









SINGLE PHASE FULL WAVE BRIDGE RECTIFIER ASSEMBLIES

SUPER FAST RECOVERY, FAST RECOVERY, GENERAL PURPOSE

TYPE NUMBER	PEAK INVERSE VOLTAGE	MAXIMUM AVERAGE DC OUTPUT CURRENT		PEAK 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 ①	PKG. STYLE
		Amps			V	A	μ Amps				
		Volts	55°C				100°C	Amps			
S10A15HE▼	150	15	11	150	1.0	6.0	10	100	2.0	30	
S10A60S7	600	9.0	6.75	100	1.75	9.0	5.0	100	2.0	70	
S10A60FR	600	10	7.5	100	1.6	9.0	2.0	100	2.0	150	
S10A100FR▼	1000	9.0	6.75	100	1.75	9.0	5.0	100	2.0	250	
S10A100▼	1000	12	9.0	125	1.4	9.0	2.0	100	2.0	5000	
S6A15HE▼	150	7.5	5.5	60	1.2	3.0	5.0	100	5.0	30	
S6A100FR▼	1000	5.0	3.5	25	1.7	3.0	2.0	50	5.0	300	
S6A100▼	1000	6.0	4.5	50	1.4	3.0	2.0	50	5.0	5000	
S25A15HE▼	150	20	12.5	150	1.0	6.0	10	100	1.75	30	
S25A60S7	600	15	9.0	100	1.75	9.0	5.0	100	1.75	70	
S25A60FR	600	16	10	125	1.6	9.0	5.0	100	1.75	150	
S25A100FR▼	1000	15	9.0	100	1.65	9.0	5.0	100	1.75	250	
S25A100▼	1000	20	12.5	150	1.4	9.0	5.0	100	1.75	5000	
SL1515HE▼	150	15	11	150	1.0	6.0	10	100	2.0	30	
SL1560S7	600	11	8.0	100	1.75	9.0	5.0	100	2.0	70	
SL1560FR	600	12	9.0	125	1.6	9.0	5.0	100	2.0	150	
SL15100FR▼	1000	11	8.0	100	1.75	9.0	5.0	100	2.0	250	
SL15100▼	1000	15	11	125	1.4	9.0	5.0	100	2.0	5000	
SL1515HEL▼	150	15	11	150	1.0	6.0	10	100	2.0	30	
SL1560S7L	600	11	8.0	100	1.75	9.0	5.0	100	2.0	70	
SL1560FRL	600	12	9.0	125	1.6	9.0	5.0	100	2.0	150	
SL15100FRL▼	1000	11	8.0	100	1.75	9.0	5.0	100	2.0	250	
SL15100L▼	1000	15	11	125	1.4	9.0	5.0	100	2.0	5000	
S439DA	200	30	18	225	1.0	6.0	10	100	1.5	30	
S439GA	600	18	11	120	2.4	6.0	10	200	1.5	30	
S439IE▼	1000	30	18	225	1.35	10	10	200	1.5	250	
*M19500/469-01	200	10	6.0	100	1.35	15.7	2.0	125	-	2000	
*M19500/469-02	400	10	6.0	100	1.35	15.7	2.0	125	-	2000	
*M19500/469-03	600	10	6.0	100	1.35	15.7	2.0	125	-	2000	
*M19500/469-04	800	10	6.0	100	1.35	15.7	2.0	125	-	2000	
*M19500/469-05▼	1000	10	6.0	100	1.35	15.7	2.0	125	-	2000	
*SPA25	100	25	15	150	1.4	39	2.0	150	-	2000	
*SPB25	200	25	15	150	1.4	39	2.0	150	-	2000	
*SPC25	400	25	15	150	1.4	39	2.0	150	-	2000	
*SPD25	600	25	15	150	1.4	39	2.0	150	-	2000	

Notes:

-All ratings are at $T_C = 25^\circ\text{C}$ unless otherwise specified.

▼150 Volt devices are available in: 50 & 100 Volt version:

-Maximum operating and storage temperature range -55°C to $+150^\circ\text{C}$.

▼1000 Volt devices are available in 200, 400, 600 & 800 Volt version:

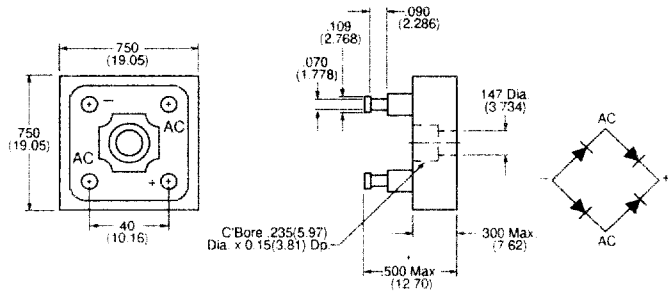
① Reverse recovery time conditions: $I_f = 0.5\text{A}$, $I_r = 1.0\text{A}$, t_{rr} measured when rectifier recovers to 0.25 Amps.

t_{rr} measured on discrete rectifiers prior to assembly.

-Add suffix L to the part number for leaded version; contact the factory for details.

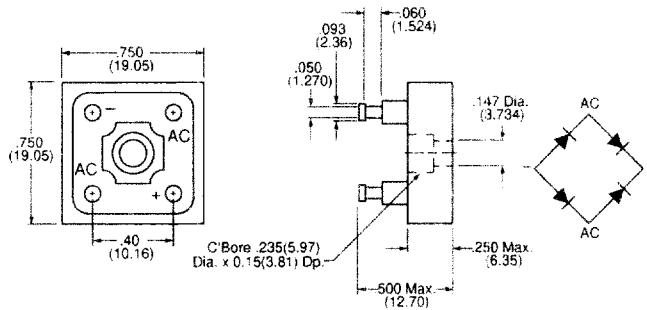
* MIL-PRF-19500 QPL Products

FIG. 401



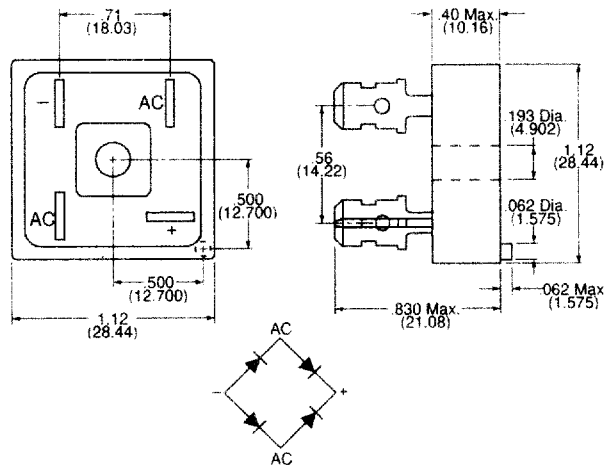
Standard - C'Bore Diameter .235 (5.97)
 Option A - .147" Dia. Thru Hole (No C'Bore)
 Option B - 6/32 Threaded Thru (No C'Bore)

FIG. 402



Standard - C'Bore Diameter .235 (5.97)
 Option A - .147" Dia. Thru Hole (No C'Bore)
 Option B - 6/32 Threaded Thru (No C'Bore)

FIG. 403



Option A - Unfinished Aluminum

FIG. 408L

