



#### **DTD743ZETL Information**



For Reference Only

Part Number DTD743ZETL

Manufacturer Rohm Semiconductor

Category Discrete Semiconductor Products

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

**Description** TRANS PREBIAS NPN 150MW EMT3

Package SC-75, SOT-416

For the pricing/inventory/lead time, please contact

us

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



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## **Certified Quality**

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## **DTD743ZETL Specifications**

Manufacturer Part Number  Manufacturer  Rohm Semiconductor  Discrete Semiconductor Products  Transistors - Bipolar (BJT) - Single, Pre-Biased  Scries  - Transistor Type  NPN - 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  Vee Saturation (Max) @ Ib, Ic  Current - Collector Cutoff (Max)  Frequency - Transition  Pawer - Max  DTD743ZETL  Rohm Semiconductor  Rohm Semiconductor  Rohm Semiconductor  Rohm Semiconductor  Products  Transistors - Bipolar (BJT) - Single, Pre-Biased  SC-75, SOT-416	•	
Category  Discrete Semiconductor Products  Transistors - Bipolar (BJT) - Single, Pre-Biased  SC-75, SOT-416  Series  - Transistor Type  NPN - 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  Vce Saturation (Max) @ Ib, Ic  Current - Collector Cutoff (Max)  Frequency - Transition  Discrete Semiconductor Products  Transistors - Bipolar (BJT) - Single, Pre-Biased  SC-75, SOT-416  -  NPN - Pre-Biased  200mA  30V  4.7k  4.7k  4.7k  10k  DC Current Gain (hFE) (Min) @ Ic, Vce  140 @ 100mA, 2V  Vce Saturation (Max) @ Ib, Ic  300mV @ 2.5mA, 50mA  Current - Collector Cutoff (Max)  Frequency - Transition	Manufacturer Part Number	DTD743ZETL
Transistors - Bipolar (BJT) - Single, Pre-Biased  Scries  - Transistor Type  NPN - 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  Vce Saturation (Max) @ Ib, Ic  Current - Collector Cutoff (Max)  Frequency - Transition  Transistors - Bipolar (BJT) - Single, Pre-Biased  SC-75, SOT-416   SC-75, SOT-416   NPN - Pre-Biased  200mA  4.7k  4.7k  4.7k  10k  200mA  250mA, 50mA  500nA	Manufacturer	Rohm Semiconductor
Package SC-75, SOT-416  Series - Transistor Type NPN - Pre-Biased Current - Collector (Ic) (Max) 200mA  Voltage - Collector Emitter Breakdown (Max) 30V  Resistor - Base (R1) (Ohms) 4.7k  Resistor - Emitter Base (R2) (Ohms) 10k  DC Current Gain (hFE) (Min) @ Ic, Vce 140 @ 100mA, 2V  Vce Saturation (Max) @ Ib, Ic 300mV @ 2.5mA, 50mA  Current - Collector Cutoff (Max) 500nA  Frequency - Transition 260MHz	Category	Discrete Semiconductor Products
Series - Transistor Type NPN - Pre-Biased  Current - Collector (Ic) (Max) 200mA  Voltage - Collector Emitter Breakdown (Max) 30V  Resistor - Base (R1) (Ohms) 4.7k  Resistor - Emitter Base (R2) (Ohms) 10k  DC Current Gain (hFE) (Min) @ Ic, Vce 140 @ 100mA, 2V  Vce Saturation (Max) @ Ib, Ic 300mV @ 2.5mA, 50mA  Current - Collector Cutoff (Max) 500nA  Frequency - Transition 260MHz		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  NPN - Pre-Biased  200mA  30V  4.7k  10k  10k  10k  20mA, 2V  30mV @ 2.5mA, 50mA  500nA	Package	SC-75, SOT-416
Current - Collector (Ic) (Max)  Voltage - Collector Emitter Breakdown (Max)  Resistor - Base (R1) (Ohms)  4.7k  Resistor - Emitter Base (R2) (Ohms)  DC Current Gain (hFE) (Min) @ Ic, Vce  140 @ 100mA, 2V  Vce Saturation (Max) @ Ib, Ic  300mV @ 2.5mA, 50mA  Current - Collector Cutoff (Max)  Frequency - Transition  260MHz	Series	-
Voltage - Collector Emitter Breakdown (Max)  Resistor - Base (R1) (Ohms)  4.7k  Resistor - Emitter Base (R2) (Ohms)  DC Current Gain (hFE) (Min) @ Ic, Vce  140 @ 100mA, 2V  Vce Saturation (Max) @ Ib, Ic  300mV @ 2.5mA, 50mA  Current - Collector Cutoff (Max)  Frequency - Transition  260MHz	Transistor Type	NPN - Pre-Biased
Resistor - Base (R1) (Ohms)  Resistor - Emitter Base (R2) (Ohms)  DC Current Gain (hFE) (Min) @ Ic, Vce  140 @ 100mA, 2V  Vce Saturation (Max) @ Ib, Ic  Current - Collector Cutoff (Max)  Frequency - Transition  4.7k  4.7k  10k  10k  140 @ 100mA, 2V  500mV @ 2.5mA, 50mA  500nA	Current - Collector (Ic) (Max)	200mA
Resistor - Emitter Base (R2) (Ohms)  DC Current Gain (hFE) (Min) @ Ic, Vce  140 @ 100mA, 2V  Vce Saturation (Max) @ Ib, Ic  300mV @ 2.5mA, 50mA  Current - Collector Cutoff (Max)  Frequency - Transition  260MHz	Voltage - Collector Emitter Breakdown (Max)	30V
DC Current Gain (hFE) (Min) @ Ic, Vce 140 @ 100mA, 2V  Vce Saturation (Max) @ Ib, Ic 300mV @ 2.5mA, 50mA  Current - Collector Cutoff (Max) 500nA  Frequency - Transition 260MHz	Resistor - Base (R1) (Ohms)	4.7k
Vce Saturation (Max) @ Ib, Ic300mV @ 2.5mA, 50mACurrent - Collector Cutoff (Max)500nAFrequency - Transition260MHz	Resistor - Emitter Base (R2) (Ohms)	10k
Current - Collector Cutoff (Max) 500nA Frequency - Transition 260MHz	DC Current Gain (hFE) (Min) @ Ic, Vce	140 @ 100mA, 2V
Frequency - Transition 260MHz	Vce Saturation (Max) @ Ib, Ic	300mV @ 2.5mA, 50mA
1 2	Current - Collector Cutoff (Max)	500nA
Power - May 150mW	Frequency - Transition	260MHz
Tower Will	Power - Max	150mW
Mounting Type Surface Mount	Mounting Type	Surface Mount
Package / Case SC-75, SOT-416	Package / Case	SC-75, SOT-416
Supplier Device Package EMT3	Supplier Device Package	EMT3
Report errors?		Report errors?

#### **DTD743ZETL 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.

# **DTD743ZETL Payment Methods**





















### **DTD743ZETL Shipping Methods**













If you have any question about DTD743ZETL, please do not hesitate to contact us!

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