









# Rectifier Diodes - Capsule Types

Product Line of

## WESTCODE

An IXYS Company

Type	$V_{FRM}$ V	$I_{FAV}$ @ $T_s=55^\circ\text{C}$ A	$I_{FRMS}$ @ $T_s=25^\circ\text{C}$ A	$I_{FSM}$ 10 ms $V_R \leq 60\% V_{FRM}$ A	$V_{TD}$ @ $T_{Jmax}$ V	$r_T$ m $\Omega$	$T_{Jmax}$ $^\circ\text{C}$	$R_{thJS}$ K/W	Fig. No.	Package style Outline drawings on page 101-105
SW06-15CXC300	600-1500	646	1170	5500	0.95	0.75	180	0.090	W1	Fig. W1 Weight 70 g 
SW16-24CXC320	1600-2400	614	1100	4000	1.00	0.83	180	0.090		
SW16-24CXC380	1600-2400	642	1160	5500	0.99	0.74	190	0.090		
SW04-15CXC400	400-1500	797	1420	7500	0.80	0.55	190	0.090		
SW04-15CXC470	400-1500	944	1694	9000	0.79	0.342	190	0.090		
SW20-32CXC445	2000-3200	1074	1985	10800	0.92	0.39	160	0.050	W2	Fig. W2 Weight 80 g
SW16-25CXC565	1600-2500	1263	2290	11700	0.87	0.33	175	0.050		
SW36-45HXC270	3600-4500	507	937	9000	0.97	0.88	160	0.100	W3	
SW50-56CXC350	5000-5600	1032	1910	7200	1.00	0.702	150	0.033	W4	
SW36-45CXC515	3000-4500	1185	2171	9200	1.00	0.575	160	0.033		
SW30-36CXC595	3000-3600	1411	2590	10600	0.90	0.388	160	0.033		
SW24-30CXC635	2400-3000	1524	2800	12700	0.87	0.323	160	0.033		
SW04-22CXC805	400-2200	1748	3160	15400	0.87	0.28	175	0.033		
SW02-12CXC935	200-1200	2058	3730	19500	0.79	0.192	175	0.033		
SW50-60CXC500	5000-6000	1294	2400	10000	1.15	0.684	150	0.022	W5	Fig. W3 Weight 141 g 
SW50-60CXC620	5000-6000	1520	2830	12000	1.15	0.45	150	0.022		
SW40-50CXC680	4000-5000	1608	2930	13000	0.975	0.501	160	0.022		
SW40-50CXC815	4000-5000	1856	3400	16000	0.975	0.348	160	0.022		
SW30-40CXC820	3000-4000	2052	3755	19500	0.865	0.288	160	0.022		
SW36-45CXC920	3600-4500	2052	3750	19000	0.80	0.30	160	0.022	W4	Fig. W4 Weight 340 g 
SW30-40CXC930	3000-4000	2134	3900	20000	0.865	0.26	160	0.022		
SW16-25CXC950	1600-2500	2416	4430	25500	0.78	0.20	160	0.022		
SW16-25CXC11C	1600-2500	2624	4830	28000	0.78	0.16	160	0.022		
SW02-20CXC14C	200-2000	3270	5920	33000	0.73	0.116	175	0.022		
SW02-06CXC19C	200-600	4534	8190	40000	0.765	0.0524	190	0.022		
SW36-45CXC818	3600-4500	2020	3705	18000	1.00	0.32	160	0.020	W6	
SW30-40CXC1170	3000-4000	2664	4900	26500	0.824	0.174	160	0.020		
SW28-35CXC12C	2800-3500	2958	5340	28000	0.807	0.167	175	0.020		
SW36-45CXC1100	3600-4500	2820	5265	26200	1.30	0.147	160	0.016		
SW30-40CXC13C	3000-4000	3128	5600	30000	0.875	0.158	160	0.016		
SW16-28CXC16C	1600-2800	3697	6840	40000	0.86	0.10	160	0.016	W7	Fig. W5 Weight 510 g 
SW02-14CXC22C	200-1400	5439	9700	52000	0.65	0.067	190	0.016		
SW02-14CXC27C	200-1400	5696	10160	53000	0.65	0.06	190	0.016		
SW40-50CXC15C	4000-5000	3743	6870	35000	0.976	0.17	160	0.011		
SW24-35CXC18C	2400-3500	5092	9415	58000	0.874	0.0794	160	0.011		
SW34-45CXC1870	3400-4500	4096	7460	41700	0.73	0.158	160	0.011	W7	
SW20-30CXC20C	2000-3000	4307	7875	55000	0.80	0.133	160	0.011		
SW20-30CXC21C	2000-3000	5282	9830	60000	0.97	0.064	160	0.011		
SW12-22CXC26C	1200-2200	5838	10560	64000	0.80	0.074	175	0.011		
SW12-24CXC2850	1200-2400	6262	11327	67000	0.74	0.0647	175	0.011		
SW02-14CXC30C	200-1400	7675	13670	68000	0.65	0.05	190	0.011	W7	
SW02-14CXC32C	200-1400	8405	15025	72000	0.67	0.038	190	0.011		

Capsule outlines available with the following compressed heights:

Outline 100A270

27.0 / 25.5 = ordering code SWxxFXCxxx, e.g. SW14FXC27C

Outline 100A293

25.6 / 26.9 = ordering code SWxxDXCxxx, e.g. SW10DXC32C

Fig. W7  
Weight 1700 g

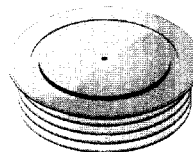


Fig. W6  
Weight 1000 g

