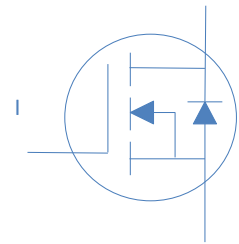
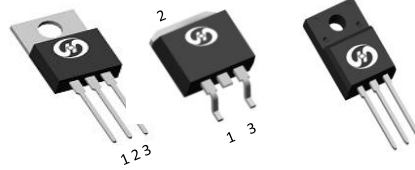




		W




=25 (unless otherwise specified)

		=25		
			±20	
		=25		
		=25		

		JC		W
		JA		W



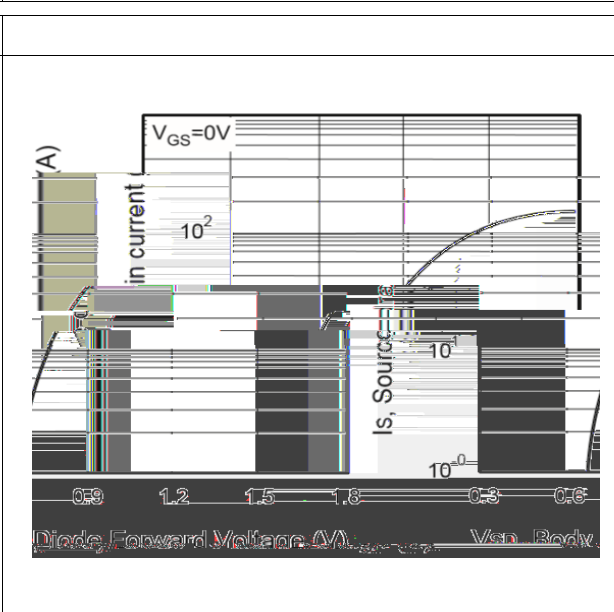
