



### DCX123JK-7-F Information



For Reference Only

Part Number DCX123JK-7-F
Manufacturer Diodes Incorporated

**Category** Discrete Semiconductor Products

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

**Description** TRANS NPN/PNP PREBIAS 0.3W SC74R

Package SC-74R

For the pricing/inventory/lead time, please contact

us

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



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## DCX123JK-7-F Specifications

Manufacturer Part NumberDCX123JK-7-FManufacturerDiodes IncorporatedCategoryDiscrete Semiconductor ProductsPackageSC-74RSeries-Transistor Type1 NPN, 1 PNP - Pre-Biased (Dual)Current - 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 @ 10mA, 5VVce Saturation (Max) @ Ib, Ic300mV @ 250μA, 5mACurrent - Collector Cutoff (Max)500nAFrequency - Transition250MHzPower - Max300mWMounting TypeSurface MountPackage / CaseSC-74RSupplier Device PackageSC-74RReport errors?	•	
Category Discrete Semiconductor Products Transistors - Bipolar (BJT) - Arrays, Pre-Biased  Package SC-74R Series - Transistor Type 1 NPN, 1 PNP - Pre-Biased (Dual) 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 @ 10mA, 5V Vce Saturation (Max) @ Ib, Ic 300mV @ 250µA, 5mA Current - Collector Cutoff (Max) Frequency - Transition 250MHz Power - Max Mounting Type Surface Mount Package / Case SC-74R Supplier Device Package SC-74R	Manufacturer Part Number	DCX123JK-7-F
Transistors - Bipolar (BJT) - Arrays, Pre-Biased  SC-74R  Series - Transistor Type 1 NPN, 1 PNP - Pre-Biased (Dual)  Current - Collector (Ic) (Max) 100mA  Voltage - Collector Emitter Breakdown (Max)  Resistor - Base (R1) (Ohms) 2.2k  Resistor - Emitter Base (R2) (Ohms) 47k  DC Current Gain (hFE) (Min) @ Ic, Vce 80 @ 10mA, 5V  Vce Saturation (Max) @ Ib, Ic 300mV @ 250μA, 5mA  Current - Collector Cutoff (Max)  Frequency - Transition 250MHz  Power - Max 300mW  Mounting Type Surface Mount  Package / Case SC-74R  Supplier Device Package	Manufacturer	Diodes Incorporated
PackageSC-74RSeries-Transistor Type1 NPN, 1 PNP - Pre-Biased (Dual)Current - 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 @ 10mA, 5VVce Saturation (Max) @ Ib, Ic300mV @ 250μA, 5mACurrent - Collector Cutoff (Max)500nAFrequency - Transition250MHzPower - Max300mWMounting TypeSurface MountPackage / CaseSC-74RSupplier Device PackageSC-74R	Category	Discrete Semiconductor Products
Series - Transistor Type 1 NPN, 1 PNP - Pre-Biased (Dual)  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 @ 10mA, 5V  Vce Saturation (Max) @ Ib, Ic 300mV @ 250µA, 5mA  Current - Collector Cutoff (Max) 500nA  Frequency - Transition 250MHz  Power - Max 300mW  Mounting Type Surface Mount  Package / Case SC-74R  Supplier Device Package SC-74R		Transistors - Bipolar (BJT) - Arrays, Pre-Biased
Transistor Type  1 NPN, 1 PNP - Pre-Biased (Dual)  100mA  Voltage - Collector Emitter Breakdown (Max)  Resistor - Base (R1) (Ohms)  2.2k  Resistor - Emitter Base (R2) (Ohms)  47k  DC Current Gain (hFE) (Min) @ Ic, Vce  80 @ 10mA, 5V  Vce Saturation (Max) @ Ib, Ic  300mV @ 250μA, 5mA  Current - Collector Cutoff (Max)  Frequency - Transition  250MHz  Power - Max  300mW  Mounting Type  Surface Mount  Package / Case  SC-74R  Supplier Device Package	Package	SC-74R
