






Fast Turn Off Thyristors - Capsule Type

WESTCODE

Westcode "P" series of fast switching thyristors have regenerative gate structure to ensure low switching losses and high di/dt performance. "P" Series devices are particularly attractive to; Inverter, DC chopper drives, UPS and Pulse Power applications. In addition to pressure contact technology these devices offer lower reverse recovery charge values, low forward switching losses and high reliability.

Type Part No. ➤ New	V_{DRM} V_{RRM} V	I_{TAV} $T_K = 55^\circ C$ A	I_{TSM} 10 ms $\frac{1}{2}$ sine $V_R \leq 60\% V_{RRM}$ A	I^2t $\frac{1}{2}$ sine A ² s	t_q @ 200 V/ μ s μ s	Typ. Reverse Recovery Charge $T_{JM}, 50\%$ Chord			V_{TO} @ T_{JM} V	r_T @ T_{JM} m Ω	T_{JM} °C	R_{thJK} d.c. 180° sine K/W	Fig. No.	Package style Outlines on pages O-01...O-24
	Q_{rr} μ C	@ I_{TM} A	@ -di/dt A/ μ s											
P0295WC12D	1200	295	2700	36.5 x 10 ³	20	50	300	20	1.600	1.230	125	0.095	W8	
P0295WC12E	1200	295	2700	36.5 x 10 ³	25	50	300	20	1.600	1.230	125	0.095	W8	
P0295WC12F	1200	295	2700	36.5 x 10 ³	30	50	300	20	1.600	1.230	125	0.095	W8	
P0327WC08C	800	327	3250	52.8 x 10 ³	15	80	300	20	1.550	0.870	125	0.095	W8	 W8 Weight 70 g
P0327WC08D	800	327	3250	52.8 x 10 ³	20	80	300	20	1.550	0.870	125	0.095	W8	
P0327WC08E	800	327	3250	52.8 x 10 ³	25	80	300	20	1.550	0.870	125	0.095	W8	
P0327WC08F	800	327	3250	52.8 x 10 ³	30	80	300	20	1.550	0.870	125	0.095	W8	
P0327WC10C	1000	327	3250	52.8 x 10 ³	15	80	300	20	1.550	0.870	125	0.095	W8	
P0327WC10D	1000	327	3250	52.8 x 10 ³	20	80	300	20	1.550	0.870	125	0.095	W8	
P0327WC10E	1000	327	3250	52.8 x 10 ³	25	80	300	20	1.550	0.870	125	0.095	W8	
P0327WC10F	1000	327	3250	52.8 x 10 ³	30	80	300	20	1.550	0.870	125	0.095	W8	
P0327WC12C	1200	327	3250	52.8 x 10 ³	15	80	300	20	1.550	0.870	125	0.095	W8	
P0327WC12D	1200	327	3250	52.8 x 10 ³	20	80	300	20	1.550	0.870	125	0.095	W8	
P0327WC12E	1200	327	3250	52.8 x 10 ³	25	80	300	20	1.550	0.870	125	0.095	W8	
P0327WC12F	1200	327	3250	52.8 x 10 ³	30	80	300	20	1.550	0.870	125	0.095	W8	
P0366WC04A	400	366	4700	110 x 10 ³	10	40	300	20	1.400	0.670	125	0.095	W8	 W9 Weight 90 g
P0366WC04B	400	366	4700	110 x 10 ³	12	40	300	20	1.400	0.670	125	0.095	W8	
P0366WC04C	400	366	4700	110 x 10 ³	15	40	300	20	1.400	0.670	125	0.095	W8	
P0366WC04D	400	366	4700	110 x 10 ³	20	40	300	20	1.400	0.670	125	0.095	W8	
P0366WC06A	600	366	4700	110 x 10 ³	10	40	300	20	1.400	0.670	125	0.095	W8	
P0366WC06B	600	366	4700	110 x 10 ³	12	40	300	20	1.400	0.670	125	0.095	W8	
P0366WC06C	600	366	4700	110 x 10 ³	15	40	300	20	1.400	0.670	125	0.095	W8	
P0366WC06D	600	366	4700	110 x 10 ³	20	40	300	20	1.400	0.670	125	0.095	W8	
P0366WC08A	800	366	4700	110 x 10 ³	10	40	300	20	1.400	0.670	125	0.095	W8	
