



Micro Commercial Components



Micro Commercial Components
 20736 Marilla Street Chatsworth
 CA 91311
 Phone: (818) 701-4933
 Fax: (818) 701-4939

SS210H-LTP

2 Amp Schottky Rectifier 100 Volts

Features

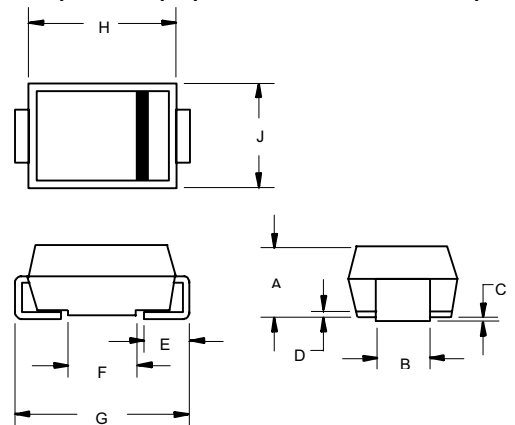
- Lead Free Finish/Rohs Compliant (Note1) ("P" Suffix designates Compliant. See ordering information)
- For Surface Mount Applications
- Low Reverse Current
- High Current Capability
- Epoxy meets UL 94 V-0 flammability rating
- Moisture Sensitivity Level 1

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)



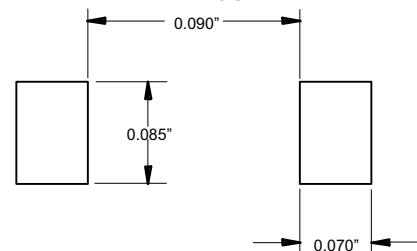
Electrical Characteristics @ 25°C Unless Otherwise Specified

| | | | |
|---|-----------|---|---|
| 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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