



DTA123JET1G Information



For Reference Only

Part Number DTA123JET1G

Manufacturer ON Semiconductor

Category Discrete Semiconductor Products

Transistors - Bipolar (BJT) - Single, Pre-Biased

Description TRANS PREBIAS PNP 200MW SC75

Package SC-75, SOT-416

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



Request a Quote

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.









DTA123JET1G Specifications

| Manufacturer Part NumberDTA123JET1GManufacturerON SemiconductorCategoryDiscrete Semiconductor ProductsTransistors - Bipolar (BJT) - Single, Pre-BiasedSeries-Transistor TypePNP - Pre-BiasedCurrent - Collector (Ic) (Max)100mAVoltage - Collector Emitter Breakdown (Max)50VResistor - Base (R1) (Ohms)2.2kResistor - Emitter Base (R2) (Ohms)47kDC Current Gain (hFE) (Min) @ Ic, Vce80 @ 5mA, 10VVce Saturation (Max) @ Ib, Ic250mV @ 300μA, 10mACurrent - Collector Cutoff (Max)500nAFrequency - Transition-Power - Max200mWMounting TypeSurface MountPackage / CaseSC-75, SOT-416Supplier Device PackageSC-75, SOT-416Report errors? | • | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|--------------------------------------------------|
| Category Discrete Semiconductor Products Transistors - Bipolar (BJT) - Single, Pre-Biased Sc-75, SOT-416 Series - Transistor Type PNP - Pre-Biased Current - Collector (Ic) (Max) Voltage - Collector Emitter Breakdown (Max) Resistor - Base (R1) (Ohms) Resistor - Emitter Base (R2) (Ohms) DC Current Gain (hFE) (Min) @ Ic, Vce 80 @ 5mA, 10V Vce Saturation (Max) @ Ib, Ic 250mV @ 300µA, 10mA Current - Collector Cutoff (Max) Frequency - Transition - Power - Max Mounting Type Surface Mount Package / Case SC-75, SOT-416 Supplier Device Package | Manufacturer Part Number | DTA123JET1G |
| Transistors - Bipolar (BJT) - Single, Pre-Biased Scries - Transistor Type PNP - Pre-Biased Current - Collector (Ic) (Max) Voltage - Collector Emitter Breakdown (Max) Resistor - Base (R1) (Ohms) 2.2k Resistor - Emitter Base (R2) (Ohms) DC Current Gain (hFE) (Min) @ Ic, Vce 80 @ 5mA, 10V Vce Saturation (Max) @ Ib, Ic Current - Collector Cutoff (Max) Frequency - Transition - Power - Max Mounting Type Surface Mount Package / Case Sc-75, SOT-416 Supplier Device Package | Manufacturer | ON Semiconductor |
| PackageSC-75, SOT-416Series-Transistor TypePNP - Pre-BiasedCurrent - Collector (Ic) (Max)100mAVoltage - Collector Emitter Breakdown (Max)50VResistor - Base (R1) (Ohms)2.2kResistor - Emitter Base (R2) (Ohms)47kDC Current Gain (hFE) (Min) @ Ic, Vce80 @ 5mA, 10VVce Saturation (Max) @ Ib, Ic250mV @ 300μA, 10mACurrent - Collector Cutoff (Max)500nAFrequency - Transition-Power - Max200mWMounting TypeSurface MountPackage / CaseSC-75, SOT-416Supplier Device PackageSC-75, SOT-416 | Category | Discrete Semiconductor Products |
| Series - Transistor Type PNP - Pre-Biased Current - Collector (Ic) (Max) 100mA Voltage - Collector Emitter Breakdown (Max) 50V Resistor - Base (R1) (Ohms) 2.2k Resistor - Emitter Base (R2) (Ohms) 47k DC Current Gain (hFE) (Min) @ Ic, Vce 80 @ 5mA, 10V Vce Saturation (Max) @ Ib, Ic 250mV @ 300µA, 10mA Current - Collector Cutoff (Max) 500nA Frequency - Transition - Power - Max 200mW Mounting Type Surface Mount Package / Case SC-75, SOT-416 Supplier Device Package | | Transistors - Bipolar (BJT) - Single, Pre-Biased |
| Transistor Type Current - Collector (Ic) (Max) Voltage - Collector Emitter Breakdown (Max) Resistor - Base (R1) (Ohms) Resistor - Emitter Base (R2) (Ohms) DC Current Gain (hFE) (Min) @ Ic, Vce Vce Saturation (Max) @ Ib, Ic Current - Collector Cutoff (Max) Frequency - Transition Power - Max Mounting Type Surface Mount Package / Case Supplier Device Package PNP - Pre-Biased 100mA 100mA 50V 2.2k 80 @ 5mA, 10V 2.50mV @ 300μA, 10mA 500nA 500nA 500nA Surface Mount Surface Mount Surface Mount SC-75, SOT-416 | Package | SC-75, SOT-416 |
