

■ IGBT Modules, L series

600 volts class/High speed switching

Device type	V _{CES} Volts	V _{GES} Volts	I _C Cont. Amps.	P _C Watts	V _{CE(sat)} (V _{GE} =15V) (Max.)		Switching time (Max.)			Package	Net mass Grams
					Volts	I _C Amps.	ton μsec.	toff μsec.	tf μsec.		
2MBI50L-060	600	±20	50	250	3.5	50	0.8	1.0	0.35	M218	210
2MBI75L-060	600	±20	75	325	3.5	75	0.8	1.0	0.35	M218	210
2MBI100L-060	600	±20	100	400	3.5	100	0.8	1.0	0.35	M218	210
2MBI150L-060	600	±20	150	600	3.5	150	0.8	1.0	0.35	M219	340
2MBI150LB-060	600	±20	150	600	3.5	150	0.8	1.0	0.35	M221	250
2MBI200L-060	600	±20	200	800	3.5	200	0.8	1.0	0.35	M219	340
2MBI200LB-060	600	±20	200	800	3.5	200	0.8	1.0	0.35	M221	250
2MBI300L-060	600	±20	300	1200	3.5	300	0.8	1.0	0.35	M217	410
2MBI300LB-060	600	±20	300	1200	3.5	300	0.8	1.0	0.35	M225	380
2MBI400L-060	600	±20	400	1600	3.5	400	0.8	1.0	0.35	M225	380
1MBI300L-060	600	±20	300	1200	3.5	300	0.8	1.0	0.35	M116	415
1MBI400L-060	600	±20	400	1600	3.5	400	0.8	1.0	0.35	M116	415
1MBI600LP-060	600	±20	600	2000	3.5	600	1.0	1.2	0.5	M121	370
1MBI600LN-060	600	±20	600	2000	3.5	600	1.0	1.2	0.5	M122	370

600 volts class 6 in one-package/High speed switching

Device type	V _{CES} Volts	V _{GES} Volts	I _C Cont. Amps.	P _C Watts	V _{CE(sat)} (V _{GE} =15V) (Max.)		Switching time (Max.)			Package	Net mass Grams
					Volts	I _C Amps.	ton μsec.	toff μsec.	tf μsec.		
6MBI10L-060	600	±20	10	40	3.5	10	0.8	1.0	0.35	M604	150
6MBI15L-060	600	±20	15	60	3.5	15	0.8	1.0	0.35	M604	150
6MBI15LS-060	600	±20	15	50	3.5	15	0.8	1.0	0.35	M619	-
6MBI20L-060	600	±20	20	80	3.5	20	0.8	1.0	0.35	M604	150
6MBI30L-060	600	±20	30	120	3.5	30	0.8	1.0	0.35	M607	235
6MBI50L-060	600	±20	50	250	3.5	50	0.8	1.0	0.35	M616	510
6MBI75L-060	600	±20	75	300	3.5	75	0.8	1.0	0.35	M616	510
6MBI100L-060	600	±20	100	400	3.5	100	0.8	1.0	0.35	M616	510



IGBT Modules, L series

1200 volts class/High speed switching

Device type	V _{CES} Volts	V _{GES} Volts	I _C Cont. Amps.	P _C Watts	V _{CE(sat)} (V _{GE} =15V)		Switching time (Max.)			Package	Net mass Grams
					(Min.) Volts	I _C Amps.	ton μsec.	toff μsec.	tf μsec.		
2MBI25L-120	1200	±20	25	250	3.5	25	0.8	1.5	0.5	M218	210
2MBI50L-120	1200	±20	50	400	3.5	50	0.8	1.5	0.5	M218	210
2MBI75L-120	1200	±20	75	600	3.5	75	0.8	1.5	0.5	M216	230
2MBI100L-120	1200	±20	100	800	3.5	100	0.8	1.5	0.5	M215	400
2MBI150L-120	1200	±20	150	1200	3.5	150	0.8	1.5	0.5	M215	400
2MBI200L-120	1200	±20	200	1600	3.5	200	0.8	1.5	0.5	M225	380
1MBI200L-120	1200	±20	200	1600	3.5	200	0.8	1.5	0.5	M116	415
1MBI300L-120	1200	±20	300	2000	3.5	300	0.8	1.5	0.5	M116	415
1MBI400L-120	1200	±20	400	2600	3.5	400	0.8	1.5	0.5	M116	415

1200 volts class 6 in one-package/High speed switching

Device type	V _{CES} Volts	V _{GES} Volts	I _C Cont. Amps.	P _C Watts	V _{CE(sat)} (V _{GE} =15V)		Switching time (Max.)			Package	Net mass Grams
					(Min.) Volts	I _C Amps.	ton μsec.	toff μsec.	tf μsec.		
6MBI8L-120	1200	±20	8	80	3.5	8	0.8	1.5	0.5	M604	150
6MBI15L-120	1200	±20	15	120	3.5	15	0.8	1.5	0.5	M607	235
6MBI25L-120	1200	±20	25	250	3.5	25	0.8	1.5	0.5	M616	510
6MBI25LB-120	1200	±20	25	250	3.5	25	0.8	1.5	0.5	M607	235
6MBI50L-120	1200	±20	50	400	3.5	50	0.8	1.5	0.5	M616	510