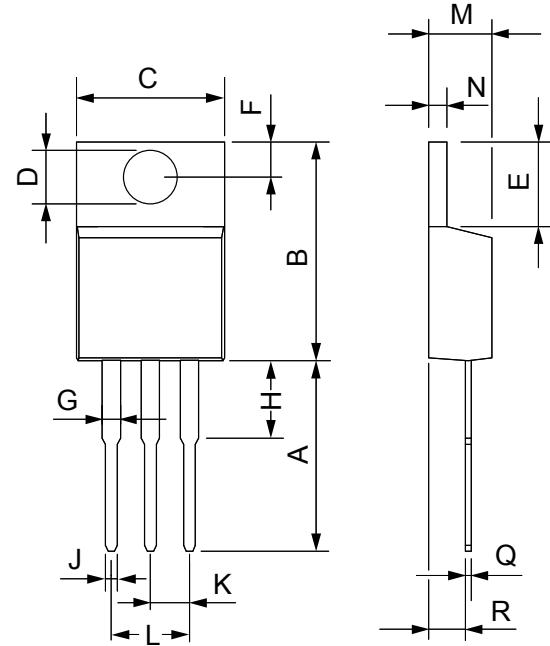


Outlines TO-220



Dim.	Millimeter		Inches	
	Min.	Max.	Min.	Max.
A	12.70	13.97	0.500	0.550
B	14.73	16.00	0.580	0.630
C	9.91	10.66	0.390	0.420
D	3.54	4.08	0.139	0.161
E	5.85	6.85	0.230	0.270
F	2.54	3.18	0.100	0.125
G	1.15	1.65	0.045	0.065
H	2.79	5.84	0.110	0.230
J	0.64	1.01	0.025	0.040
K	2.54	BSC	0.100	BSC
M	4.32	4.82	0.170	0.190
N	1.14	1.39	0.045	0.055
Q	0.35	0.56	0.014	0.022
R	2.29	2.79	0.090	0.110

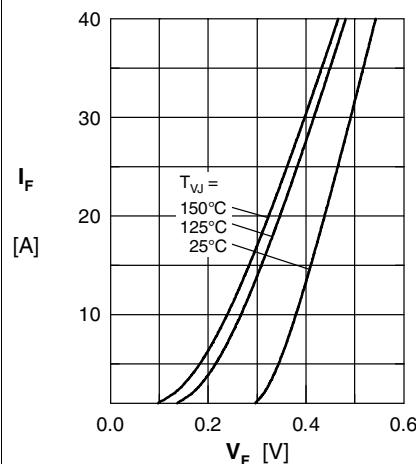


Fig. 1 Maximum forward voltage drop characteristics

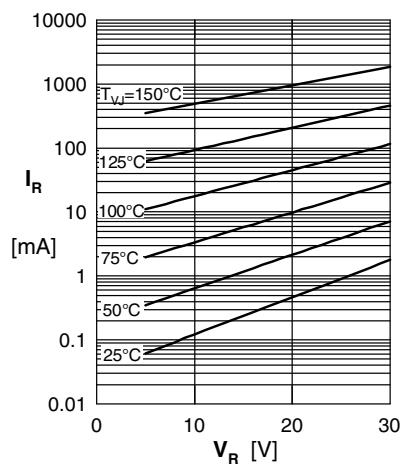
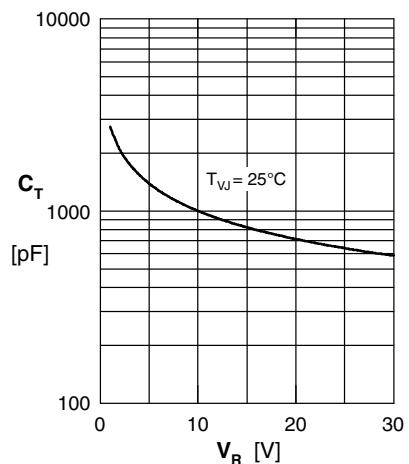
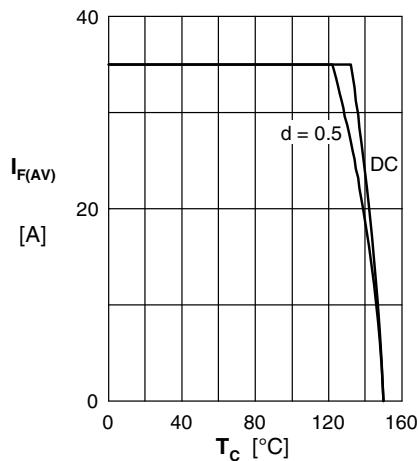
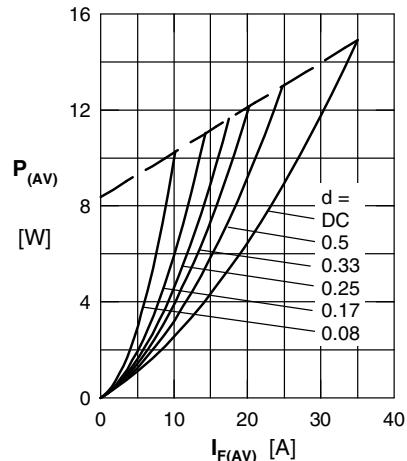
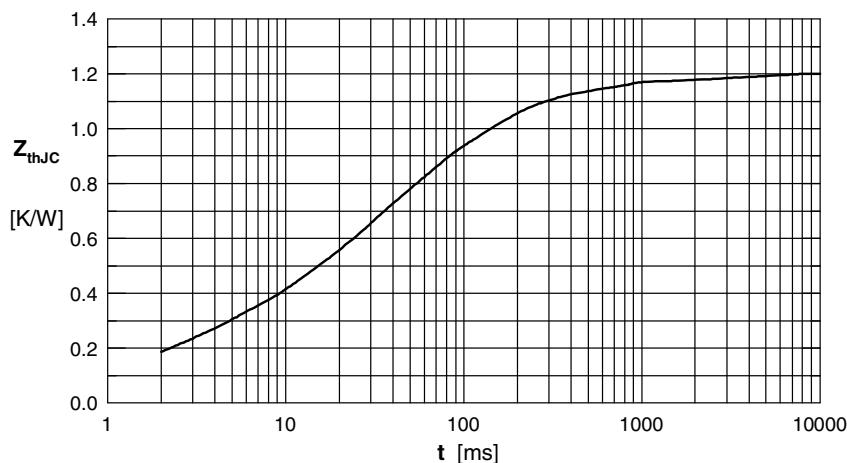
Fig. 2 Typ. reverse current I_R vs. reverse voltage V_R Fig. 3 Typ. junction capacitance C_T vs. reverse voltage V_R Fig. 4 Average forward current $I_{F(AV)}$ vs. case temperature T_c 

Fig. 5 Forward power loss characteristics



Note: All curves are per diode

Fig. 6 Transient thermal impedance junction to case at various duty cycles