

TYPE NUMBER	PEAK INVERSE VOLTAGE	MAXIMUM AVERAGE DC OUTPUT CURRENT		'EAK 1-CYCLE SURGE CURRENT $t_p = 8.3$ msec.	MAXIMUM FORWARD VOLTAGE (PULSED) PER LEG		MAXIMUM REVERSE CURRENT @ PIV/LEG		MAX. THERMAL RESIS. $R_{\theta JC}$	MAX. REVERSE RECOVERY TIME $t_{rr}$	PKG. STYLE
		Amps			V		Amps				
		55°C	100°C		25°C	100°C	25°C	100°C			
S25A15HEV	150	20	12.5	100	1.0	6.0	10	100	1.75	30	408
S25A60S7	600	15	9.0	100	1.75	9.0	5.0	100	1.75	70	
S25A60FR	600	18	10	100	1.6	9.0	5.0	100	1.75	150	
S25A100FRV	1000	15	9.0	100	1.65	9.0	5.0	100	1.75	250	
S25A100V	1000	20	12.5	150	1.4	9.0	5.0	100	1.75	5000	

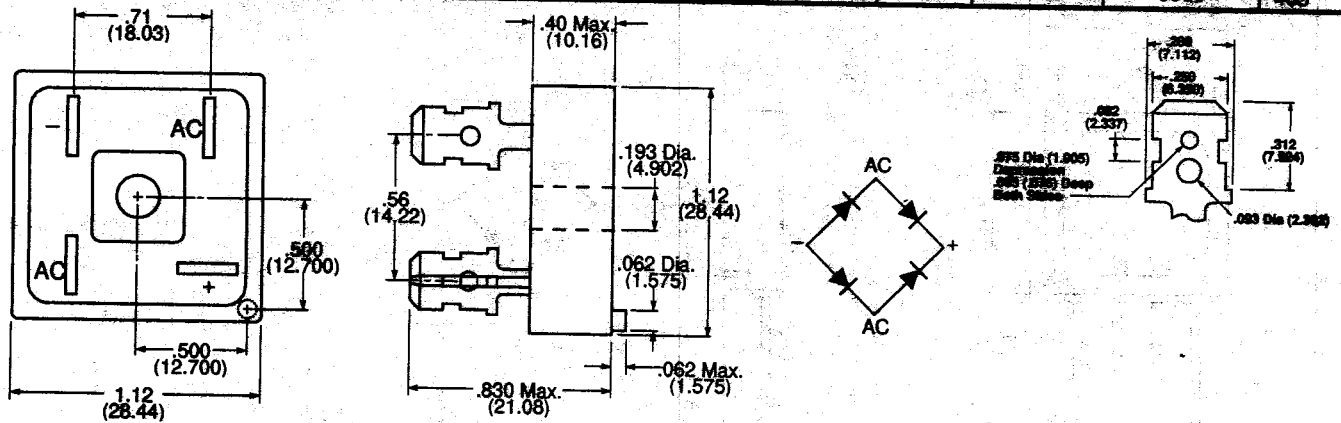


FIG. 403

Option A - Unfinished Aluminum

SL1515HEV	150	15	11	100	1.0	6.0	10	100	2.0	30	408
SL1560S7	600	11	8.0	100	1.75	9.0	5.0	100	2.0	70	
SL1560FR	600	12	9.0	100	1.6	9.0	5.0	100	2.0	150	
SL15100FRV	1000	11	8.0	100	1.75	9.0	5.0	100	2.0	250	
SL15100V	1000	15	11	125	1.4	9.0	5.0	100	2.0	5000	

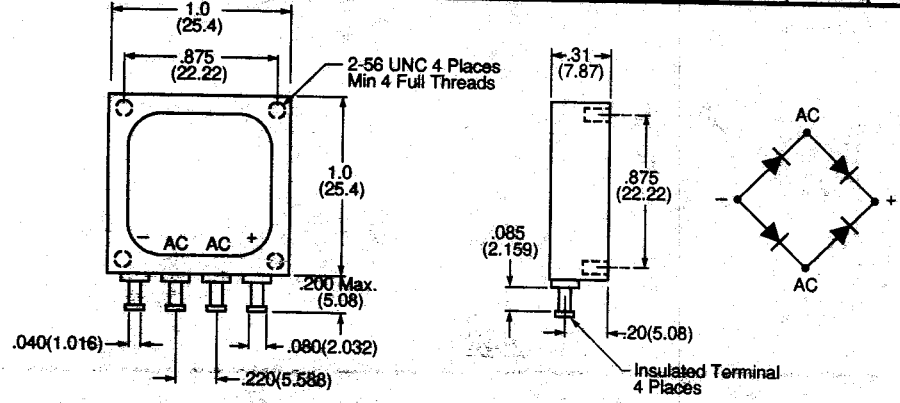


FIG. 408

▼150 Volt devices are available in; 50 & 100 Volt versions.  
 ▼1000 Volt devices are available in 200, 400, 600 & 800 Volt versions.

**Notes:**

- All ratings are at  $T_C = 25^\circ\text{C}$  unless otherwise specified.
- Maximum operating and storage temperature range  $-55^\circ\text{C}$  to  $+150^\circ\text{C}$ .
- ① Reverse recovery time conditions:  $I_F = 0.5\text{A}$ ,  $I_R = 1.0\text{A}$ ,  $t_{rr}$  measured when rectifier recovers to 0.25 Amps.
- $t_{rr}$  measured on discrete rectifiers prior to assembly.
- Add suffix L to the part number for leaded version; contact the factory for details.