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 @ 10mA, 5V  Vce Saturation (Max) @ Ib, Ic  Current - Collector Cutoff (Max)  Frequency - Transition  Power - Max  Mounting Type  Surface Mount  Package / Case  Supplier Device Package  100mA  100mA  47k  80 @ 10mA, 5V  47k  80 @ 10mA, 5V  500nA  500nA  500nA  500nA  Surface Mount  Surface Mount  Surface Mount  Surface Mount	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 @ 10mA, 5V  Vce Saturation (Max) @ Ib, Ic  300mV @ 250µA, 5mA  Current - Collector Cutoff (Max)  Frequency - Transition  250MHz  Power - Max  300mW  Mounting Type  Surface Mount  Package / Case  Supplier Device Package  SC-74R	Transistor Type	1 NPN, 1 PNP - Pre-Biased (Dual)
Resistor - Base (R1) (Ohms)  Resistor - Emitter Base (R2) (Ohms)  DC Current Gain (hFE) (Min) @ Ic, Vce  80 @ 10mA, 5V  Vce Saturation (Max) @ Ib, Ic  300mV @ 250µA, 5mA  Current - Collector Cutoff (Max)  Frequency - Transition  250MHz  Power - Max  300mW  Mounting Type  Surface Mount  Package / Case  SC-74R  Supplier Device Package	Current - Collector (Ic) (Max)	100mA
Resistor - Emitter Base (R2) (Ohms)47kDC Current Gain (hFE) (Min) @ Ic, Vce80 @ 10mA, 5VVce Saturation (Max) @ Ib, Ic300mV @ 250μA, 5mACurrent - Collector Cutoff (Max)500nAFrequency - Transition250MHzPower - Max300mWMounting TypeSurface MountPackage / CaseSC-74RSupplier Device PackageSC-74R	Voltage - Collector Emitter Breakdown (Max)	50V
DC Current Gain (hFE) (Min) @ Ic, Vce  80 @ 10mA, 5V  Vce Saturation (Max) @ Ib, Ic  300mV @ 250μA, 5mA  Current - Collector Cutoff (Max)  500nA  Frequency - Transition  250MHz  Power - Max  300mW  Mounting Type  Surface Mount  Package / Case  SC-74R  Supplier Device Package	Resistor - Base (R1) (Ohms)	2.2k
Vce Saturation (Max) @ Ib, Ic300mV @ 250μA, 5mACurrent - Collector Cutoff (Max)500nAFrequency - Transition250MHzPower - Max300mWMounting TypeSurface MountPackage / CaseSC-74RSupplier Device PackageSC-74R	Resistor - Emitter Base (R2) (Ohms)	47k
Current - Collector Cutoff (Max)  Frequency - Transition  Power - Max  Mounting Type  Surface Mount  Package / Case  Supplier Device Package  Supplier Device Package	DC Current Gain (hFE) (Min) @ Ic, Vce	80 @ 10mA, 5V
Frequency - Transition  Power - Max  300mW  Mounting Type  Surface Mount  Package / Case  SC-74R  Supplier Device Package  SC-74R	Vce Saturation (Max) @ Ib, Ic	300mV @ 250μA, 5mA
Power - Max 300mW  Mounting Type Surface Mount  Package / Case SC-74R  Supplier Device Package SC-74R	Current - Collector Cutoff (Max)	500nA
Mounting Type Surface Mount Package / Case SC-74R Supplier Device Package SC-74R	Frequency - Transition	250MHz
Package / Case SC-74R Supplier Device Package SC-74R	Power - Max	300mW
Supplier Device Package SC-74R	Mounting Type	Surface Mount
•	Package / Case	SC-74R
Report errors?	Supplier Device Package	SC-74R
		Report errors?

#### DCX123JK-7-F 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.

# DCX123JK-7-F Payment Methods



















## DCX123JK-7-F Shipping Methods













If you have any question about DCX123JK-7-F, please do not hesitate to contact us!

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