















15 V, HERMETIC POWER SCHOTTKY RECTIFIERS

TYPE NUMBER	PEAK INVERSE VOLTAGE	MAXIMUM AVERAGE DC OUTPUT CURRENT T <sub>C</sub> = 70°C	PEAK 1-CYCLE SURGE CURRENT (8.3ms)	MAXIMUM PEAK FORWARD VOLTAGE (PULSED)				MAXIMUM REVERSE CURRENT @ PIV		MAXIMUM JUNCTION CAP. V <sub>r</sub> = 5V	MAXIMUM THERMAL RESIS. R <sub>θJC</sub>	PKG. STYLE
				25°C		75°C		25°C/100°C				
				V	A	V	A	mA	mA			
SHD116068	15	3.0	55	0.37	3.0	0.33	3.0	1.5	70	240	3.7	
SHD116168	15	7.5	140	0.37	7.5	0.33	7.5	3.5	170	600	1.7	
SHD116268	15	15	280	0.37	15	0.33	15	7	340	1200	0.85	
SHD116068A	15	3.0	55	0.37	3.0	0.33	3.0	1.5	70	240	3.7	
SHD116168A	15	7.5	140	0.37	7.5	0.33	7.5	3.5	170	600	1.7	
SHD116268A	15	15	280	0.37	15	0.33	15	7	340	1200	0.85	
SHD116068B	15	3.0	55	0.37	3.0	0.33	3.0	1.5	70	240	3.7	
SHD116168B	15	7.5	140	0.37	7.5	0.33	7.5	3.5	170	600	1.7	
SHD116268B	15	15	280	0.37	15	0.33	15	7	340	1200	0.85	
SHD115168	15	7.5	140	0.37	7.5	0.33	7.5	3.5	170	600	1.7	
SHD115268	15	15	280	0.37	15	0.33	15	7	340	1200	0.85	
SHD115468	15	30	570	0.37	30	0.33	30	14	680	2400	0.50	
SHD115568	15	60	860	0.41	60	0.37	60	20	1000	3600	0.35	
SHD115168A	15	7.5	140	0.37	7.5	0.33	7.5	3.5	170	600	1.7	
SHD115268A	15	15	280	0.37	15	0.33	15	7	340	1200	0.85	
SHD115468A	15	30	570	0.37	30	0.33	30	14	680	2400	0.50	
SHD115568A	15	60	860	0.41	60	0.37	60	20	1000	3600	0.35	
SHD115168B	15	7.5	140	0.37	7.5	0.33	7.5	3.5	170	600	1.7	
SHD115268B	15	15	280	0.37	15	0.33	15	7	340	1200	0.85	
SHD115468B	15	30	570	0.37	30	0.33	30	14	680	2400	0.50	
SHD115568B	15	60	860	0.41	60	0.37	60	20	1000	3600	0.35	



