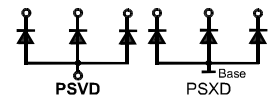
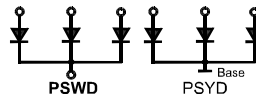


Diode Modules

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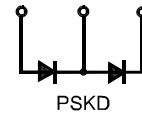
Type	V_{RRM} V_{DRM}	I_{TAVM} I_{FAVM}	T_C	I_{FSM} 45°C 10ms	V_{TO}	r_T	T_{VJM}	R_{thJC}	R_{thJH}	Figure	Package style see outlines starting at page 86
	V	A	°C	A	V	mΩ	°C	K/W	K/W		
PSVD 80/08 PSVD 80/12 PSVD 80/14 PSVD 80/16 PSVD 80/18	800 1200 1400 1600 1800	50	85	1200	0.8	5	150	0.9	1.08	2	Fig. 2 Weight = 270 g
PSVD 120/08 PSVD 120/12 PSVD 120/14 PSVD 120/16 PSVD 120/18	800 1200 1400 1600 1800	70	85	1800	0.8	3	150	0.65	0.83		
PSVD 175/08 PSVD 175/12 PSVD 175/14 PSVD 175/16 PSVD 175/18	800 1200 1400 1600 1800	100	85	2800	0.8	2.2	150	0.45	0.6		
PSWD 80/08 PSWD 80/12 PSWD 80/14 PSWD 80/16 PSWD 80/18	800 1200 1400 1600 1800	50	85	1200	0.8	5	150	0.9	1.08		
PSWD 120/08 PSWD 120/12 PSWD 120/14 PSWD 120/16 PSWD 120/18	800 1200 1400 1600 1800	70	85	1800	0.8	3	150	0.65	0.83		
PSWD 175/08 PSWD 175/12 PSWD 175/14 PSWD 175/16 PSWD 175/18	800 1200 1400 1600 1800	100	85	2800	0.8	2.2	150	0.45	0.6		





PSWD/PSVD 80/120/175 = isolated base
PSYD/PSXD 80/120/175 = non isolated base

Diode Modules

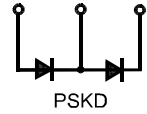
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Type	V _{RRM} V _{DRM} V	I _{TAVM} I _{FAVM} A	T _C °C	I _{FSM} 45°C 10ms A	V _{TO} V	r _T mΩ	T _{VJM} °C	R _{thJC} per Diode DC Current K/W	R _{thJH} per Diode DC Current K/W	Figure	Package style see outlines starting at page 86
PSKD 26/08 PSKD 26/12 PSKD 26/14 PSKD 26/16 PSKD 26/18	800 1200 1400 1600 1800	36	100	650	0.8	6.1	150	1.0	1.2	8	<p>Fig. 8 Weight = 90 g</p>  <p>Fig. 9 Weight = 125 g</p> 
PSKD 44/08 PSKD 44/12 PSKD 44/14 PSKD 44/16 PSKD 44/18	800 1200 1400 1600 1800	59	100	1150	0.8	4.3	150	0.59	0.79		
PSKD 56/08 PSKD 56/12 PSKD 56/14 PSKD 56/16 PSKD 56/18	800 1200 1400 1600 1800	71	100	1400	0.8	3.0	150	0.51	0.71		
PSKD 72/08 PSKD 72/12 PSKD 72/14 PSKD 72/16 PSKD 72/18	800 1200 1400 1600 1800	99	100	1700	0.8	2.3	150	0.35	0.55		
PSKD 95/08 PSKD 95/12 PSKD 95/14 PSKD 95/16 PSKD 95/18	800 1200 1400 1600 1800	120	105	2800	0.75	1.95	150	0.26	0.46		
PSKD 142/08 PSKD 142/12 PSKD 142/14 PSKD 142/16 PSKD 142/18	800 1200 1400 1600 1800	165	100	4700	0.8	1.3	150	0.21	0.31	9	

Diode Modules

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Type	V _{RRM} V _{DRM}	I _{FAV}	T _C	I _{FSM} 45°C 10ms	V _{TO}	r _T	T _{VJM}	R _{thJC} per Diode DC Current	R _{thJH} per Diode DC Current	Figure	Package style see outlines starting at page 86	
	V	A	°C	A	V	mΩ	°C	K/W	K/W			
PSKD 172/08 PSKD 172/12 PSKD 172/14 PSKD 172/16 PSKD 172/18	800 1200 1400 1600 1800	190	100	6600	0.8	0.8	150	0.21	0.31	9	Fig. 10 Weight = 320 g	
PSKD 220/08 PSKD 220/12 PSKD 220/14 PSKD 220/16	800 1200 1400 1600	270	100	8500	0.75	0.9	150	0.129	0.169	10		
PSKD 250/08 PSKD 250/12 PSKD 250/14 PSKD 250/16 PSKD 250/18	800 1200 1400 1600 1800	290	100	11000	0.75	0.75	150	0.129	0.169			
PSKD 255/12 PSKD 255/14 PSKD 255/16 PSKD 255/18	1200 1400 1600 1800	270	100	9500	0.8	0.6	150	0.14	0.18	11		Fig. 11 Weight = 750 g
PSKD 310/08 PSKD 310/12 PSKD 310/14 PSKD 310/16 PSKD 310/18	800 1200 1400 1600 1800	305	100	11500	0.75	0.63	150	0.129	0.169	10		
PSKD 312/12 PSKD 312/14 PSKD 312/16 PSKD 312/18 PSKD 312/20 PSKD 312/22	1200 1400 1600 1800 2000 2200	310	100	10500	0.8	0.68	150	0.12	0.16	11		