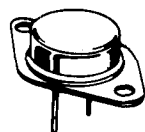
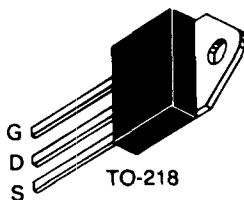


# POWER TRANSISTORS — TMOS (continued)

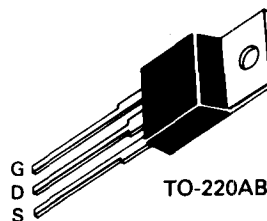
## P-Channel TMOS Power MOSFETs



TO-204AA  
(TO-3)



TO-218



TO-220AB

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	Package
	(Ohms) Max	(Amp)				
500	6	3	MTM2P50	2	75	204AA
			MTP2P50			220AB
450	6	3	MTM2P45	2	75	204AA
			MTP2P45			220AB
200	0.7	4	MTM8P20	8	125	204AA
			MTH8P20			218AC
	1	2.5	MTM5P20	5	75	204AA
			MTP5P20			220AB
180	0.7	4	MTM8P18	8	125	204AA
			MTH8P18			218AC
	1	2.5	MTM5P18	5	75	204AA
			MTP5P18			220AB
100	0.3	6	MTM12P10	12	75	204AA
			MTP12P10			220AB
	0.4	4	MTM8P10	8	75	204AA
			MTP8P10			220AB
80	0.3	6	MTM12P08	12	75	204AA
			MTP12P08			220AB
	0.4	4	MTM8P08	8	75	204AA
			MTP8P08			220AB
60	0.3	6	MTM12P06	12	75	204AA
			MTP12P06			220AB
			50			0.3
MTP12P05	220AB					

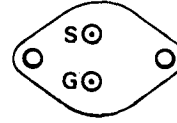
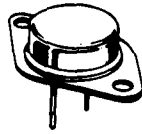
## Military Specified TMOS Power MOSFETs

V <sub>BR(DSS)</sub> (Volts) Min	r <sub>DS(on)</sub> @ I <sub>D</sub>		Device	I <sub>D(Cont)</sub> (Amp)	P <sub>D</sub> @ T <sub>C</sub> = 25°C (Watts)	Package
	(Ohms) Max	(Amp)				
500	1.5	3	2N6762J,JTX,TXV	4.5	75	TO-204AA
	0.4	7.75	2N6770J,JTX,TXV	12	150	
400	1	3.5	2N6760J,JTX,TXV	5.5	75	TO-204AA
	0.3	9	2N6768J,JTX,TXV	14	150	
200	0.4	6	2N6758J,JTX,TXV	9	75	TO-204AA
	0.085	19	2N6766J,JTX,TXV	30	150	TO-204AE
100	0.18	9	2N6756J,JTX,TXV	14	75	TO-204AA
	0.055	24	2N6764J,JTX,TXV	38	150	TO-204AE

Note: These devices are in various stages of qualification. Consult the factory for qualification status.

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

**Metal TMOS Product MOSFETs — TO-204AA**



TO-204 (Formerly TO-3)

CASE 1-04 and CASE 1-05

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)			
1000	10	0.5	MTM1N100	1	75
	7	1.5	MTM3N100	3	125
	3	2.5	MTM5N100	5	150
950	10	0.5	MTM1N95	1	75
	7	1.5	MTM3N95	3	125
	3	2.5	MTM5N95	5	150
900	8	1	MTM2N90	2	75
	5	2	MTM4N90	4	125
	3	3	MTM6N90	6	150
850	8	1	MTM2N85	2	75
	5	2	MTM4N85	4	125
	3	3	MTM6N85	6	150
800	7	1.5	MTP3N80	3	75
	2	3	BUZ84	5.3	125
750	7	1.5	MTM3N75	3	75
600	6	1	MTM2N60	2	
	2.5	1.5	MTM3N60	3	
	1.2	3	MTM6N60	6	150
	0.5	4	MTM8N60	8	
550	6	1	MTM2N55	2	75
	2.5	1.5	MTM3N55	3	150
	1.2	3	MTM6N55	6	
	0.5	4	MTM8N55	8	
500	6	1	MTM2P50*	2	75
	4		MTM2N50		
	3		IRF422		
		IRF420			
		1.5	MTM3N50	3	75
	1.5	2	MTM4N50	4	125
		3	2N6762	4.5	
	1.1	4	IRF442	7	
	0.85	3.5	IRF440	8	
	0.80		MTM7N50	7	150
	0.50		7	IRF452	12
	0.40	7.5	IRF450	13	
MTM15N50			15	250	
450	6	1	MTM2P45*	2	75
	4		MTM2N45		
	3		IRF423		
		IRF421			
	2	1.5	MTM3N45	3	75
2.5		2N6761	4		

\*Indicates P-Channel