

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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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 |
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| 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 |
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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.

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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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