

Type No.	V <sub>DSS</sub> (V)	I <sub>D</sub> (A)	RDS (ON) (Ω)		SW TIME (MAX.)			Circuit Symbol	Package Style (Refer to page42)
			I <sub>D</sub> (A)	(MAX)	ton (μs)	toff (μs)	tf (μs)		
MG25H6EM1	500	±25×6	25	0.24	1.0	0.7	0.25	EM	20
MG30D1ZM1	250	±30	30	0.125	1.1	1.2	0.3	ZM	19
MG30D2DM1	250	±30×2	30	0.125	0.9	1.2	0.3	DM	25
MG30D2YM1	250	±30×2	30	0.125	0.9	1.2	0.3	YM	19
MG30G2DM1	450	±30×2	30	0.205	0.7	1.3	0.2	DM	25
MG30G2YM1	450	±30×2	30	0.205	0.7	1.3	0.2	YM	19
MG30H2DM1	500	±30×2	30	0.205	1.0	0.7	0.25	DM	25
MG30H2YM1	500	±30×2	30	0.205	1.0	0.7	0.25	YM	19
MG50D2DM1	250	±50×2	50	0.085	0.9	1.3	0.3	DM	25
MG50D2YM1	250	±50×2	50	0.085	0.9	1.3	0.3	YM	26
MG50G2DM1	450	±50×2	50	0.14	0.7	1.3	0.2	DM	25
MG50G2YM1	450	±50×2	50	0.14	0.7	1.3	0.2	YM	26
MG50H2DM1	500	±50×2	50	0.14	1.0	0.7	0.25	DM	25
MG50H2YM1	500	±50×2	50	0.14	1.0	0.7	0.25	YM	26

### C) IGBT TYPE (STANDARD TYPE)

Type No.	V <sub>CE(S)</sub> (V)	I <sub>C</sub> (A)	V <sub>CE(sat)</sub> MAX.		SW TIME (MAX.)			Circuit Symbol	Package Style
			(V)	I <sub>C</sub> (A)	ton (μs)	toff (μs)	tf (μs)		
MG15H1BS1	500	15	5	15	1	1.5	1	BS	2
MG15H6ES1	500	±15×6	5	15	1	1.5	1	ES	16
MG25H1BS1	500	25	5	25	1	1.5	1	BS	3
MG25H2YS1	500	±25×2	5	25	1	1.5	1	YS	19
MG50H1BS1	500	50	5	50	1	1.5	1	BS	3
MG50H1ZS1	500	±50	5	50	1	1.5	1	ZS	19
MG50H2YS1	500	±50×2	5	50	1	1.5	1	YS	19
MG75H1BS1	500	75	5	75	1.5	1.5	1	BS	3
MG75H2YS1	500	±75×2	5	75	1.5	1.5	1	YS	19
MG100H1BS1	500	100	5	100	1.5	1.5	1	BS	3
MG100G2YS1	450	±100×2	2.6	100	1	1	0.5	YS	19
MG100H2ZS1	500	100×2	4	100	1.5	1.5	1	ZS	19
MG100H2YS1	500	±100×2	5	100	1.5	1.5	1	YS	19
MG150H2YS1	500	±150×2	5	150	1.5	1.5	1	YS	24
MG200H2YS1	500	±200×2	5	200	1.5	1.5	1	YS	24
MG300H1US1	500	±300	5	300	1.5	1.7	1	US	21
MG400H1US1	500	±400	5	400	1.5	1.7	1	US	21
MG8N6ES1	1000	±8×6	5	8	1	1.4	1	ES	27
MG15N1BS1	1000	15	5	15	1	2	1	BS	17
MG15N2YS1	1000	±15×2	5	15	1	2	1	YS	19
MG15N6ES1	1000	±15×6	5	15	1	2	1	ES	27
MG25N1BS1	1000	25	5	25	1	2	1	BS	17