

SEMITRONICS CORP.

SES822

64 Commercial Street, Freeport, N.Y. 11520
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15 Amp 200 Volt
High Voltage Schottky

FEATURES

- Isolated Case
- Hermetically Sealed Package
- Very Low Forward Voltage
- Low Reverse Leakage
- MIL STX Screening Available
- Custom Lead Forming Available
- Ceramic Feedthroughs Available

APPLICATIONS

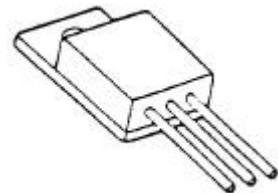
- High Reliability Power Supplies
- Switching Power Supplies
- Battery Back-Up Supplies
- High Current Switching

DESCRIPTION

The SES822 is a 15 Amp, 200 volts Power Schottky Rectifier packaged in three lead hermetically sealed TO-257 metallic package.

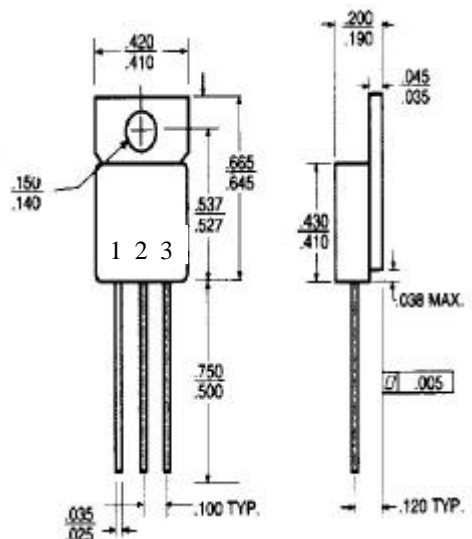
Special Pin-Outs Available
Custom Lead Forming Available
Add STX suffix for Military screening

PACKAGE



TO-257

CASE OUTLINE



1: Cathode, 2: Anode, 3: Anode

ABSOLUTE MAXIMUM RATINGS @ 25° C

Peak Inverse Voltage (PIV)	.....	200 Volts
Maximum D.C. Output Current (I _o) @ T _c = 100°C	.....	7.5 Amps
Max. Average Forward Current (I _{Fav}) @ T _c = 100°C, 50% Duty Cycle	.....	15 Amps
Non-Repetitive Surge Current (I _{FSM}) @ t = 8.3 ms	.....	75 Amps
Junction Temperature Range (T _j)	.....	- 65° C to + 200° C
Storage Temperature Range (T _{stg})	.....	- 65° C to + 175° C
Maximum Thermal Resistance, Junction to Case (R _{θJC})	.....	2.71 ° C/W

