



TMOS Power MOSFETs

Plastic Packages — TO-218AC

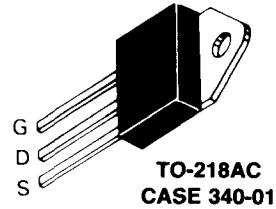


Table 6 — P-Channel

$V_{(BR)DSS}$ (Volts) Min	$r_{DS(on)}$ @ I_D (Ohms) (Amps) Max	Device	I_D (cont) Amps	P_D^* (Watts) Max
200	0.7	MTH8P20	8	125
180				
100	0.15	MTH20P10	20	

* @ 25°C

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

$V_{(BR)DSS}$ (Volts) Min	$r_{DS(on)}$ @ I_D (Ohms) (Amps) Max		Device	I_D (cont) Amps	P_D^* (Watts) Max
80	0.15	10	MTH20P08	20	125
60	0.14	12.5	MTH25P06	25	
50			MTH25P05		

Table 7 — N-Channel

	$V_{(BR)DSS}$ (Volts) Min	$r_{DS(on)}$ @ I_D (Ohms) (Amps) Max	Device	I_D (cont) Amps	P_D^* (Watts) Max
NEW	1000	2	MTH6N100	6	150
		3	MTH5N100	5	
	950		MTH5N95		
NEW	900	1.8	MTH8N90	8	170
		3	MTH6N90	6	
	850		MTH6N85		
NEW	800	1.5	BUZ355		125
	600	1.2	MTH6N60		150
		0.5	MTH8N60	8	
	550	1.2	MTH6N55	6	
NEW	500	0.8	MTH7N50	7	125
		0.6	BUZ330	9.5	
		0.4	MTH13N50	13	
	450	0.8	MTH7N45	7	150
		0.4	MTH13N45	13	
	400	0.55	MTH8N40	8	
		0.3	MTH15N40	15	

* @ 25°C

Bold Type indicates new product.

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

NEW

NEW

	$V_{(BR)DSS}$ (Volts) Min	$r_{DS(on)}$ @ I_D (Ohms) (Amps) Max	Device	I_D (cont) Amps	P_D^* (Watts) Max
NEW	350	0.55	MTH8N35	8	150
		0.3	MTH15N35	15	
NEW	250	0.14	MTH30N25	20	125
	200	0.16	MTH15N20	15	150
		0.08	MTH30N20	30	
	150	0.12	MTH20N15	20	
		0.06	MTH35N15	35	
	100	0.07	MTH25N10	25	
		0.04	MTH40N10	40	
	80	0.07	MTH25N08	25	
		0.04	MTH40N08	40	
	60	0.055	MTH35N06	35	
			MTH35N06E		
		0.028	MTH40N06	40	
NEW	50	0.055	MTH35N05	35	125
		0.028	MTH40N05	40	
			MTH50N05E	50	

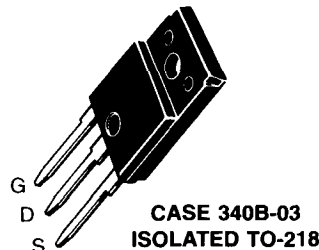


Table 8 — N- and P-Channel Isolated TO-218

	$V_{(BR)DSS}$ (Volts) Min	$r_{DS(on)}$ @ I_D (Ohms) (Amps) Max	Device	I_D (cont) Amps	P_D^* (Watts) Max
IEW	500	0.4	MTG9N50E	9	70
IEW	200	0.08	MTG20N20	20	
IEW	100	0.15	MTG15P10**	15	

* $T_C = 25^\circ\text{C}$

** Indicates P-Channel

Bold Type indicates new product.