



DTC114EMT2L Information



For Reference Only

Part Number DTC114EMT2L

Manufacturer Rohm Semiconductor

Category Discrete Semiconductor Products

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

Description TRANS PREBIAS NPN 150MW VMT3

Package SOT-723

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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DTC114EMT2L Specifications

Manufacturer Part NumberDTC114EMT2LManufacturerRohm SemiconductorCategoryDiscrete Semiconductor ProductsPackageSOT-723Series-Transistor TypeNPN - Pre-BiasedCurrent - Collector (Ic) (Max)50mAVoltage - Collector Emitter Breakdown (Max)50VResistor - Base (R1) (Ohms)10kDC Current Gain (hFE) (Min) @ Ic, Vce30 @ 5mA, 5VVce Saturation (Max) @ Ib, Ic300mV @ 500μA, 10mACurrent - Collector Cutoff (Max)500nAFrequency - Transition250MHzPower - Max150mWMounting TypeSurface MountPackage / CaseSOT-723Supplier Device PackageVMT3Report errors?	•	
Category Discrete Semiconductor Products Transistors - Bipolar (BJT) - Single, Pre-Biased Package SOT-723 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 30 @ 5mA, 5V Vce Saturation (Max) @ Ib, Ic Current - Collector Cutoff (Max) Frequency - Transition Power - Max Mounting Type Surface Mount Package / Case SOT-723 Supplier Device Package VMT3	Manufacturer Part Number	DTC114EMT2L
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PackageSOT-723Series-Transistor TypeNPN - Pre-BiasedCurrent - Collector (Ic) (Max)50mAVoltage - Collector Emitter Breakdown (Max)50VResistor - Base (R1) (Ohms)10kResistor - Emitter Base (R2) (Ohms)10kDC Current Gain (hFE) (Min) @ Ic, Vce30 @ 5mA, 5VVce Saturation (Max) @ Ib, Ic300mV @ 500μA, 10mACurrent - Collector Cutoff (Max)500nAFrequency - Transition250MHzPower - Max150mWMounting TypeSurface MountPackage / CaseSOT-723Supplier Device PackageVMT3	Category	Discrete Semiconductor Products
Series - NPN - Pre-Biased Current - Collector (Ic) (Max) 50mA Voltage - Collector Emitter Breakdown (Max) 50V Resistor - Base (R1) (Ohms) 10k Resistor - Emitter Base (R2) (Ohms) 10k DC Current Gain (hFE) (Min) @ Ic, Vce 30 @ 5mA, 5V Vce Saturation (Max) @ Ib, Ic 300mV @ 500µA, 10mA Current - Collector Cutoff (Max) 500nA Frequency - Transition 250MHz Power - Max 150mW Mounting Type Surface Mount Package / Case SOT-723 Supplier Device Package VMT3		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 NPN - Pre-Biased 50mA 50mA 50W 10k 10k 20 5mA, 5V 30 @ 5mA, 5V 500nA 500nA 500nA 500nA 500nA Surface Mount Surface Mount Surface Mount Package / Case SOT-723 Supplier Device Package	Package	SOT-723
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 30 @ 5mA, 5V Vce Saturation (Max) @ Ib, Ic Current - Collector Cutoff (Max) Frequency - Transition Power - Max Mounting Type Surface Mount Package / Case Supplier Device Package Sound Sou	Series	-
Voltage - Collector Emitter Breakdown (Max) Resistor - Base (R1) (Ohms) 10k Resistor - Emitter Base (R2) (Ohms) 10k DC Current Gain (hFE) (Min) @ Ic, Vce 30 @ 5mA, 5V Vce Saturation (Max) @ Ib, Ic 300mV @ 500μA, 10mA Current - Collector Cutoff (Max) 500nA Frequency - Transition 250MHz Power - Max 150mW Mounting Type Surface Mount Package / Case SOT-723 Supplier Device Package VMT3	Transistor Type	NPN - Pre-Biased
Resistor - Base (R1) (Ohms)10kResistor - Emitter Base (R2) (Ohms)10kDC Current Gain (hFE) (Min) @ Ic, Vce30 @ 5mA, 5VVce Saturation (Max) @ Ib, Ic300mV @ 500μA, 10mACurrent - Collector Cutoff (Max)500nAFrequency - Transition250MHzPower - Max150mWMounting TypeSurface MountPackage / CaseSOT-723Supplier Device PackageVMT3	Current - Collector (Ic) (Max)	50mA
Resistor - Emitter Base (R2) (Ohms)10kDC Current Gain (hFE) (Min) @ Ic, Vce30 @ 5mA, 5VVce Saturation (Max) @ Ib, Ic300mV @ 500μA, 10mACurrent - Collector Cutoff (Max)500nAFrequency - Transition250MHzPower - Max150mWMounting TypeSurface MountPackage / CaseSOT-723Supplier Device PackageVMT3	Voltage - Collector Emitter Breakdown (Max)	50V
DC Current Gain (hFE) (Min) @ Ic, Vce 30 @ 5mA, 5V Vce Saturation (Max) @ Ib, Ic 300mV @ 500μA, 10mA Current - Collector Cutoff (Max) 500nA Frequency - Transition 250MHz Power - Max 150mW Mounting Type Surface Mount Package / Case SOT-723 Supplier Device Package	Resistor - Base (R1) (Ohms)	10k
Vce Saturation (Max) @ Ib, Ic300mV @ 500μA, 10mACurrent - Collector Cutoff (Max)500nAFrequency - Transition250MHzPower - Max150mWMounting TypeSurface MountPackage / CaseSOT-723Supplier Device PackageVMT3	Resistor - Emitter Base (R2) (Ohms)	10k
Current - Collector Cutoff (Max) 500nA Frequency - Transition 250MHz Power - Max 150mW Mounting Type Surface Mount Package / Case SOT-723 Supplier Device Package VMT3	DC Current Gain (hFE) (Min) @ Ic, Vce	30 @ 5mA, 5V
Frequency - Transition 250MHz Power - Max 150mW Mounting Type Surface Mount Package / Case SOT-723 Supplier Device Package VMT3	Vce Saturation (Max) @ Ib, Ic	300mV @ 500μA, 10mA
Power - Max 150mW Mounting Type Surface Mount Package / Case SOT-723 Supplier Device Package VMT3	Current - Collector Cutoff (Max)	500nA
Mounting Type Surface Mount Package / Case SOT-723 Supplier Device Package VMT3	Frequency - Transition	250MHz
Package / Case SOT-723 Supplier Device Package VMT3	Power - Max	150mW
Supplier Device Package VMT3	Mounting Type	Surface Mount
••	Package / Case	SOT-723
Report errors?	Supplier Device Package	VMT3
		Report errors?

DTC114EMT2L 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.

DTC114EMT2L Payment Methods



















DTC114EMT2L Shipping Methods













If you have any question about DTC114EMT2L, please do not hesitate to contact us!

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