Micro Commercial Components

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SR3150

3 Amp Schottky Barrier Rectifier 150 Volts

Features

- Halogen free available upon request by adding suffix "-HF"
- Low Switching Noise
- Low Forward Voltage Drop
- High Current Capability
- High Surge Current Capability
- Lead Free Finish/Rohs Compliant (Note1) ("P"Suffix designates Compliant. See ordering information)

Maximum Ratings

- Operating Temperature: -50℃ to +150℃
- Storage Temperature: -50℃ to +150℃
- Epoxy meets UL 94 V-0 flammability rating
- Moisture Sensitivity Level 1

MCC Part Number	Maximum Recurrent Peak Reverse Voltage	Maximum RMS Voltage	Maximum DC Blocking Voltage
SR3150	150V	105V	150V

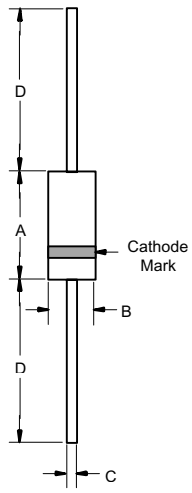
Electrical Characteristics @ 25°C Unless Otherwise Specified

Average Forward Current	$I_{F(AV)}$	3.0A	T_L = 100℃
Peak Forward Surge Current	I_{FSM}	80 A	8.3ms, half sine
Maximum Instantaneous Forward Voltage	V_F	.92V	I_{FM} = 3.0A; T_A = 25℃*
Maximum DC Reverse Current At Rated DC Blocking Voltage	I_R	0.5mA	V_R=150V T_A = 25℃

*Pulse test: Pulse width 300 μsec, Duty cycle 1%

Notes:1.High Temperature Solder Exemption Applied, see EU Directive Annex 7.

DO-201AD



DIMENSIONS					
	INCHES		MM		
DIM	MIN	MAX	MIN	MAX	NOTE
A	.287	.374	7.30	9.50	
B	.189	.208	4.80	5.30	
C	.048	.052	1.20	1.30	
D	1.000	---	25.40	---	

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Ordering Information :

Device	Packing
Part Number-TP	Tape&Reel: 1.2Kpcs/Reel
Part Number-AP	Ammo Packing: 1.2Kpcs/Ammo Box
Part Number-BP	Bulk: 12Kpcs/Carton

Note : Adding "-HF" suffix for halogen free, eg. Part Number-TP-HF

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