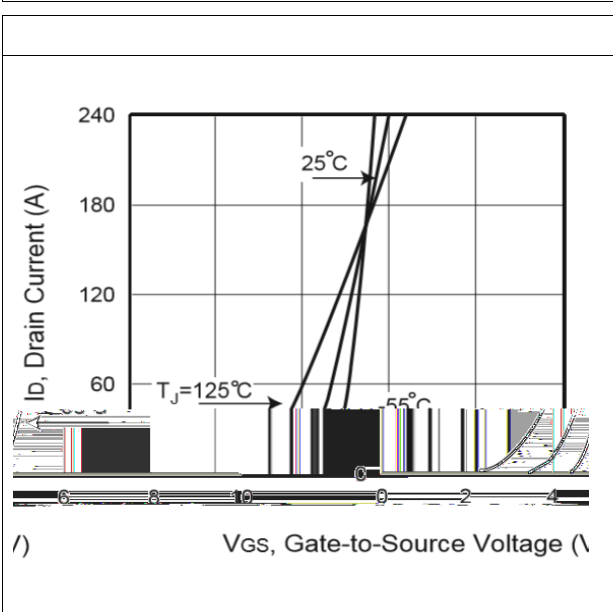
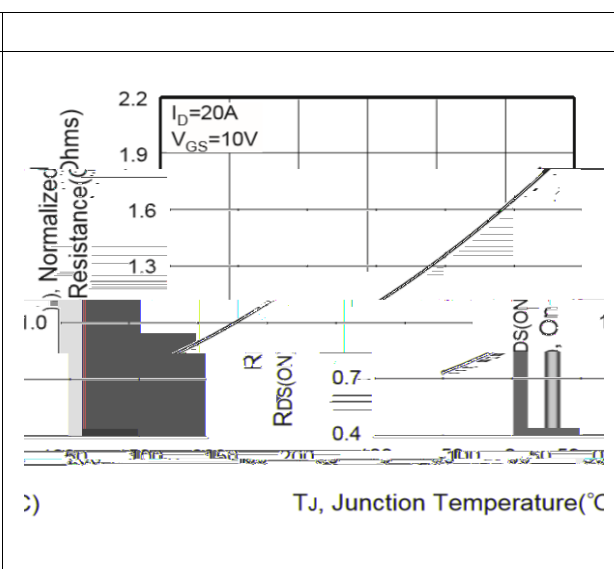
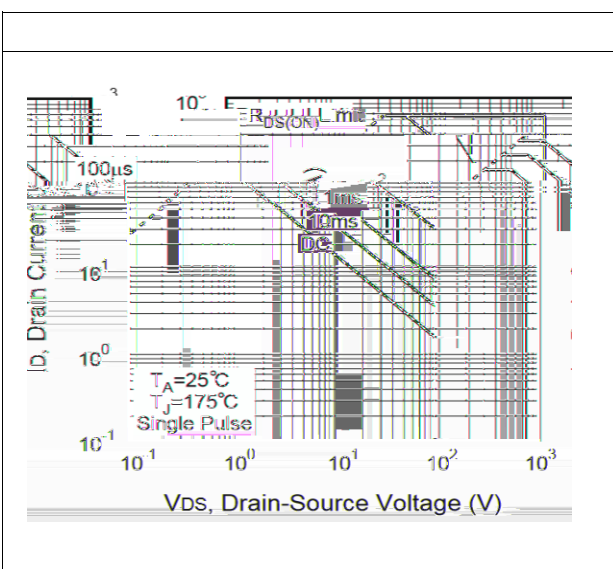
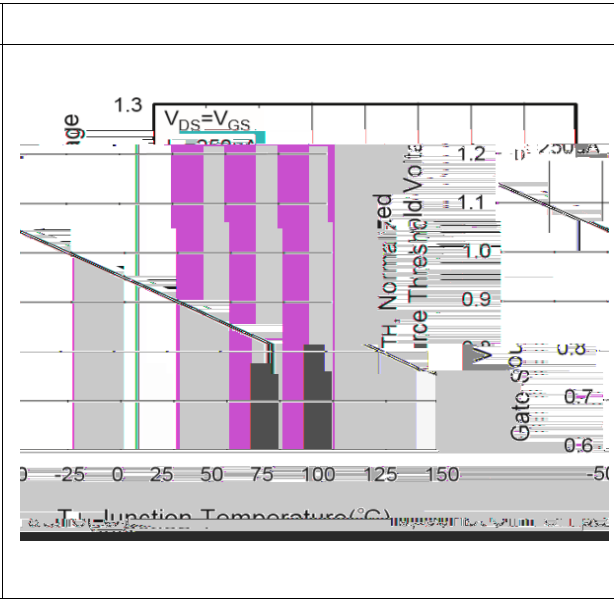
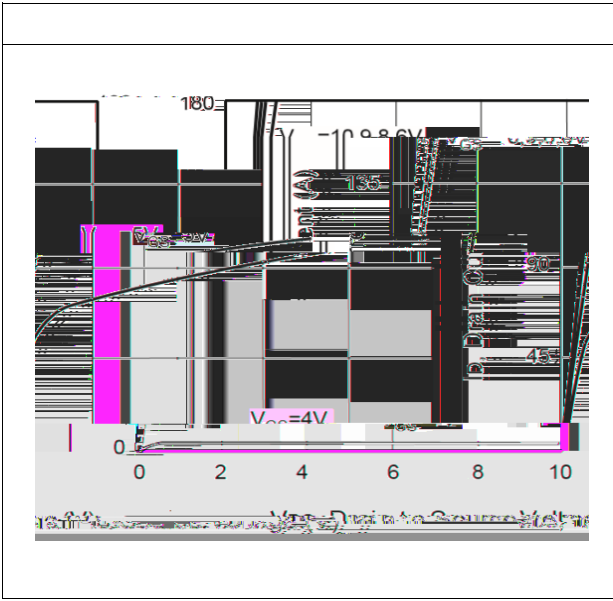
m  
m

