

**POWER TRANSISTORS — TMOS PLASTIC (continued)**

**Plastic TMOS Power MOSFETS — TO-220AB (continued)**

CASE 221A-02

V <sub>BR(DSS)</sub> (Volts) Min	r <sub>DS(on)</sub> @ I <sub>D</sub>		Device	I <sub>D(Cont)</sub> (Amp) Max	P <sub>D</sub> @ T <sub>C</sub> = 25°C (Watts) Max
	(Ohms) Max	(Amp)			
150	2.4	1.25	IRF613	2	20
	1.5		IRF611	2.5	
	1.3	1.5	MTP3N15	3	50
	1.2		IRF623	4	
	0.9	2.5	MTP5N15	5	50
	0.8		IRF621	4	
	0.7	3.5	MTP7N15	7	75
	0.6		IRF633	8	
	0.5	4	MTP8N15	9	
	0.4		IRF631		
	0.3	5	MTP10N15	10	
	0.25		MTP15N15	15	
	0.22	7.5	IRF643	16	100
	0.18		IRF641	18	
120	1.3	1.5	MTP3N12	3	50
	0.9		MTP5N12	5	
	0.7	3.5	MTP7N12	7	75
	0.5		MTP8N12	8	
	0.3	5	MTP10N12	10	
	0.25		MTP15N12	15	
100	0.8	2	MTP4N10	4	50
	0.6		IRF512	3.5	
	0.6	3	IRF510	4	20
	0.5		MTP6N10	6	
	0.5	4	MTP8N10	8	50
	0.4		MTP8P10*		
	0.4	5	IRF522	7	40
	0.33		MTP10N10	10	
	0.30	6	MTP12P10*		75
	0.30		IRF520	8	
	0.25	8	IRF532	12	75
	0.18		IRF530	14	
	0.18	6	MTP12N10	12	
	0.15		MTP20N10	20	
	0.15	10	IRF542	24	100
	0.11		IRF540	27	
	0.085	12.5	MTP25N10	25	125
0.085					
80	0.8	2	MTP4N08	4	50
	0.6		MTP6N08	6	
	0.5	4	MTP8N08	8	75
	0.4		MTP8P08*		
	0.33	5	MTP10N08	10	
	0.3		MTP12P08*	12	
	0.18	6	MTP12N08		
	0.15		MTP20N08	20	
0.15	10	IRF542	24	100	
0.11		IRF540	27		
60	0.8	2	IRF513	3.5	20
	0.6		IRF511	4	
	0.6	2.5	MTP5N06	5	50
	0.4		MTP7N06	7	

\*Indicates P-Channel