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TYPE NUMBER	PEAK INVERSE VOLTAGE	MAXIMUM AVERAGE DC OUTPUT CURRENT $T_C = 70^\circ\text{C}$	PEAK 1 CYCLE SURGE CURRENT (8.3ms)	MAXIMUM PEAK FORWARD VOLTAGE (PULSED)				MAXIMUM REVERSE CURRENT @ PIV		MAXIMUM JUNCTION CAP. $V_r = 5\text{V}$	MAXIMUM THERMAL RESIS. $R_{\theta JC}$	PKG. STYLE
				25°C		75°C		100°C				
				V	A	V	A	mA	mA			
SHD114268	15	15	280	0.37	15	0.33	15	7	340	1200	0.85	
SHD114468	15	30	570	0.37	30	0.33	30	14	680	2400	0.50	
SHD114568	15	60	860	0.41	60	0.37	60	20	1000	3600	0.35	
SHD114668	15	120	1650	0.41	120	0.37	120	40	2000	7200	0.20	
SHD114268A	15	15	280	0.37	15	0.33	15	7	340	1200	0.85	
SHD114468A	15	30	570	0.37	30	0.33	30	14	680	2400	0.50	
SHD114568A	15	60	860	0.41	60	0.37	60	20	1000	3600	0.35	
SHD114668A	15	120	1650	0.41	120	0.37	120	40	2000	7200	0.20	
SHD114268B	15	15	280	0.37	15	0.33	15	7	340	1200	0.85	
SHD114468B	15	30	570	0.37	30	0.33	30	14	680	2400	0.50	
SHD114568B	15	60	860	0.41	60	0.37	60	20	1000	3600	0.35	
SHD114668B	15	120	1650	0.41	120	0.37	120	40	2000	7200	0.20	
SHD120068	15	3.0	55	0.42	3.0	0.38	3.0	1.5	70	240	5.95	
SHD120168	15	7.5	140	0.43	7.5	0.39	7.5	3.5	170	600	2.45	
SHD120268	15	15	150	0.46	15	0.42	15	7	340	1200	1.21	
SHD119268	15	15	200	0.46	15	0.42	15	7	340	1200	1.21	
SHD119468	15	30	200	0.46	30	0.42	30	14	680	2400	0.61	
SHD119568	15	45	200	0.52	45	0.46	45	20	1000	3600	0.47	
SHD119668	15	45	200	0.45	45	0.41	45	40	2000	7200	0.25	
SPECIAL ORDER PARTS TO 257 T <sub>max</sub> = 100°C												
SHD126068	15	3.0	55	0.47	3.0	0.43	3.0	1.5	70	240	6.35	
SHD126168	15	7.5	75	0.46	7.5	0.42	7.5	3.5	170	600	2.71	
SHD126268	15	15	75	0.50	15	0.46	15	7	340	1200	1.45	
SHD126468	15	16	75	0.46	16	0.42	16	14	680	2400	0.77	











15 V, HERMETIC POWER SCHOTTKY RECTIFIERS

TYPE NUMBER	PEAK INVERSE VOLTAGE	MAXIMUM AVERAGE DC OUTPUT CURRENT T <sub>C</sub> = 70°C	PEAK 1 CYCLE SURGE CURRENT (8.3ms)	MAXIMUM PEAK FORWARD VOLTAGE (PULSED)				MAXIMUM REVERSE CURRENT @ PIV		MAXIMUM JUNCTION CAP. V <sub>r</sub> = 5V	MAXIMUM THERMAL RESIS. R <sub>θJC</sub>	PKG. STYLE
				25°C		75°C		25°C	100°C			
				V	A	V	A	mA	mA			
SHD125268	15	15	150	0.46	15	0.42	15	7	340	1200	1.45	
SHD125468	15	30	150	0.54	30	0.50	30	14	680	2400	0.77	
SHD125568	15	35	150	0.55	35	0.51	35	20	1000	3600	0.60	
SHD125668	15	35	150	0.50	35	0.45	35	40	2000	7200	0.33	
SHD124268	15	15	200	0.46	15	0.42	15	7	340	1200	1.45	
SHD124468	15	30	200	0.54	30	0.50	30	14	680	2400	0.77	
SHD124568	15	45	200	0.63	45	0.58	45	20	1000	3600	0.60	
SHD124668	15	45	200	0.57	45	0.53	45	40	2000	7200	0.33	



15 V, HIGH CURRENT POWER SCHOTTKY RECTIFIERS



TYPE NUMBER	PEAK INVERSE VOLTAGE	MAXIMUM AVERAGE DC OUTPUT CURRENT T <sub>C</sub> = 70°C	PEAK 1 CYCLE SURGE CURRENT (8.3ms) PER LEG	MAXIMUM PEAK FORWARD VOLTAGE PER LEG (PULSED)				MAXIMUM REVERSE CURRENT PER LEG @ PIV		MAXIMUM JUNCTION CAP. PER LEG V <sub>r</sub> = 5V	MAXIMUM THERMAL RESIS. R <sub>θJC</sub>	PKG. STYLE
				25°C		75°C		25°C	100°C			
				V	A	V	A	mA	mA			
SHD122668D	15	120	1000	0.51	120	0.47	120	40	2000	7200	0.2	
SHD122668N	15	150	1000	0.51	120	0.47	120	40	2000	7200	0.2	
SHD122668P	15	150	1000	0.51	120	0.47	120	40	2000	7200	0.2	
SHD123668D	15	120	1000	0.51	120	0.47	120	40	2000	7200	0.2	
SHD123668N	15	150	1000	0.51	120	0.47	120	40	2000	7200	0.2	
SHD123668P	15	150	1000	0.51	120	0.47	120	40	2000	7200	0.2	

