

DC COMPONENTS CO., LTD.

RECTIFIER SPECIALISTS

SR820 THRU SR860

TECHNICAL SPECIFICATIONS OF SCHOTTKY BARRIER RECTIFIER VOLTAGE RANGE - 20 to 60 Volts CURRENT - 8.0 Amperes

FEATURES

- * Low switching noise
- * Low forward voltage drop
- * Low thermal resistance
- * High current capability
- * High surge capabitity
- * High reliability

MECHANICAL DATA

* Case: Molded plastic

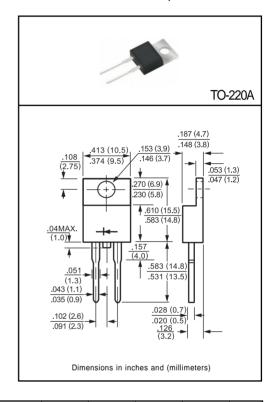
* Epoxy: UL 94V-0 rate flame retardant

* Lead: MIL-STD-202E, Method 208 guaranteed

* Polarity: As marked * Mounting position: Any * Weight: 2.24 grams

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Ratings at 25 °C ambient temperature unless otherwise specified. Single phase, half wave, 60 Hz, resistive or inductive load. For capacitive load, derate current by 20%.

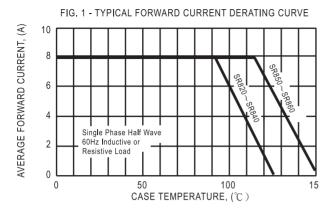


SR830	SR840	SR8	350	SR860	UNITS
20 30 40 50 60			60	Volts	
14 21 28 35 42			42	Volts	
20 30 40 50 60			60	Volts	
8.0				Amps	
150					Amps
.65 .75			.75	Volts	
IR 5.0					mAmps
50					
5.0				°C/W	
700				pF	
-65 to + 150				۰c	
-65 to + 150					٥C

NOTES: 1. Thermal Resistance Junction to Case per leg.

- 2. Measured at 1 MHz and applied reverse voltage of 4.0 volts.
- 3. Suffix "R" for Reverse Polarity.

RATING AND CHARACTERISTIC CURVES (SR820 THRU SR860)



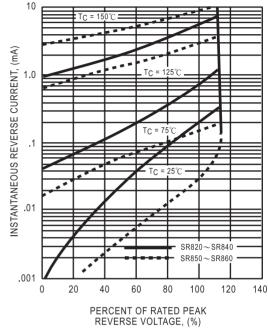


FIG. 2 - TYPICAL REVERSE CHARACTERISTICS