P0366WC08B	800	366	4700	110 x 10 ³	12	40	300	20	1.400	0.670	125	0.095	W8	
P0366WC08C	800	366	4700	110 x 10 ³	15	40	300	20	1.400	0.670	125	0.095	W8	
P0366WC08D	800	366	4700	110 x 10 ³	20	40	300	20	1.400	0.670	125	0.095	W8	
P0367WC12E	1200	367	3600	64.8 x 10 ³	25	80	300	20	1.170	0.920	125	0.095	W8	 W10 Weight 340 g
P0367WC12F	1200	367	3600	64.8 x 10 ³	30	80	300	20	1.170	0.920	125	0.095	W8	
P0367WC12G	1200	367	3600	64.8 x 10 ³	35	80	300	20	1.170	0.920	125	0.095	W8	
P0389WC04B	400	389	5000	125 x 10 ³	12	50	300	20	1.050	0.880	125	0.095	W8	 W60 Weight 340 g
P0389WC04C	400	389	5000	125 x 10 ³	15	50	300	20	1.050	0.880	125	0.095	W8	
P0389WC04D	400	389	5000	125 x 10 ³	20	50	300	20	1.050	0.880	125	0.095	W8	
P0389WC08B	800	389	5000	125 x 10 ³	12	50	300	20	1.050	0.880	125	0.095	W8	
P0389WC08C	800	389	5000	125 x 10 ³	15	50	300	20	1.050	0.880	125	0.095	W8	
P0389WC08D	800	389	5000	125 x 10 ³	20	50	300	20	1.050	0.880	125	0.095	W8	
P0515WC04B	400	515	6500	211 x 10 ³	12	180	300	20	0.950	0.377	125	0.095	W8	
P0515WC04C	400	515	6500	211 x 10 ³	15	180	300	20	0.950	0.377	125	0.095	W8	
P0515WC04D	400	515	6500	211 x 10 ³	20	180	300	20	0.950	0.377	125	0.095	W8	
P0515WC06B	600	515	6500	211 x 10 ³	12	180	300	20	0.950	0.377	125	0.095	W8	
P0515WC06C	600	515	6500	211 x 10 ³	15	180	300	20	0.950	0.377	125	0.095	W8	
P0515WC06D	600	515	6500	211 x 10 ³	20	180	300	20	0.950	0.377	125	0.095	W8	
➤ P0838LS06B	600	836	12300	750 x 10 ³	12	160	800	50	1.200	0.280	125	0.047	W60	
➤ P0838LS06C	600	836	12300	750 x 10 ³	15	160	800	50	1.200	0.280	125	0.047	W60	
➤ P0838LS06D	600	836	12300	750 x 10 ³	20	160	800	50	1.200	0.280	125	0.047	W60	
➤ P0838LC06B	600	836	12300	750 x 10 ³	12	160	800	50	1.200	0.280	125	0.047	W10	
➤ P0838LC06C	600	836	12300	750 x 10 ³	15	160	800	50	1.200	0.280	125	0.047	W10	
➤ P0838LC06D	600	836	12300	750 x 10 ³	20	160	800	50	1.200	0.280	125	0.047	W10	
P0848YS04B	400	848	8750	383 x 10 ³	12	170	550	40	1.010	0.305	125	0.050	W9	
P0848YS04C	400	848	8750	383 x 10 ³	15	170	550	40	1.010	0.305	125	0.050	W9	
P0848YS04D	400	848	8750	383 x 10 ³	20	170	550	40	1.010	0.305	125	0.050	W9	
P0848YS06B	600	848	8750	383 x 10 ³	12	170	550	40	1.010	0.305	125	0.050	W9	
P0848YS06C	600	848	8750	383 x 10 ³	15	170	550	40	1.010	0.305	125	0.050	W9	
P0848YS06D	600	848	8750	383 x 10 ³	20	170	550	40	1.010	0.305	125	0.050	W9	
P1007LS08D	800	1007	9500	451 x 10 ³	20	400	800	50	1.509	0.265	125	0.032	W60	
P1007LS08E	800	1007	9500	451 x 10 ³	25	400	800	50	1.509	0.265	125	0.032	W60	
P1007LS08F	800	1007	9500	451 x 10 ³	30	400	800	50	1.509	0.265	125	0.032	W60	
P1007LS12D	1200	1007	9500	451 x 10 ³	20	400	800	50	1.509	0.265	125	0.032	W60	
P1007LS12E	1200	1007	9500	451 x 10 ³	25	400	800	50	1.509	0.265	125	0.032	W60	
P1007LS12F	1200	1007	9500	451 x 10 ³	30	400	800	50	1.509	0.265	125	0.032	W60	