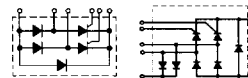


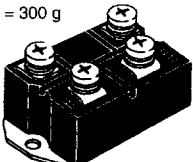
1~ Rectifier Bridges



1~ Half Controlled Rectifier Bridges with free wheeling diode, B2HKF

VHF

VHFD

Type	V_{RRM} V	V_{VRMS} V	I_{dAV} @ T_H A °C	I_{FSM} 45°C 10 ms A	V_{TD} V	r_T m	T_{VJM} °C	R_{thJC} per Chip K/W	R_{thJH} per Chip K/W	Fig. No.	Package style
Outline drawings on page 91-100											
VHF 15-08io5	800	250	15 85	190	1.0	40	125	2.4	3.0	43	Fig. 43 Weight = 50 g 
VHF 15-12io5	1200	400									
VHF 15-14io5	1400	440									
VHF 15-16io5	1600	500									
VHF 25-06io7	600	125	32	200	0.85	27	125	1.3	1.8	24	Fig. 47 Weight = 35 g 
VHF 25-08io7	800	250	$T_C = 85^\circ C$								
VHF 25-12io7	1200	400									
VHF 28-08io5	800	250	28 85	300	0.9	15	125	1.4	2.0	43	
VHF 28-12io5	1200	400									Fig. 54 Weight = 300 g 
VHF 28-14io5	1400	440									
VHF 28-16io5	1600	500									
VHF 36-08io5	800	250	36 85	320	0.85	13	125	1.15	1.55	43	
VHF 36-12io5	1200	400									Fig. 57 Weight = 100 g 
VHF 36-14io5	1400	440									
VHF 36-16io5	1600	500									
VHF 55-08io7	800	250	53 85	550	0.85	11	125	0.9	1.1	57	
VHF 55-12io7	1200	400									Fig. 24 ECO-PAC 1 Weight = 19 g See data sheet for pin arrangement 
VHF 55-14io7	1400	440									
VHF 55-16io7	1600	500									
VHF 85-12io7	1200	400	82 85	1150	0.85	6	125	0.65	0.8	54	
VHF 85-14io7	1400	440									Fig. 57 Weight = 100 g 
VHF 125-12io7	1200	400	123 85	1500	0.85	3.5	125	0.46	0.55	54	
VHF 125-14io7	1400	440									
VHF 125-16io7	1600	500									
VHFD 16-08io1	800	250	16 85	150	1.0	40	125	2.4	3.0	47	Fig. 24 ECO-PAC 1 Weight = 19 g See data sheet for pin arrangement 
VHFD 16-12io1	1200	400									
VHFD 16-14io1	1400	440									
VHFD 16-16io1	1600	500									
VHFD 29-08io1	800	250	28 85	300	0.9	15	125	1.4	2.0	47	Fig. 24 ECO-PAC 1 Weight = 19 g See data sheet for pin arrangement 
VHFD 29-12io1	1200	400									
VHFD 29-14io1	1400	440									
VHFD 29-16io1	1600	500									
VHFD 37-08io1	800	250	36 85	320	0.85	13	125	1.2	1.55	47	Fig. 24 ECO-PAC 1 Weight = 19 g See data sheet for pin arrangement 
VHFD 37-12io1	1200	400									
VHFD 37-14io1	1400	440									
VHFD 37-16io1	1600	500									