| Current - Collector (Ic) (Max) Voltage - Collector Emitter Breakdown (Max) Resistor - Base (R1) (Ohms) 2.2k Resistor - Emitter Base (R2) (Ohms) DC Current Gain (hFE) (Min) @ Ic, Vce 80 @ 5mA, 10V Vce Saturation (Max) @ Ib, Ic 250mV @ 300μA, 10mA Current - Collector Cutoff (Max) Frequency - Transition - Power - Max 200mW Mounting Type Surface Mount Package / Case SC-75, SOT-416 Supplier Device Package | Series | - |
| Voltage - Collector Emitter Breakdown (Max) Resistor - Base (R1) (Ohms) 2.2k Resistor - Emitter Base (R2) (Ohms) DC Current Gain (hFE) (Min) @ Ic, Vce 80 @ 5mA, 10V Vce Saturation (Max) @ Ib, Ic 250mV @ 300μA, 10mA Current - Collector Cutoff (Max) Frequency - Transition - Power - Max 200mW Mounting Type Surface Mount Package / Case SC-75, SOT-416 Supplier Device Package | Transistor Type | PNP - Pre-Biased |
| Resistor - Base (R1) (Ohms) Resistor - Emitter Base (R2) (Ohms) DC Current Gain (hFE) (Min) @ Ic, Vce 80 @ 5mA, 10V Vce Saturation (Max) @ Ib, Ic 250mV @ 300μA, 10mA Current - Collector Cutoff (Max) Frequency - Transition - Power - Max 200mW Mounting Type Surface Mount Package / Case SC-75, SOT-416 Supplier Device Package | Current - Collector (Ic) (Max) | 100mA |
| Resistor - Emitter Base (R2) (Ohms)47kDC Current Gain (hFE) (Min) @ Ic, Vce80 @ 5mA, 10VVce Saturation (Max) @ Ib, Ic250mV @ 300μA, 10mACurrent - Collector Cutoff (Max)500nAFrequency - Transition-Power - Max200mWMounting TypeSurface MountPackage / CaseSC-75, SOT-416Supplier Device PackageSC-75, SOT-416 | Voltage - Collector Emitter Breakdown (Max) | 50V |
| DC Current Gain (hFE) (Min) @ Ic, Vce 80 @ 5mA, 10V Vce Saturation (Max) @ Ib, Ic 250mV @ 300μA, 10mA Current - Collector Cutoff (Max) Frequency - Transition - Power - Max 200mW Mounting Type Surface Mount Package / Case SC-75, SOT-416 Supplier Device Package | Resistor - Base (R1) (Ohms) | 2.2k |
| Vce Saturation (Max) @ Ib, Ic250mV @ 300μA, 10mACurrent - Collector Cutoff (Max)500nAFrequency - Transition-Power - Max200mWMounting TypeSurface MountPackage / CaseSC-75, SOT-416Supplier Device PackageSC-75, SOT-416 | Resistor - Emitter Base (R2) (Ohms) | 47k |
| Current - Collector Cutoff (Max) Frequency - Transition Power - Max 200mW Mounting Type Surface Mount Package / Case SC-75, SOT-416 Supplier Device Package SC-75, SOT-416 | DC Current Gain (hFE) (Min) @ Ic, Vce | 80 @ 5mA, 10V |
| Frequency - Transition Power - Max 200mW Mounting Type Surface Mount Package / Case SC-75, SOT-416 Supplier Device Package SC-75, SOT-416 | Vce Saturation (Max) @ Ib, Ic | 250mV @ 300μA, 10mA |
| Power - Max 200mW Mounting Type Surface Mount Package / Case SC-75, SOT-416 Supplier Device Package SC-75, SOT-416 | Current - Collector Cutoff (Max) | 500nA |
| Mounting Type Surface Mount Package / Case SC-75, SOT-416 Supplier Device Package SC-75, SOT-416 | Frequency - Transition | - |
| Package / Case SC-75, SOT-416 Supplier Device Package SC-75, SOT-416 | Power - Max | 200mW |
| Supplier Device Package SC-75, SOT-416 | Mounting Type | Surface Mount |
| | Package / Case | SC-75, SOT-416 |
| Report errors? | Supplier Device Package | SC-75, SOT-416 |
| | | Report errors? |

DTA123JET1G 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.

DTA123JET1G Payment Methods



















DTA123JET1G Shipping Methods













If you have any question about DTA123JET1G, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com