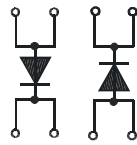


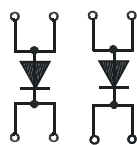
Fast Recovery Epitaxial Diode (FRED) Modules



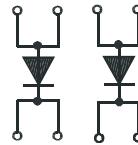
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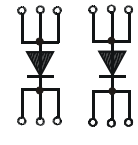
2 x 30



2 x 31



2 x 61

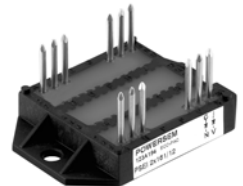


2 x 101/121/161

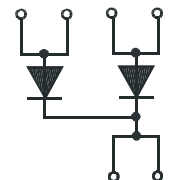
Type	V _{RRM}	V _{VRMS}	I _{DAV}	T _C	I _{FSM} 45°C 10ms	V _{TO}	r _T	t _{rr} typ.	R _{thJC} Chip ----- Module K/W	R _{thJH} Chip ----- Module K/W	Figure	Package style see outlines starting at page 86
	V	V	A	°C	A	V	mΩ	ns				
PSEI 2x30/04	400	125	30	85	300	1.01	7.10	35	1.25	1.3	3	Fig. 3 Weight = 16 g
PSEI 2x30/06	600	200	30	85	300	1.01	7.10	35	-----	-----		
PSEI 2x30/10	1000	312	30	50	200	1.50	12.5	35	0.63	0.65		
PSEI 2x30/12	1200	400	28	50	200	1.65	18.2	40	-----	-----		
PSEI 2x31/04	400	125	30	85	300	1.01	7.10	35	1.25	1.3	4	Fig. 4 Weight = 24 g
PSEI 2x31/06	600	200	30	85	300	1.01	7.10	35	-----	-----		
PSEI 2x31/10	1000	312	30	50	200	1.50	12.5	35	0.63	0.65		
PSEI 2x31/12	1200	400	28	50	200	1.65	18.2	40	-----	-----		
PSEI 2x61/02	200	60	71	85	950	0.70	3.00	35	0.7	0.75	4	Fig. 4 Weight = 24 g
PSEI 2x61/04	400	125	60	70	550	1.13	4.70	35	-----	-----		
PSEI 2x61/06	600	200	60	70	550	1.13	4.70	35	-----	-----		
PSEI 2x61/10	1000	312	60	50	500	1.43	6.10	35	0.35	0.38		
PSEI 2x61/12	1200	400	52	50	450	1.65	8.30	40	-----	-----		
PSEI 2x101/06	600	200	96	70	1200	0.70	4.70	35	0.5	0.55	4	Fig. 4 Weight = 24 g
PSEI 2x101/12	1200	400	91	50	900	1.01	6.10	40	0.25	0.28		
PSEI 2x121/02	200	60	123	70	1200	0.70	2.10	35	0.7	0.8		
PSEI 2x161/02	200	60	165	70	1200	0.53	2.6	35	0.29	0.49		
PSEI 2x161/06	600	200	147	70	1200	0.85	2.7	35	-----	-----		
PSEI 2x161/12	1200	400	128	70	1200	1.16	3	40	0.15	0.25		



ECO-PAC™ 1



ECO-PAC™ 2



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Type	V _{RRM}	V _{VRMS}	I _{DAV}	T _C	I _{FSM} 45°C 10ms	V _{TO}	r _T	t _{rr}	R _{thJC} Chip ----- Module K/W	R _{thJH} Chip ----- Module K/W	Figure	Package style see outlines starting at page 86
	V	V	A	°C	A	V	mΩ	ns				
PSEK 60/02	200	60	34	100	325	0.72	4.20	35	1.25	1.3	5	Fig. 5 Weight = 16 g
PSEK 60/06	600	200	30	70	300	1.01	7	35	-----	-----		
PSEK 60/12	1200	400	26	70	200	1.65	18.2	40	0.63	0.65		



ECO-PAC™ 1