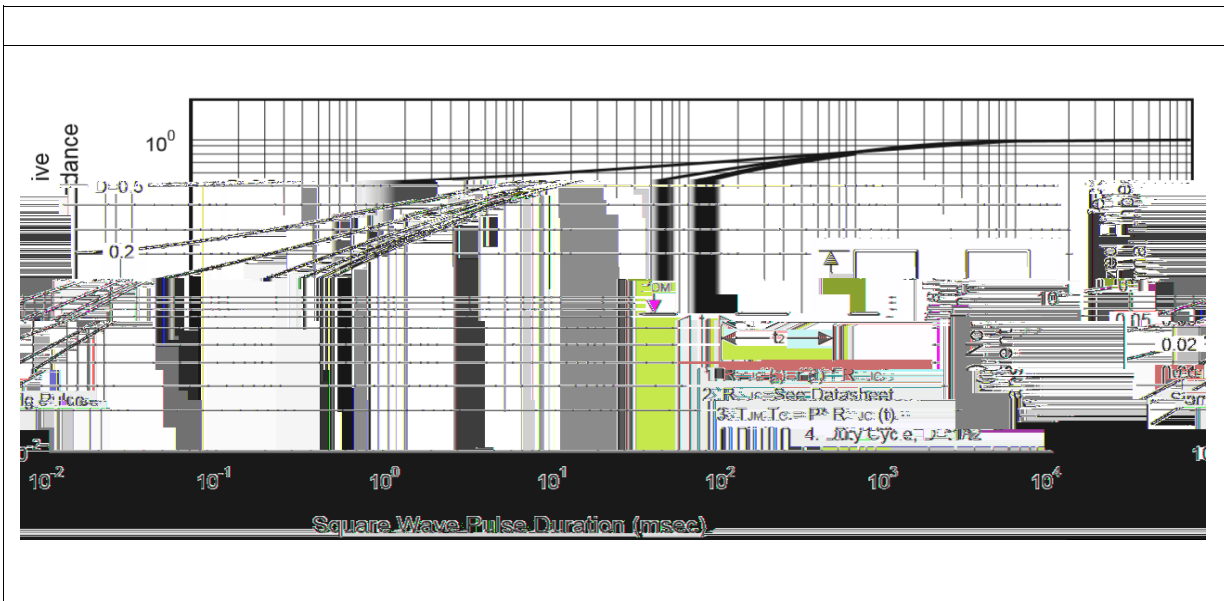
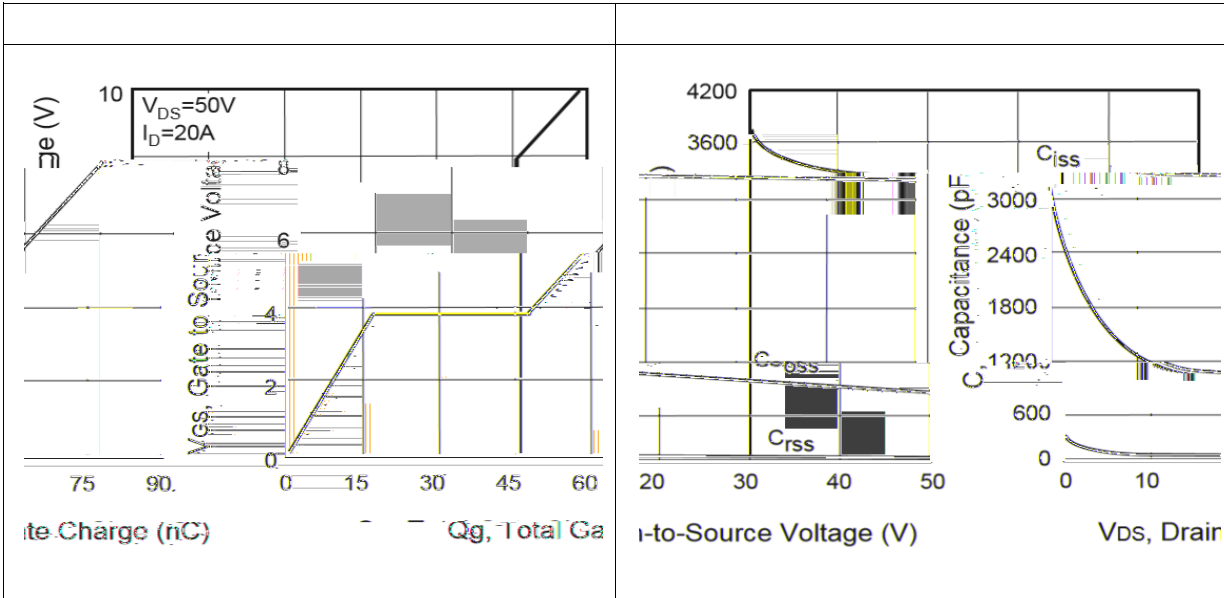
=±20V, V

