

Plastic Packages — TO-220AB (continued)

Table 4 — N-Channel — continued

$V_{(BR)DSS}$ (Volts) Min	$r_{DS(on)}$ @ I_D (Ohms) Max	I_D (Amps)	Device	I_D (cont) Amps	P_D^* (Watts) Max
100	0.085	15	IRF540	27	125
		12.5	MTP25N10	25	
	0.075		MTP25N10E		
80	0.8	2	MTP4N08	4	50
	0.5	4	MTP8N08	8	75
	0.33	5	MTP10N08	10	
	0.18	6	MTP12N08	12	
	0.15	10	MTP20N08	20	100
60	0.8	2	IRF513	3.5	20
			IRF511	4	
	0.6	2.5	MTP5N06	5	50
	0.4	3.5	MTP7N06	7	40
		4	IRF523		
	0.3		IRF521	8	75
	0.28	5	MTP10N06	10	
	0.25	8	IRF533	12	
	0.2	5	MTP10N06E	10	
		6	MTP12N06		
	0.18	8	IRF531	14	
	0.16	7.5	MTP15N06	15	
	0.15		MTP15N06E		
		6	MTP3055E	12	40
	0.085	15	IRF541	27	125

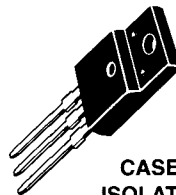
* @ 25°C

Shaded devices are preferred devices and are recommended for new designs.

$V_{(BR)DSS}$ (Volts) Min	$r_{DS(on)}$ @ I_D (Ohms) Max	I_D (Amps)	Device	I_D (cont) Amps	P_D^* (Watts) Max
60	0.08	12.5	MTP25N06	25	100
			MTP25N06E		
	0.055	17.5	MTP35N06E	35	125
50	0.6	2.5	MTP5N05	5	50
	0.28	5	MTP10N05	10	75
	0.16	7.5	MTP15N05	15	
	0.12	6	BUZ71A	12	40
			MTP12N05E		
			IRFZ22	14	
	0.1	7.5	BUZ71	12	15
			MTP15N05E		
			IRFZ20		
	0.08	12.5	MTP25N05	25	100
	0.07		MTP25N05E		
			IRFZ32		
	0.06	15	BUZ11A		75
	0.05		MTP30N05E	30	
	0.04		BUZ11		
	0.035	29	MTP45N05E	45	125
			IRFZ42	46	
	0.028	25	MTP50N05E	50	
		29	IRFZ40	51	

* @ 25°C

Shaded devices are preferred devices and are recommended for new designs.



CASE 221D-01
ISOLATED TO-220

Table 5 — N- and P-Channel — Isolated TO-220

	$V_{(BR)DSS}$ (Volts) Min	$r_{DS(on)}$ @ I_D (Ohms) Max	I_D (Amps)	Device	I_D (cont) Amps	P_D^* (Watts) Max
NEW	60	0.3	6	MTA2955**	7	33
NEW		0.15		MTA3055E	10	
NEW		0.1	7.5	MTA15N06E	15	40
NEW		0.028	25	MTA30N06E	30	50

* @ 25°C

** Indicates P-Channel