

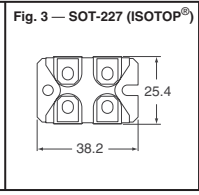
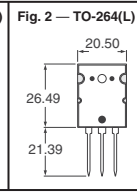
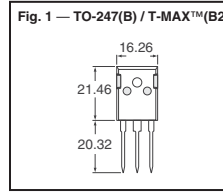


**MOSFETs/FREDFETs**

Dimensions in mm



Fig.	VDS Max.	IC Avg. (A)	RDS (on) Max. Ω	Digi-Key Part No.	1	25	100	Microsemi Part No.
1	500	24	0.14	APT24F50B-ND	7.90	177.69	592.31	APT24F50B
	500	42	0.14	APT42F50B-ND	11.68	250.31	792.64	APT42F50B
2	1000	31	0.40	APT31M100L-ND	20.64	442.13	1400.07	APT31M100L
3	500	38	0.10	APT38M50J-ND	24.82	512.47	1726.22	APT38M50J



**Power MOSFETs**

Dimensions in mm



**C**

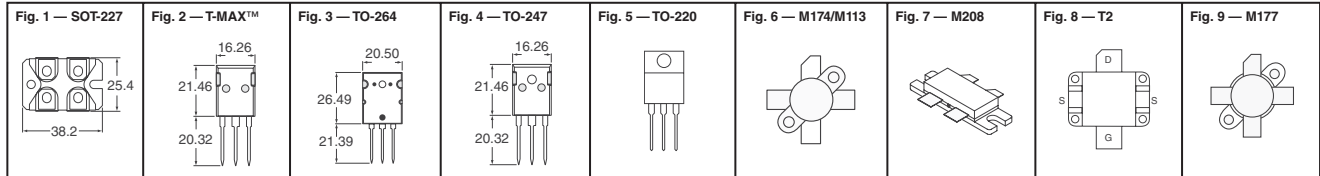


Fig.	VDS Maximum	Id Maximum (A)	RDS (on) Maximum Ω	Digi-Key Part No.	1	25	100	Microsemi Part No.
1	100	142	0.011	APT10M11JV2R2-ND	41.33	34.14	28.75	APT10M11JV2R2
	100	142	0.011	APT10M11JV3R3-ND	41.33	34.14	28.75	APT10M11JV3R3
	500	43	0.12	APL501J-ND	91.62	75.69	63.74	APL501J
	500	44	0.10	APT5010JV2R2-ND	41.97	34.68	29.20	APT5010JV2R2
	500	44	0.10	APT5010JV3R3-ND	41.97	34.68	29.20	APT5010JV3R3
	500	51	0.075	APTS1F50J-ND	28.84	23.83	20.07	APTS1F50J
	500	51	0.075	APTS1M50J-ND	27.80	22.97	19.34	APTS1M50J
	500	52	0.09	APL502J-ND	68.59	56.67	47.72	APL502J
	500	100	0.038	APT100M50J-ND	48.45	40.03	33.71	APT100M50J
	600	77	0.035	APT77N60JC3-ND	34.52	28.52	24.02	APT77N60JC3
	800	58	0.11	APTS5M80J-ND	62.40	51.55	43.41	APTS5M80J
	1000	18	0.60	APL1001J-ND	96.96	80.10	67.45	APL1001J
1000	41	0.21	APT41F100J-ND	63.88	52.77	44.44	APT41F100J	
1200	34	0.30	APT34M120J-ND	63.80	52.71	44.39	APT34M120J	
2	500	58	0.09	APL502B2G-ND	43.26	35.74	30.10	APL502B2G
	500	56	0.10	APT56M50B2-ND	13.07	11.21	8.87	APT56M50B2
	500	75	0.075	APT75M50B2-ND	17.32	14.85	11.76	APT75M50B2
	500	84	0.065	APT84M50B2-ND	21.49	18.42	14.59	APT84M50B2
	600	66	0.10	APT66M60B2-ND	22.50	19.30	15.28	APT66M60B2
	800	34	0.145	APT34N80B2C3G-ND	11.77	10.10	7.99	APT34N80B2C3G
	800	41	0.28	APT38F80B2-ND	21.26	18.23	14.43	APT38F80B2
	1000	37	0.33	APT37M100B2-ND	21.13	17.46	14.70	APT37M100B2
	1200	26	0.65	APT26F120B2-ND	26.35	21.78	18.34	APT26F120B2
	1200	28	0.56	APT28M120B2-ND	22.46	18.56	15.63	APT28M120B2
	500	56	0.10	APT56M50L-ND	13.37	11.46	9.08	APT56M50L
	500	58	0.09	APL502LG-ND	44.73	36.95	31.12	APL502LG
500	84	0.065	APT84M50L-ND	21.12	18.11	14.34	APT84M50L	
600	56	0.13	APT56M60L-ND	18.30	15.69	12.42	APT56M60L	
