

MJD117-1G

MJD117-1G Information

	Part Number	MJD117-1G
Www.Helseyer.com	Manufacturer	ON Semiconductor
	Category	Discrete Semiconductor Products Transistors - Bipolar (BJT) - Single
	Description	TRANS PNP DARL 100V 2A IPAK
	Package	TO-251-3 Short Leads, IPak, TO-251AA
		For the pricing/inventory/lead time, please contact us
For Reference Only		Website: https://www.heisener.com E-mail: salesdept@heisener.com



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Certified Quality

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MJD117-1G Specifications

Manufacturer Part NumberMJD117-1GManufacturerON SemiconductorCategoryDiscrete Semiconductor ProductsTransistors - Bipolar (BJT) - SinglePackageTO-251-3 Short Leads, IPak, TO-251AASeries-Transistor TypePNP - DarlingtonCurrent - Collector (Ic) (Max)2AVoltage - Collector Emitter Breakdown (Max)100VVcc Saturation (Max) @ Ib, Ic3V @ 40mA, 4ACurrent - Collector Cutoff (Max)20µADC Current Gain (hFE) (Min) @ Ic, Vce1000 @ 2A, 3VPower - Max1.75WFrequency - Transition25MHzOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeThrough Hole		
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Series-Transistor TypePNP - DarlingtonCurrent - Collector (Ic) (Max)2AVoltage - Collector Emitter Breakdown (Max)100VVce Saturation (Max) @ Ib, Ic3V @ 40mA, 4ACurrent - Collector Cutoff (Max)20µADC Current Gain (hFE) (Min) @ Ic, Vce1000 @ 2A, 3VPower - Max1.75WFrequency - Transition25MHzOperating Temperature-65°C ~ 150°C (TJ)		Transistors - Bipolar (BJT) - Single
Transistor TypePNP - DarlingtonCurrent - Collector (Ic) (Max)2AVoltage - Collector Emitter Breakdown (Max)100VVce Saturation (Max) @ Ib, Ic3V @ 40mA, 4ACurrent - Collector Cutoff (Max)20μADC Current Gain (hFE) (Min) @ Ic, Vce1000 @ 2A, 3VPower - Max1.75WFrequency - Transition25MHzOperating Temperature-65°C ~ 150°C (TJ)	ackage	TO-251-3 Short Leads, IPak, TO-251AA
Current - Collector (Ic) (Max)2AVoltage - Collector Emitter Breakdown (Max)100VVce Saturation (Max) @ Ib, Ic3V @ 40mA, 4ACurrent - Collector Cutoff (Max)20µADC Current Gain (hFE) (Min) @ Ic, Vce1000 @ 2A, 3VPower - Max1.75WFrequency - Transition25MHzOperating Temperature-65°C ~ 150°C (TJ)	eries	-
Voltage - Collector Emitter Breakdown (Max)100VVce Saturation (Max) @ Ib, Ic3V @ 40mA, 4ACurrent - Collector Cutoff (Max)20μADC Current Gain (hFE) (Min) @ Ic, Vce1000 @ 2A, 3VPower - Max1.75WFrequency - Transition25MHzOperating Temperature-65°C ~ 150°C (TJ)	ransistor Type	PNP - Darlington
Vce Saturation (Max) @ Ib, Ic3V @ 40mA, 4ACurrent - Collector Cutoff (Max)20μADC Current Gain (hFE) (Min) @ Ic, Vce1000 @ 2A, 3VPower - Max1.75WFrequency - Transition25MHzOperating Temperature-65°C ~ 150°C (TJ)	Current - Collector (Ic) (Max)	2A
Current - Collector Cutoff (Max)20μADC Current Gain (hFE) (Min) @ Ic, Vce1000 @ 2A, 3VPower - Max1.75WFrequency - Transition25MHzOperating Temperature-65°C ~ 150°C (TJ)	⁷ oltage - Collector Emitter Breakdown (Max)	100V
DC Current Gain (hFE) (Min) @ Ic, Vce 1000 @ 2A, 3V Power - Max 1.75W Frequency - Transition 25MHz Operating Temperature -65°C ~ 150°C (TJ)	/ce Saturation (Max) @ Ib, Ic	3V @ 40mA, 4A
Power - Max1.75WFrequency - Transition25MHzOperating Temperature-65°C ~ 150°C (TJ)	Current - Collector Cutoff (Max)	20μΑ
Frequency - Transition25MHzOperating Temperature-65°C ~ 150°C (TJ)	OC Current Gain (hFE) (Min) @ Ic, Vce	1000 @ 2A, 3V
Operating Temperature $-65^{\circ}\text{C} \sim 150^{\circ}\text{C} \text{ (TJ)}$	'ower - Max	1.75W
	requency - Transition	25MHz
Mounting Type Through Hole	perating Temperature	-65°C ~ 150°C (TJ)
	Aounting Type	Through Hole
Package / Case TO-251-3 Short Leads, IPak, TO-251AA	ackage / Case	TO-251-3 Short Leads, IPak, TO-251AA
Supplier Device Package I-Pak	upplier Device Package	I-Pak
Report		Report errors?

MJD117-1G 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 GUARANTEE

Service Guarantees

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

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