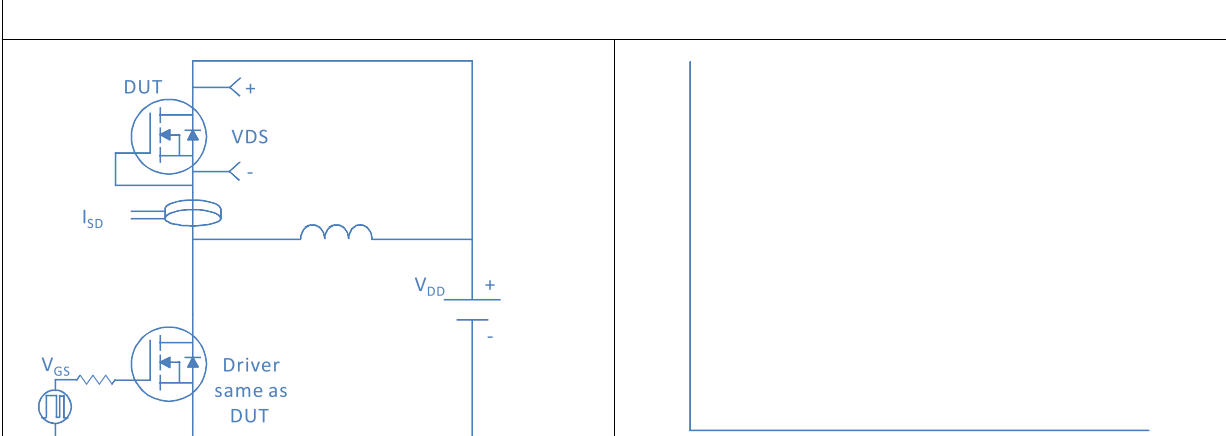
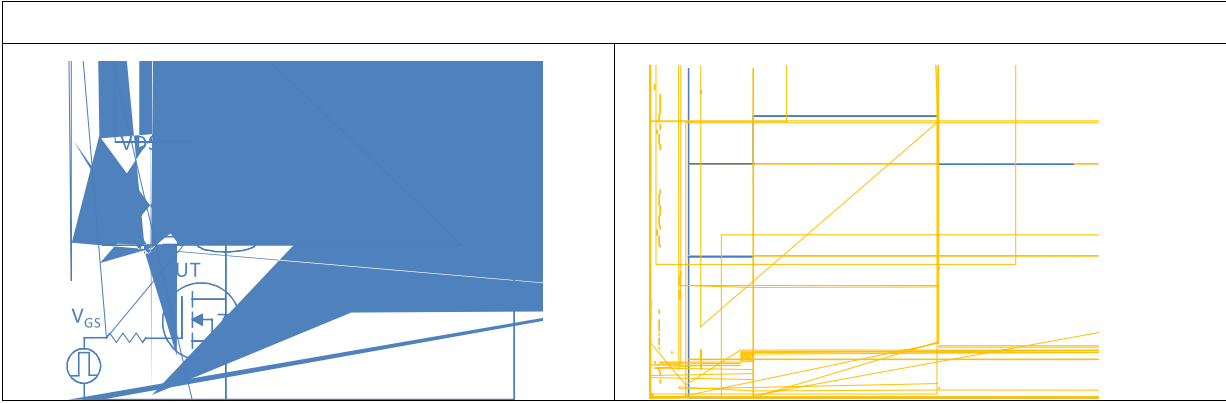