600	94	0.035	APT94N60L2C3G-ND	24.04	19.86	16.73	APT94N60L2C3G	
800	34	0.145	APT34N80LC3G-ND	11.77	10.10	7.99	APT34N80LC3G	
800	44	0.24	APT44F80L-ND	21.00	17.35	14.61	APT44F80L	
800	48	0.20	APT48M80L-ND	20.02	16.55	13.94	APT48M80L	
1000	29	0.46	APT29F100L-ND	22.30	19.12	15.14	APT29F100L	
1000	34	0.40	APT34F100L-ND	22.23	18.37	15.47	APT34F100L	
1000	37	0.33	APT37M100L-ND	20.75	17.14	14.44	APT37M100L	
500	14	—	ARF460AG-ND	43.09	35.60	29.98	ARF460AG	
500	14	—	ARF460BG-ND	43.09	35.60	29.98	ARF460BG	
500	20	0.30	APT20F50B-ND	6.64	5.98	4.99	APT20F50B	
500	37	0.15	APT37F50B-ND	7.86	6.75	5.34	APT37F50B	
600	18	0.39	APT18F60B-ND	8.23	7.41	6.18	APT18F60B	
600	28	0.25	APT28F60B-ND	8.21	7.04	5.58	APT28F60B	
600	34	0.21	APT34F60B-ND	15.38	13.19	10.44	APT34F60B	
600	47	0.07	APT47N60BC3G-ND	14.78	12.67	10.03	APT47N60BC3G	
600	60	0.045	APT60N60BC3G-ND	22.18	19.02	15.06	APT60N60BC3G	
800	11	0.45	APT11N80BC3G-ND	7.01	6.31	5.26	APT11N80BC3G	
800	22	0.50	APT22F80B-ND	11.10	9.52	7.54	APT22F80B	
1000	7	2.0	APT7F100B-ND	7.77	6.99	5.83	APT7F100B	
1000	8	1.80	APT8M100B-ND	7.43	6.70	5.58	APT8M100B	
1000	17	0.80	APT17F100B-ND	11.50	9.86	7.81	APT17F100B	
1000	18	0.70	APT18M100B-ND	10.96	9.40	7.44	APT18M100B	
1200	7	2.50	APT7M120B-ND	6.57	5.64	4.46	APT7M120B	
1200	7	2.90	APT7F120B-ND	6.87	5.89	4.67	APT7F120B	
1200	13	1.40	APT13F120B-ND	12.21	10.47	8.29	APT13F120B	
1200	14	1.20	APT14M120B-ND	11.52	9.88	7.82	APT14M120B	
1200	26	0.65	APT26F120L-ND	26.35	21.78	18.34	APT26F120L	
500	15	0.39	APT15F50K-ND	4.49	4.05	3.38	APT15F50K	
600	12	0.62	APT12F60K-ND	4.69	4.23	3.52	APT12F60K	
800	11	0.45	APT11N80KC3G-ND	6.51	5.86	4.89	APT11N80KC3G	
1000	6	2.50	APT6M100K-ND	5.09	4.58	3.82	APT6M100K	
1200	4	4.60	APT4F120K-ND	5.65	5.09	4.24	APT4F120K	
1200	4	4.00	APT4M120K-ND	5.42	4.88	4.07	APT4M120K	
6	80	20	—	VRF141-ND	53.77	44.42	37.41	VRF141
	130	20	0.20	VRF152-ND	80.77	66.73	56.19	VRF152
	170	6	—	VRF148A-ND	51.45	42.51	35.80	VRF148A
	170	16	—	VRF150-ND	52.59	43.45	36.59	VRF150
	170	16	—	VRF151-ND	53.85	44.49	37.46	VRF151
7	170	36	—	VRF151G-ND	134.07	110.76	93.27	VRF151G
8	170	60	—	VRF154FL-ND	348.33	287.76	242.32	VRF154FL
	170	60	—	VRF157FL-ND	376.44	310.97	261.87	VRF157FL
9	170	40	—	VRF2933-ND	126.67	104.65	88.13	VRF2933

(Continued)

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