查询C5020供应商



捷多邦,专业PCB打样工厂,24小时加急出货



50A AVALANCHE AUTOMOTIVE CELL DIODE

Е

Dim

Α

В

С

D

Е

Anode +

C50 Min

0.75

1.0

All Dimensions in mm

Max

7.40

6.55

-

2.2

D

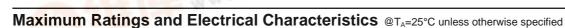
В

Features

- Diffused Junction
- Low Leakage
- Low Cost
- High Surge Current Capability
- Die Size 220 mil HEX

Mechanical Data

- Case: Cell Diode Passivated with Silicon Rubber
- Terminal: Copper Disc with Ag Plated
- Polarity: Indicated by Large Disc On Cathode Side, Add "R" Suffix to Indicate Reverse Polarity, i.e. C5020R
- Mounting Position: Any
- Lead Free: For RoHS / Lead Free Version, Add "-LF" Suffix to Part Number, See Page 2



Single Phase, half wave, 60Hz, resistive or inductive load. For capacitive load, derate current by 20%.

Characteristic		Symbol	C5020	C5024	Unit
Peak Repetitive Reverse Voltage Working Peak Reverse Voltage DC Blocking Voltage	工市场	Vrrm Vrwm Vr	16	20	V
Average Rectified Output Current	@T _c = 150°C	lo	50		A
Breakdown Voltage Min. Breakdown Voltage Max.	@I _R = 100mA @I _R = 100mA	Vbr	20 26	24 32	V
Non-Repetitive Peak Forward Surge Current 8.3ms Single half sine-wave superimposed on rated load (JEDEC Method)		IFSM	5	00	A
Forward Voltage	@I _F = 100A	Vfm	1.08		V
Peak Reverse Current At Rated DC Blocking Voltage	@T _A = 25°C	IRM	2	00	nA
Typical Thermal Resistance Junction to Ambient		RθJA	1	.0	°C/W
Operating and Storage Temperature Range		TJ, TSTG	-40 to +150		°C



ORDERING INFORMATION

Product No.	Package Type	Shipping Quantity	
C5020	7.2mm Cell Diode	2000 Units/Bottle	
C5024	7.2mm Cell Diode	2000 Units/Bottle	

1.

Shipping quantity given is for minimum packing quantity only. For minimum order quantity, please consult the Sales Department. To order Lead Free version (with Lead Free finish), add "-LF" suffix to part number above. For example, C5020-LF. 2.

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WARNING: DO NOT USE IN LIFE SUPPORT EQUIPMENT. WTE power semiconductor products are not authorized for use as critical components in life support devices or systems without the express written approval.

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