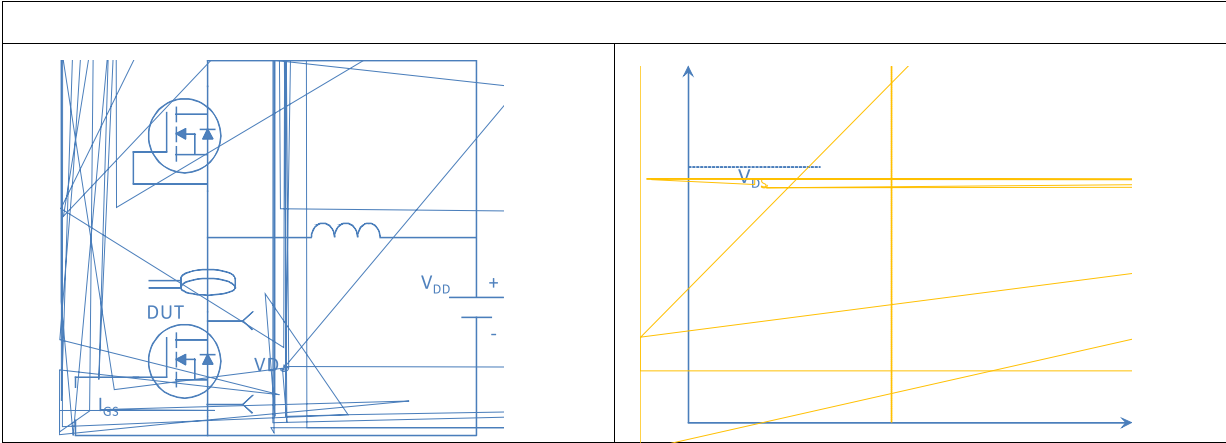
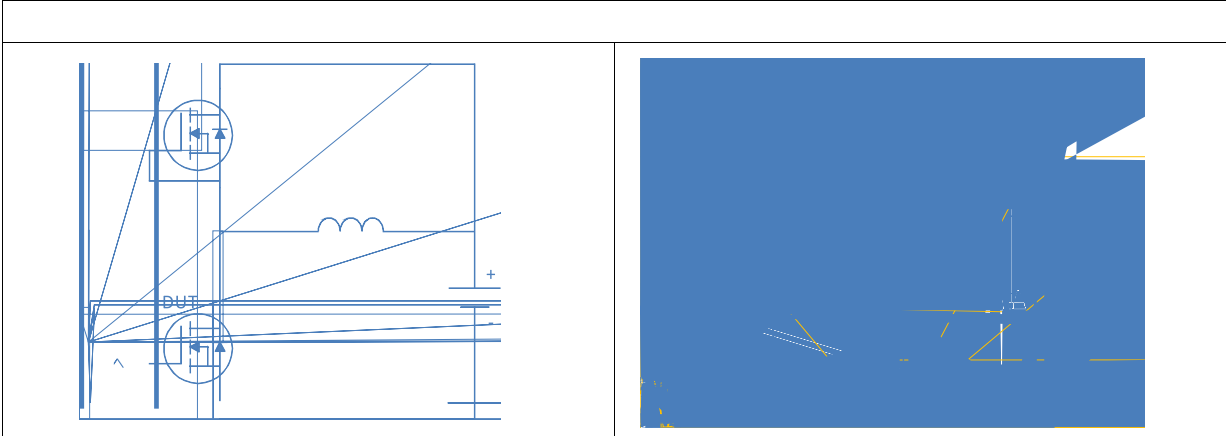
±

