

11 AMP THREE PHASE BRIDGE RECTIFIERS**GENERAL PURPOSE, FAST RECOVERY, SUPER FAST RECOVERY****MAXIMUM RATINGS**

TYPE NUMBER	PIV PER LEG	MAX. AVERAGE D.C. OUTPUT CURRENT ①			MAX. AVERAGE D.C. OUTPUT CURRENT ②			PEAK 1 CY. SUR CUR.	PEAK RECUR. SURGE	MAX. FWD VOLTAGE PER LEG		MAX. REVERSE CURRENT AT PIV/LEG		③ THERM IMP θ_{JC}	④ MAX REC TIME
		AMPS AT T_C			AMPS AT T_A			25°C	25°C	25°C		u Amps		°C/W	nSEC
		V	55°C	100°C	125°C	25°C	55°C	100°C	AMPS	AMPS	V	A	25°C	100°C	
S10A320	200	11	8.0	5.5	4.0	3.0	2.0	125	60	1.3	9.0	2.0	100	3.0	5000
S10A340	400	11	8.0	5.5	4.0	3.0	2.0	125	60	1.3	9.0	2.0	100	3.0	5000
S10A360	600	11	8.0	5.5	4.0	3.0	2.0	125	60	1.3	9.0	2.0	100	3.0	5000
S10A380	800	11	8.0	5.5	4.0	3.0	2.0	125	60	1.4	9.0	2.0	100	3.0	5000
S10A3100	1000	11	8.0	5.5	4.0	3.0	2.0	125	60	1.4	9.0	2.0	100	3.0	5000
S10A305FR	50	9.5	7.0	5.0	4.0	3.0	2.0	100	50	1.6	9.0	2.0	100	3.0	150
S10A310FR	100	9.5	7.0	5.0	4.0	3.0	2.0	100	50	1.6	9.0	2.0	100	3.0	150
S10A320FR	200	9.5	7.0	5.0	4.0	3.0	2.0	100	50	1.6	9.0	2.0	100	3.0	150
S10A340FR	400	9.5	7.0	5.0	4.0	3.0	2.0	100	50	1.6	9.0	2.0	100	3.0	150
S10A360FR	600	9.5	7.0	5.0	4.0	3.0	2.0	100	50	1.6	9.0	2.0	100	3.0	150
S10A380FR	800	8.6	6.3	4.5	3.6	2.7	1.8	100	50	1.75	9.0	5.0	100	3.0	175
S10A3100FR	1000	8.6	6.3	4.5	3.6	2.7	1.8	100	50	1.75	9.0	5.0	100	3.0	175
S10A320S7	200	8.6	6.3	4.5	3.6	2.7	1.8	100	50	1.75	9.0	5.0	100	3.0	70
S10A340S7	400	8.6	6.3	4.5	3.6	2.7	1.8	100	50	1.75	9.0	5.0	100	3.0	70
S10A360S7	600	8.6	6.3	4.5	3.6	2.7	1.8	100	50	1.75	9.0	5.0	100	3.0	70
S10A305HE	50	15	9.0	5.0	4.75	3.75	2.25	150	65	1.0	6.0	10	100	3.0	30
S10A310HE	100	15	9.0	5.0	4.75	3.75	2.25	150	65	1.0	6.0	10	100	3.0	30
S10A315HE	150	15	9.0	5.0	4.75	3.75	2.25	150	65	1.0	6.0	10	100	3.0	30

① T_C = Case Temperature② T_A = Ambient Temperature, No Heat Sink

③ Maximum Thermal Impedance Junction to Case

④ Recovery Conditions: $I_F = 0.5A$ $I_R = 1.0A$ trr measured when rectifier recovers to 0.25 Amps

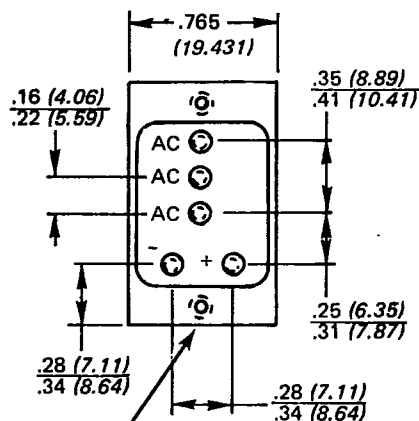
Trr measured on discrete rectifiers prior to assembly

Operating and storage temperature -55°C to +150°C

Case Finish: Black Anodized

TOLERANCES INCHES XX ±.020
XXX ±.010METRIC XX ±(.508)
XXX ±(.254)

(EXCEPT AS NOTED)



4-40 UNC (2 PLCS)

OPTION "A" .128" THRU HOLE

CONSULT FACTORY FOR PART NUMBER

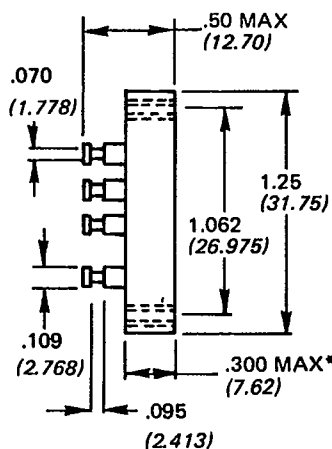


FIG 410

*POTTING SURFACE UNCONTROLLED

