



### **DTC014YUBTL Information**



For Reference Only

Part Number DTC014YUBTL

Manufacturer Rohm Semiconductor

**Category** Discrete Semiconductor Products

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

**Description** TRANS PREBIAS NPN 50V 0.2W UMT3F

Package SC-85

For the pricing/inventory/lead time, please contact

us

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



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## **DTC014YUBTL Specifications**

Manufacturer Part NumberDTC014YUBTLManufacturerRohm SemiconductorCategoryDiscrete Semiconductor ProductsPackageSC-85Series-Transistor TypeNPN - Pre-BiasedCurrent - Collector (Ic) (Max)70mAVoltage - Collector Emitter Breakdown (Max)50VResistor - Base (R1) (Ohms)10kResistor - Emitter Base (R2) (Ohms)47kDC Current Gain (hFE) (Min) @ Ic, Vce80 @ 5mA, 10VVce Saturation (Max) @ Ib, Ic150mV @ 500μA, 5mACurrent - Collector Cutoff (Max)-Frequency - Transition250MHzPower - Max200mWMounting TypeSurface MountPackage / CaseSC-85Supplier Device PackageUMT3FReport errors?	•	
Category Discrete Semiconductor Products Transistors - Bipolar (BJT) - Single, Pre-Biased  Package SC-85 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 80 @ 5mA, 10V Vce Saturation (Max) @ Ib, Ic 150mV @ 500µA, 5mA Current - Collector Cutoff (Max) - Frequency - Transition 250MHz Power - Max Mounting Type Surface Mount Package / Case Supplier Device Package UMT3F	Manufacturer Part Number	DTC014YUBTL
Transistors - Bipolar (BJT) - Single, Pre-Biased  SC-85  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  80 @ 5mA, 10V  Vce Saturation (Max) @ Ib, Ic  Current - Collector Cutoff (Max)  Frequency - Transition  Power - Max  Mounting Type  Surface Mount  Package / Case  Supplier Device Package  UMT3F	Manufacturer	Rohm Semiconductor
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Series - NPN - Pre-Biased Current - Collector (Ic) (Max) 70mA Voltage - Collector Emitter Breakdown (Max) 50V Resistor - Base (R1) (Ohms) 10k Resistor - Emitter Base (R2) (Ohms) 47k DC Current Gain (hFE) (Min) @ Ic, Vce 80 @ 5mA, 10V Vce Saturation (Max) @ Ib, Ic 150mV @ 500μA, 5mA Current - Collector Cutoff (Max) - Frequency - Transition 250MHz Power - Max 200mW Mounting Type Surface Mount Package / Case SC-85 Supplier Device Package UMT3F		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	Package	SC-85
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  150mV @ 500μA, 5mA  Current - Collector Cutoff (Max)  Frequency - Transition  250MHz  Power - Max  Mounting Type  Surface Mount  Package / Case  Supplier Device Package  UMT3F	Series	-
Voltage - Collector Emitter Breakdown (Max)  Resistor - Base (R1) (Ohms)  10k  Resistor - Emitter Base (R2) (Ohms)  47k  DC Current Gain (hFE) (Min) @ Ic, Vce  80 @ 5mA, 10V  Vce Saturation (Max) @ Ib, Ic  150mV @ 500μA, 5mA  Current - Collector Cutoff (Max)  Frequency - Transition  250MHz  Power - Max  200mW  Mounting Type  Surface Mount  Package / Case  Supplier Device Package  UMT3F	Transistor Type	NPN - Pre-Biased
Resistor - Base (R1) (Ohms)10kResistor - Emitter Base (R2) (Ohms)47kDC Current Gain (hFE) (Min) @ Ic, Vce80 @ 5mA, 10VVce Saturation (Max) @ Ib, Ic150mV @ 500μA, 5mACurrent - Collector Cutoff (Max)-Frequency - Transition250MHzPower - Max200mWMounting TypeSurface MountPackage / CaseSC-85Supplier Device PackageUMT3F	Current - Collector (Ic) (Max)	70mA
Resistor - Emitter Base (R2) (Ohms)47kDC Current Gain (hFE) (Min) @ Ic, Vce80 @ 5mA, 10VVce Saturation (Max) @ Ib, Ic150mV @ 500μA, 5mACurrent - Collector Cutoff (Max)-Frequency - Transition250MHzPower - Max200mWMounting TypeSurface MountPackage / CaseSC-85Supplier Device PackageUMT3F	Voltage - Collector Emitter Breakdown (Max)	50V
DC Current Gain (hFE) (Min) @ Ic, Vce  80 @ 5mA, 10V  Vce Saturation (Max) @ Ib, Ic  150mV @ 500µA, 5mA  Current - Collector Cutoff (Max)  Frequency - Transition  250MHz  Power - Max  200mW  Mounting Type  Surface Mount  Package / Case  SC-85  Supplier Device Package  UMT3F	Resistor - Base (R1) (Ohms)	10k
Vce Saturation (Max) @ Ib, Ic150mV @ 500μA, 5mACurrent - Collector Cutoff (Max)-Frequency - Transition250MHzPower - Max200mWMounting TypeSurface MountPackage / CaseSC-85Supplier Device PackageUMT3F	Resistor - Emitter Base (R2) (Ohms)	47k
Current - Collector Cutoff (Max)  Frequency - Transition  Power - Max  200mW  Mounting Type  Surface Mount  Package / Case  SC-85  Supplier Device Package  UMT3F	DC Current Gain (hFE) (Min) @ Ic, Vce	80 @ 5mA, 10V
Frequency - Transition 250MHz  Power - Max 200mW  Mounting Type Surface Mount  Package / Case SC-85  Supplier Device Package UMT3F	Vce Saturation (Max) @ Ib, Ic	150mV @ 500μA, 5mA
Power - Max 200mW  Mounting Type Surface Mount  Package / Case SC-85  Supplier Device Package UMT3F	Current - Collector Cutoff (Max)	-
Mounting Type Surface Mount Package / Case SC-85 Supplier Device Package UMT3F	Frequency - Transition	250MHz
Package / Case SC-85 Supplier Device Package UMT3F	Power - Max	200mW
Supplier Device Package UMT3F	Mounting Type	Surface Mount
••	Package / Case	SC-85
Report errors?	Supplier Device Package	UMT3F
		Report errors?

### **DTC014YUBTL 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.

## **DTC014YUBTL Payment Methods**



















# **DTC014YUBTL Shipping Methods**













If you have any question about DTC014YUBTL, please do not hesitate to contact us!

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