W

W

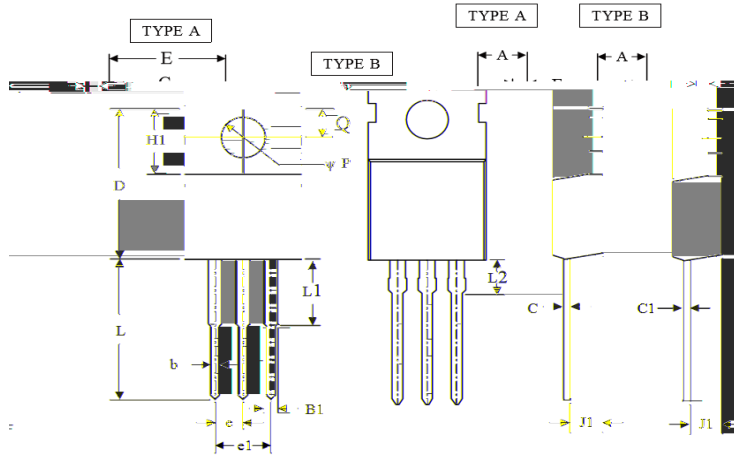




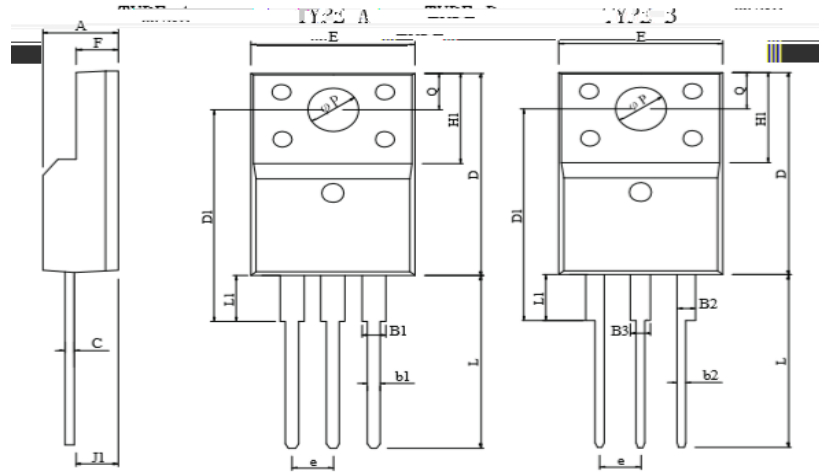




TO-220, 3 leads Type B)



SYMBOLS	MILLIMETERS		INCHES	
	MIN	MAX	MIN	MAX
A	4.320	4.876	0.170	0.190
B1	1.143	1.778	0.045	0.070
b	0.610	0.910	0.024	0.036
c	0.356	0.530	0.014	0.021
c1	0.45	0.61	0.018	0.024
D	11.00	11.178	0.433	0.440
E	9.652	10.668	0.380	0.420
e	2.540 BSC		0.100 BSC	
E	1.220	1.397	0.048	0.055
H1	5.842	6.858	0.230	0.270
J1	2.032	2.921	0.080	0.115
L	12.509	14.732	0.500	0.580
L1	3.400	4.000	0.134	0.150
L2	3.20	3.30	0.126	0.130
P	3.810	4.090	0.150	0.160
Q	2.940	3.420	0.116	0.135



SYMBOLS	MILLIMETERS		INCHES	
	MIN	MAX	MIN	MAX
A	4.500	5.000	0.177	0.197
B1	1.000	1.500	0.039	0.059
B2	1.030	1.330	0.041	0.052
B3	1.000	1.300	0.039	0.051

1	0.700	0.950	0.028	0.037	*
2	0.530	0.780	0.021	0.031	*
3	0.42	0.7	0.017	0.028	e
4	15.670	16.070	0.617	0.633	L
5	14.800	16.000	0.583	0.630	D
6	9.960	10.360	0.392	0.408	E
7	2.340	2.740	0.092	0.108	e
8	2.340	2.740	0.092	0.108	E
9	6.480	6.900	0.255	0.272	H
10	2.550	2.950	0.100	0.116	J
11	12.080	13.480	0.476	0.531	I
12	2.230	3.650	0.088	0.144	L1
13	3.100	3.500	0.122	0.138	C
14	2.980	3.380	0.117	0.133	d

\* 1. For MXM short lead frame, J, L dimension is 2.0±0.2mm used for Part NO. ended with "S".