15 V, HERMETIC POWER SCHOTTKY RECTIFIERS



TYPE NUMBER	PEAK INVERSE VOLTAGE	MAXIMUM AVERAGE DC OUTPUT CURRENT T <sub>C</sub> = 70°C	PEAK 1-CYCLE SURGE CURRENT (8.3ms) PER LEG	MAXIMUM PEAK FORWARD VOLTAGE PER LEG (PULSED)				MAXIMUM REVERSE CURRENT PER LEG @ PIV		REVERSE JUNCTION CAP PER LEG V <sub>r</sub> = 5V	MAXIMUM THERMAL RESIS. R <sub>θJC</sub>	PKG. STYLE
				25°C		75°C		25°C 100°C				
				V	A	V	A	mA	mA			
SHD117068	15	6	55	0.37	3.0	0.33	3.0	1.5	70	240	1.8	
SHD117168	15	15	140	0.37	7.5	0.33	7.5	3.5	170	600	0.85	
SHD117268	15	30	280	0.37	15	0.33	15	7	340	1200	0.40	
SHD117068A	15	6	55	0.37	3.0	0.33	3.0	1.5	70	240	1.8	
SHD117168A	15	15	140	0.37	7.5	0.33	7.5	3.5	170	600	0.85	
SHD117268A	15	30	280	0.37	15	0.33	15	7	340	1200	0.40	
SHD117068B	15	6	55	0.37	3.0	0.33	3.0	1.5	70	240	1.8	
SHD117168B	15	15	140	0.37	7.5	0.33	7.5	3.5	170	600	0.85	
SHD117268B	15	30	280	0.37	15	0.33	15	7	340	1200	0.40	
SHD118168	15	15	140	0.37	7.5	0.33	7.5	3.5	170	600	0.85	
SHD118268	15	30	280	0.37	15	0.33	15	7	340	1200	0.40	
SHD118468	15	60	570	0.37	30	0.33	30	14	680	2400	0.25	
SHD118568	15	120	860	0.41	60	0.37	60	20	1000	3600	0.18	
SHD118168A	15	15	140	0.37	7.5	0.33	7.5	3.5	170	600	0.85	
SHD118268A	15	30	280	0.37	15	0.33	15	7	340	1200	0.40	
SHD118468A	15	60	570	0.37	30	0.33	30	14	680	2400	0.25	
SHD118568A	15	120	860	0.41	60	0.37	60	20	1000	3600	0.18	
SHD118168B	15	15	140	0.37	7.5	0.33	7.5	3.5	170	600	0.85	
SHD118268B	15	30	280	0.37	15	0.33	15	7	340	1200	0.40	
SHD118468B	15	60	570	0.37	30	0.33	30	14	680	2400	0.25	
SHD118568B	15	120	860	0.41	60	0.37	60	20	1000	3600	0.18	

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TYPE NUMBER	PEAK REVERSE VOLTAGE	MAXIMUM AVERAGE DC OUTPUT CURRENT T <sub>C</sub> = 70°C	PEAK 1 CYCLE SURGE CURRENT (8.3ms) PER LEG	MAXIMUM PEAK FORWARD VOLTAGE PER LEG (PULSED)				MAXIMUM REVERSE CURRENT PER LEG @ PIV		MAXIMUM JUNCTION CAP. PER LEG V <sub>J</sub> = 5V	MAXIMUM THERMAL RESIS. R <sub>θJC</sub>	PKG. STYLE
				25°C		75°C		25°C	100°C			
				V	A	V	A	mA	mA			
Volts	Amps	Amps	V	A	V	A	mA	mA	pF	°C/W		
SHD120068P	15	6	55	0.42	3.0	0.38	3.0	1.5	70	240	2.97	
SHD125168P	15	15	140	0.45	7.5	0.41	7.5	3.5	170	600	1.21	
SHD126268P	15	30	200	0.48	15	0.42	15	7	340	1200	0.61	

