

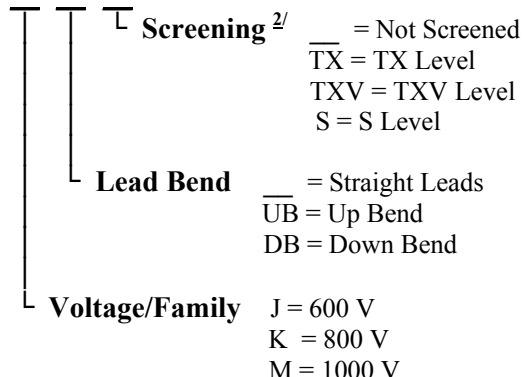
Solid State Devices, Inc.

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DESIGNER'S DATA SHEET

Part Number / Ordering Information ^{1/}

SPA560



SPA560 Series

22A / 600-1000V THREE PHASE BRIDGE RECTIFIER ASSEMBLY ULTRA FAST – 70 ns

Features:

- Higher Blocking Voltage Available. Contact Factory.
- Average Output Current 22 Amps
- Low Reverse Leakage Current
- Constructed with Void-free, Hermetically Sealed Discretes
- Aluminum Case for Maximum Thermal Conductivity
- Small Package Size (0.89 x 0.89 x 0.39")
- TX and TXV & S Level Screening Available
- Superior Replacement for Sensitron S455DC, S455FC, & S455GC
- Standard, Fast, & Hyper Fast Versions Available. Contact Factory.

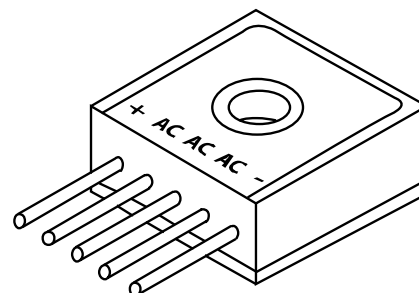
Maximum Ratings ^{3/}

		Symbol	Value	Units
Peak Inverse Voltage	SPA560J SPA560K SPA560M	PIV	600 800 1000	Volts
Average Rectified Output Current (T _C = Case Temperature)	T _C = 55°C T _C = 100°C	I _{O1} I _{O2}	22 15	Amps
Peak Surge Current (8.3 ms Pulse, Half Sine Wave, Superimposed on Rated Load)		I _{FSM}	125	Amps
Operating & Storage Temperature		T _{op} & T _{stg}	-55 to +150	°C
Maximum Thermal Resistance, Junction to Case		R _{θJC}	1.25	°C/W

Notes:

- ^{1/} For Ordering Information, Price, and Availability Contact Factory.
^{2/} Screened to MIL-PRF-19500.
^{3/} Unless Otherwise Specified, All Maximum Ratings/Electrical Characteristics @25°C.

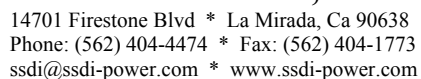
SPA560



NOTE: All specifications are subject to change without notification.
SCD's for these devices should be reviewed by SSDI prior to release.

DATA SHEET #: RA0091A

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