

## Fast Switching Thyristors - Capsule Type

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		$V_{DRM} / V_{RRM}$	$I_{TAV}$ $T_K=55^\circ\text{C}$	$I_{TSM}$ 10ms 1/2 sine $V_R=60\% V_{RRM}$	$I^2t$ $V_R=60\% V_{RRM}$	$t_q$ @ 200V/ $\mu\text{s}$	Typ. Reverse Recovery Charge $T_{JM}, 50\%$ Chord			$V_{T0}$ @ $T_{JM}$	$r_T$ @ $T_{JM}$	$T_{JM}$	$R_{thJK}$ d.c. 180° sine	Fig. No.
Part No.	Old Part No.	V	A	A	$\text{A}^2\text{s}$	$\mu\text{s}$	$Q_f$ $\mu\text{C}$	A	A/ $\mu\text{s}$	V	m $^2$	$^\circ\text{C}$	K/W	
<a href="#">P0295WC12D</a>	P200CH12	1200	295	2700	$44.1 \times 10^3$	20	25	300	20	1.60	1.23	125	0.095	W8
<a href="#">P0295WC12E</a>	P200CH12	1200	295	2700	$44.1 \times 10^3$	25	25	300	20	1.60	1.23	125	0.095	W8
<a href="#">P0295WC12F</a>	P200CH12	1200	295	2700	$44.1 \times 10^3$	30	25	300	20	1.60	1.23	125	0.095	W8
<a href="#">P0327WC12D</a>	P202CH12	1200	327	3250	$63.9 \times 10^3$	20	30	300	20	1.55	0.87	125	0.095	W8
<a href="#">P0327WC12E</a>	P202CH12	1200	327	3250	$63.9 \times 10^3$	25	30	300	20	1.55	0.87	125	0.095	W8
<a href="#">P0327WC12F</a>	P202CH12	1200	327	3250	$63.9 \times 10^3$	30	30	300	20	1.55	0.87	125	0.095	W8
<a href="#">P0366WC04A</a>	P214CH04	400	366	4700	$134 \times 10^3$	10	20	300	20	1.40	0.67	125	0.095	W8
<a href="#">P0366WC04B</a>	P214CH04	400	366	4700	$134 \times 10^3$	12	20	300	20	1.40	0.67	125	0.095	W8
<a href="#">P0366WC04C</a>	P214CH04	400	366	4700	$134 \times 10^3$	15	20	300	20	1.40	0.67	125	0.095	W8
<a href="#">P0366WC08A</a>	P214CH08	800	366	4700	$134 \times 10^3$	10	20	300	20	1.40	0.67	125	0.095	W8
<a href="#">P0366WC08B</a>	P214CH08	800	366	4700	$134 \times 10^3$	12	20	300	20	1.40	0.67	125	0.095	W8
<a href="#">P0366WC08C</a>	P214CH08	800	366	4700	$134 \times 10^3$	15	20	300	20	1.40	0.67	125	0.095	W8
<a href="#">P0367WC12E</a>	P205CH12	1200	367	3600	$78.4 \times 10^3$	25	45	300	20	1.17	0.92	125	0.095	W8
<a href="#">P0367WC12F</a>	P205CH12	1200	367	3600	$78.4 \times 10^3$	30	45	300	20	1.17	0.92	125	0.095	W8
<a href="#">P0367WC12G</a>	P205CH12	1200	367	3600	$78.4 \times 10^3$	35	45	300	20	1.17	0.92	125	0.095	W8
<a href="#">P0389WC04C</a>	P215CH04	400	389	5000	$151 \times 10^3$	15	30	300	20	1.05	0.88	125	0.095	W8
<a href="#">P0389WC04D</a>	P215CH04	400	389	5000	$151 \times 10^3$	20	30	300	20	1.05	0.88	125	0.095	W8
<a href="#">P0389WC08C</a>	P215CH08	800	389	5000	$151 \times 10^3$	15	30	300	20	1.05	0.88	125	0.095	W8
<a href="#">P0389WC08D</a>	P215CH08	800	389	5000	$151 \times 10^3$	20	30	300	20	1.05	0.88	125	0.095	W8
<a href="#">P0515WC04B</a>	P270CH04	400	515	6500	$256 \times 10^3$	12	70	300	20	0.950	0.377	125	0.095	W8
<a href="#">P0515WC04C</a>	P270CH04	400	515	6500	$256 \times 10^3$	15	70	300	20	0.950	0.377	125	0.095	W8
<a href="#">P0515WC04D</a>	P270CH04	400	515	6500	$256 \times 10^3$	20	70	300	20	0.950	0.377	125	0.095	W8
<a href="#">P0515WC06B</a>	P270CH06	600	515	6500	$256 \times 10^3$	12	70	300	20	0.950	0.377	125	0.095	W8
<a href="#">P0515WC06C</a>	P270CH06	600	515	6500	$256 \times 10^3$	15	70	300	20	0.950	0.377	125	0.095	W8
<a href="#">P0515WC06D</a>	P270CH06	600	515	6500	$256 \times 10^3$	20	70	300	20	0.950	0.377	125	0.095	W8
<a href="#">P0848YS04B</a>	P280SH04	400	848	8750	$463 \times 10^3$	12	80	550	40	1.04	0.29	125	0.05	W9a
<a href="#">P0848YS04C</a>	P280SH04	400	848	8750	$463 \times 10^3$	15	80	550	40	1.04	0.29	125	0.05	W9a
<a href="#">P0848YS04D</a>	P280SH04	400	848	8750	$463 \times 10^3$	20	80	550	40	1.04	0.29	125	0.05	W9a
<a href="#">P0848YS06B</a>	P280SH06	600	848	8750	$463 \times 10^3$	12	80	550	40	1.04	0.29	125	0.05	W9a
<a href="#">P0848YS06C</a>	P280SH06	600	848	8750	$463 \times 10^3$	15	80	550	40	1.04	0.29	125	0.05	W9a
<a href="#">P0848YS06D</a>	P280SH06	600	848	8750	$463 \times 10^3$	20	80	550	40	1.04	0.29	125	0.050	W9a
<a href="#">P1007LS12D</a>	P300SH12	1200	1007	9500	$5.46 \times 10^5$	20	120	800	50	1.509	0.265	125	0.032	W10a
<a href="#">P1007LS12E</a>	P300SH12	1200	1007	9500	$5.46 \times 10^5$	25	120	800	50	1.509	0.265	125	0.032	W10a
<a href="#">P1007LS12F</a>	P300SH12	1200	1007	9500	$5.46 \times 10^5$	30	120	800	50	1.509	0.265	125	0.032	W10a