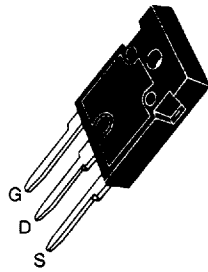


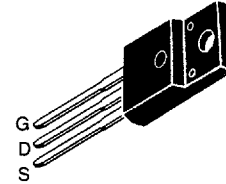


Isolated Plastic Packages — Isolated TO-220
Isolated Mounting Hole — Isolated TO-247

T-39-01



TO-247
CASE 340F-03
(MTW PREFIX)
STYLE 1



CASE 221D-02
ISOLATED TO-220
(MTA PREFIX)
STYLE 1

Table 3 — N-Channel TO-247

V _{DSS} (Volts) Min	R _{DS(on)} (Ohms) Max	I _D (Amps) @	Device	I _D (cont) Amps	P _D (1) (Watts) Max
1000	2	3	MTW6N100E(7)	6	180
	1.2	5	MTW10N100E(7)	10	250
800	3	2	MTW4N80E	4	150
	1.2	3.5	MTW7N80E	7	180
600	1.2	3	MTW6N60E	6	150
	0.5	4	MTW8N60E	8	180
500	0.8		MTW8N50E		150
	0.4	7	MTW14N50E	14	180
400	0.27	10	MTW20N50E	20	250
	0.55	5	MTW10N40E	10	150
	0.3	8	MTW16N40E	16	180
250	0.2	12	MTW24N40E	24	250
	0.28	7.5	MTW15N25E	15	150
200	0.14	11.5	MTW23N25E	23	180
	0.1	16	MTW32N25E	32	250
	0.15	11	MTW22N20E	22	150
150	0.085	16	MTW32N20E	32	180
	0.095	13	MTW26N15E	26	150
100	0.065	17.5	MTW35N15E	35	180
	0.058	18	MTW36N10E	36	150
50	0.04	22.5	MTW45N10E	45	180
	0.014	27	MTW54N05E	54	210

(1) T_C = 25°C
(7) To be introduced

Devices listed in bold, italic are Motorola preferred devices.

Table 4 — N- and P-Channel — Fully Isolated TO-220

These devices eliminate the need for isolation hardware which in turn reduces assembly costs and improves reliability.

V _{DSS} (Volts) Min	R _{DS(on)} (Ohms) Max	I _D (Amps) @	Device	I _D (cont) Amps	P _D (1) (Watts) Max
600	3.8	1	MTA1N60E	1	40
	2.2	1.5	MTA2N60E	2	
	1.2	3	MTA4N60E	4	50
500	1.5	2	MTA4N50E		40
	0.8	4	MTA5N50E	5	50
400	1	2.5	MTA4N40E	4	40
	0.55	5	MTA6N40E	6	50
100	0.25		MTA8N10E	8	35
	0.3	6	MTA2955 (2)		40
60	0.15		MTA3055E	9	30
	0.085	7.5	MTA15N06	15	50
	0.025	25	MTA30N06E	30	

(1) T_C = 25°C
(2) Indicates P-Channel
Ⓢ Indicates UL Recognized — file #E69369