

## (9)IGBT DISCRETE SERIES

	TypeNo.	V <sub>CEs</sub> (V)	I <sub>c</sub> (A)	P <sub>c</sub> (W)	V <sub>CE(sat)</sub> MAX.		SW TIME(MAX)			OUT LINE
					V <sub>CE(sat)</sub> (V)	I <sub>c</sub> (A)	ton (μs)	toff (μs)	tf (μs)	
General Purpose	GT8J101	600	8	30	4.0	8	0.8	1.0	0.35	TO-220(N)(IS)
General Purpose	GT8Q101	1200		100	4.0	8	0.8	1.5	0.50	TO-3P(N)
Strobe Flash	GT10G101	400	10	30	3.0	20	1.0	8.0	6.0	TO-220(N)(IS)
Strobe Flash	GT15G101	400	15	40	3.0	25	1.0	8.0	6.0	TO-220(N)(IS)
General Purpose	GT15J101	600		100	4.0	15	0.8	1.0	0.35	TO-3P(N)
General Purpose	GT15J102	600		35	4.0	15	0.8	1.0	0.35	TO-220(N)(IS)
General Purpose	GT15Q101	1200		150	4.0	15	0.8	1.5	0.50	TO-3P(N)
Strobe Flash	GT20G101	400	20	60	3.0	20	1.0	8.0	6.0	TO-220(FL)
Strobe Flash	GT20G101(SM)	400		60	3.0	20	1.0	8.0	6.0	TO-220(SM)
Strobe Flash	GT25G101	400	25	75	3.0	25	1.0	8.0	6.0	TO-220(FL)
Strobe Flash	GT25G101(SM)	400		75	3.0	25	1.0	8.0	6.0	TO-220(SM)
General Purpose	GT25J101	600		150	4.0	25	0.8	1.0	0.35	TO-3P(N)
General Purpose	GT25Q101	1200		200	4.0	25	0.8	1.5	0.50	TO-3P(L)
General Purpose	GT50J101	600	50	200	4.0	50	0.8	1.0	0.35	TO-3P(L)
MICRO WAVE OVEN	GT50M101	900		180	5.0	50	0.8	1.3	0.40	TO-3P(L)
General Purpose	GT60J101	600	60	200	4.0	60	0.7	0.8	0.35	TO-3P(L)
MICROWAVE OVEN	GT60M101	900		200	4.0	60	1.0	1.5	0.70	TO-3P(L)
MICROWAVE OVEN	GT60M102	900		200	4.0	60	0.8	1.3	0.40	TO-3P(L)

## (10)GTR MODULE

### a)BIPOLAR DARLINGTON TYPE

Type No.	V <sub>CE0(SUS)</sub> (V)	I <sub>c</sub> (A)		h <sub>FE</sub> (MIN.)		SW TIME(MAX.)			Circuit Symbol	Package Style
				V <sub>CE</sub> (V)	I <sub>c</sub> (A)	ton (μ)	tstg (μ)	tf (μ)		
2SD1314	450	15	100	5	15	2	12	3	BL	1
MG10G6EL2	450	±10×6	100	5	10	1	12	2	EL	16
MG15G1AL3	450	±15	100	5	15	1	12	2	AL	2
MG15G4GL1	450	±15×4	100	5	15	1	12	2	GL	15
MG15G6EL1	450	±15×6	100	5	15	1	12	2	EL	16
MG15H1AL1	550	±15	100	5	15	1	12	2	AL	30
MG15H6EL1	500	±15×6	100	5	15	1	12	2	EL	16
MG20G4GL1	450	±20×4	100	5	20	1	12	2	GL	15
MG20G6EL1	450	±20×6	100	5	20	1	12	2	EL	16
MG30G1BL3	450	30	100	5	30	1	12	2	BL	3
MG30G1BL4	450	30	100	5	30	1	12	2	BL	30
MG30H1BL1	550	30	100	5	30	1	13	1	BL	30
MG30G1JL1	450	±30	100	5	30	1	12	2	JL	4
MG30G2CL3	450	±30×2	100	5	30	1	12	2	CL	4