - Transition10MHzOperating Temperature65°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)1AVoltage - Collector Emitter Breakdown (Max)250VVcc Saturation (Max) @ Ib, Ic1V @ 200mA, 1ACurrent - Collector Cutoff (Max)200µADC Current Gain (hFE) (Min) @ Ic, Vce30 @ 300mA, 10VPower - Max1.56WFrequency - Transition10MHzOperating Temperature-65°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)250VVce Saturation (Max) @ Ib, Ic1V @ 200mA, 1ACurrent - Collector Cutoff (Max)200µADC Current Gain (hFE) (Min) @ Ic, Vce30 @ 300mA, 10VPower - Max1.56WFrequency - Transition10MHzOperating Temperature-65°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 @ 200mA, 1ACurrent - Collector Cutoff (Max)200μADC Current Gain (hFE) (Min) @ Ic, Vce30 @ 300mA, 10VPower - Max1.56WFrequency - Transition10MHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageDPAK-3	Current - Collector (Ic) (Max)	1A
Current - Collector Cutoff (Max)200μADC Current Gain (hFE) (Min) @ Ic, Vce30 @ 300mA, 10VPower - Max1.56WPower - Max1.0MHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageDPAK-3	Voltage - Collector Emitter Breakdown (Max)	250V
DC Current Gain (hFE) (Min) @ Ic, Vce30 @ 300mA, 10VPower - Max1.56WFrequency - Transition10MHzOperating Temperature-65°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 @ 200mA, 1A
Power - Max1.56WFrequency - Transition10MHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageDPAK-3	Current - Collector Cutoff (Max)	200µA
Frequency - Transition10MHzOperating Temperature-65°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	30 @ 300mA, 10V
Operating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageDPAK-3	Power - Max	1.56W
Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageDPAK-3	Frequency - Transition	10MHz
Package / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageDPAK-3	Operating Temperature	-65°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?

MJD47T4G 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.

MJD47T4G Payment Methods



MJD47T4G Shipping Methods



If you have any question about MJD47T4G, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com