SHD126068D	15	3.0	55	0.47	3.0	0.43	3.0	1.5	70	240	3.17	
SHD126068N	15	6	55	0.47	3.0	0.43	3.0	1.5	70	240	3.17	
SHD126068P	15	6	55	0.47	3.0	0.43	3.0	1.5	70	240	3.17	
SHD126168D	15	7.5	75	0.46	7.5	0.42	7.5	3.5	170	600	1.36	
SHD126168N	15	15	75	0.46	7.5	0.42	7.5	3.5	170	600	1.36	
SHD126168P	15	15	75	0.46	7.5	0.42	7.5	3.5	170	600	1.36	
SHD126268D	15	15	75	0.50	15	0.46	15	7	340	1200	0.72	
SHD126268N	15	16	75	0.50	15	0.46	15	7	340	1200	0.72	
SHD126268P	15	16	75	0.50	15	0.46	15	7	340	1200	0.72	
SHD125068D	15	3	55	0.47	3.0	0.43	3.0	1.5	70	240	3.17	
SHD125068N	15	6	55	0.47	3.0	0.43	3.0	1.5	70	240	3.17	
SHD125068P	15	6	55	0.47	3.0	0.43	3.0	1.5	70	240	3.17	
SHD125168D	15	7.5	140	0.46	7.5	0.42	7.5	3.5	170	600	1.36	
SHD125168N	15	15	140	0.46	7.5	0.42	7.5	3.5	170	600	1.36	
SHD125168P	15	15	140	0.46	7.5	0.42	7.5	3.5	170	600	1.36	

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TYPE NUMBER	PEAK INVERSE VOLTAGE	MAXIMUM AVERAGE DC OUTPUT CURRENT T <sub>C</sub> = 70°C	PEAK 1 CYCLE SURGE CURRENT (8.3ms) PER LEG	MAXIMUM PEAK FORWARD VOLTAGE PER LEG (PULSED)				MAXIMUM REVERSE CURRENT PER LEG @ PIV		MAXIMUM JUNCTION CAP. PER LEG V <sub>r</sub> = 5V	MAXIMUM THERMAL RESIS. R <sub>θJC</sub>	PKG. STYLE
				25°C		75°C		25°C, 100°C				
				V	A	V	A	mA	mA			
SHD125268D	15	15	150	0.46	15	0.42	15	7	340	1200	0.72	
SHD125268N	15	30	150	0.46	15	0.42	15	7	340	1200	0.72	
SHD125268P	15	30	150	0.46	15	0.42	15	7	340	1200	0.72	
SHD125468P	15	35	150	0.54	30	0.50	30	14	680	2400	0.39	
SHD124168D	15	7.5	140	0.46	7.5	0.42	7.5	3.5	170	600	1.36	
SHD124168N	15	15	140	0.46	7.5	0.42	7.5	3.5	170	600	1.36	
SHD124168P	15	15	140	0.46	7.5	0.42	7.5	3.5	170	600	1.36	
SHD124268D	15	15	200	0.46	15	0.42	15	7	340	1200	0.72	
SHD124268N	15	30	200	0.46	15	0.42	15	7	340	1200	0.72	
SHD124268P	15	30	200	0.46	15	0.42	15	7	340	1200	0.72	
SHD124468D	15	30	200	0.54	30	0.50	30	14	680	2400	0.39	
SHD124468N	15	45	200	0.54	30	0.50	30	14	680	2400	0.39	
SHD124468P	15	45	200	0.54	30	0.50	30	14	680	2400	0.39	
SHD124568D	15	45	200	0.63	45	0.58	45	20	1000	3600	0.30	
SHD124568N	15	45	200	0.63	45	0.58	45	20	1000	3600	0.30	
SHD124568P	15	45	200	0.63	45	0.58	45	20	1000	3600	0.30	