



Micro Commercial Components



Micro Commercial Components
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SS210H-LTP

2 Amp Schottky Rectifier 100 Volts

Features

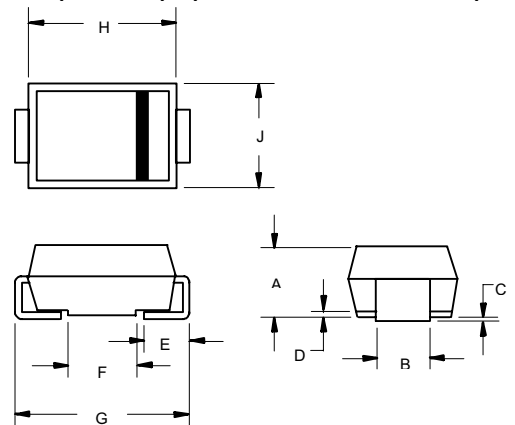
- Lead Free Finish/Rohs Compliant (Note1) ("P" Suffix designates Compliant. See ordering information)
- For Surface Mount Applications
- Low Reverse Current
- High Current Capability
- Epoxy meets UL 94 V-0 flammability rating
- Moisture Sensitivity Level 1

Maximum Ratings

- Operating Temperature: -55°C to +175°C
- Storage Temperature: -55°C to +175°C
- Halogen free available upon request by adding suffix "-HF"

MCC Catalog Number	Device Marking	Maximum Recurrent Peak Reverse Voltage	Maximum RMS Voltage	Maximum DC Blocking Voltage
SS210H-LTP	SS210H	100V	70V	100V

DO-214AC (SMA) (LEAD FRAME)



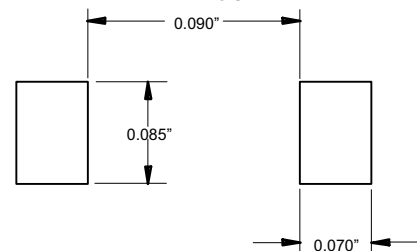
Electrical Characteristics @ 25°C Unless Otherwise Specified

Average Rectified Forward Current	I_F	2.0A	$T_L = 100^\circ\text{C}$
Peak Forward Surge Current	I_{FSM}	50A	8.3ms, half sine
Maximum Instantaneous Forward Voltage	V_F	.85V	$I_F = 2.0\text{A};$
Maximum DC Reverse Current At Rated DC Blocking Voltage	I_R	5 μA (max) 1 μA (typ) 2mA	$T_J = 25^\circ\text{C}$ $T_J = 25^\circ\text{C}$ $T_J = 100^\circ\text{C}$

Note: 1. High Temperature Solder Exemptions Applied, see EU Directive Annex 7.

DIM	DIMENSIONS				NOTE
	INCHES		MM		
A	.079	.096	2.00	2.44	
B	.050	.064	1.27	1.63	
C	.002	.008	.05	.20	
D	---	.02	---	.51	
E	.030	.060	.76	1.52	
F	.065	.091	1.65	2.32	
G	.189	.220	4.80	5.59	
H	.157	.181	4.00	4.60	
J	.090	.115	2.25	2.92	

SUGGESTED SOLDER PAD LAYOUT





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Ordering Information :

Device	Packing
SS210H-LTP	Tape&Reel: 5Kpcs/Reel

Note : Adding "-HF" suffix for halogen free, eg. SS210H-LTP-HF

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