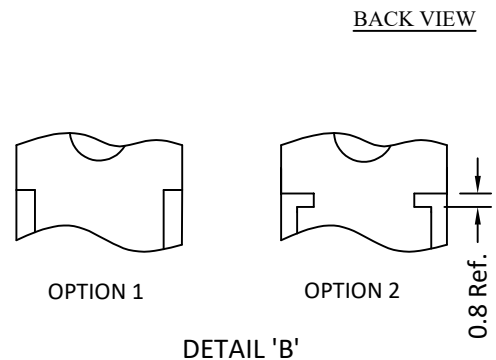
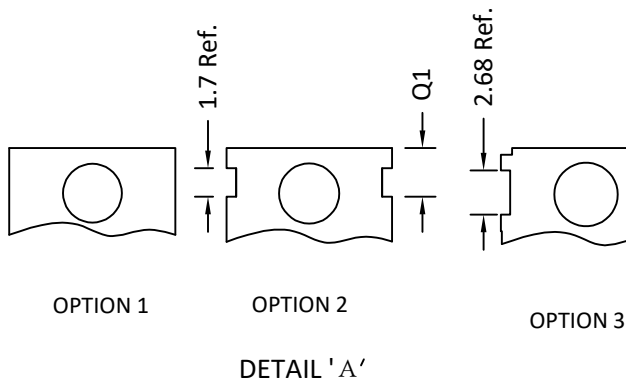
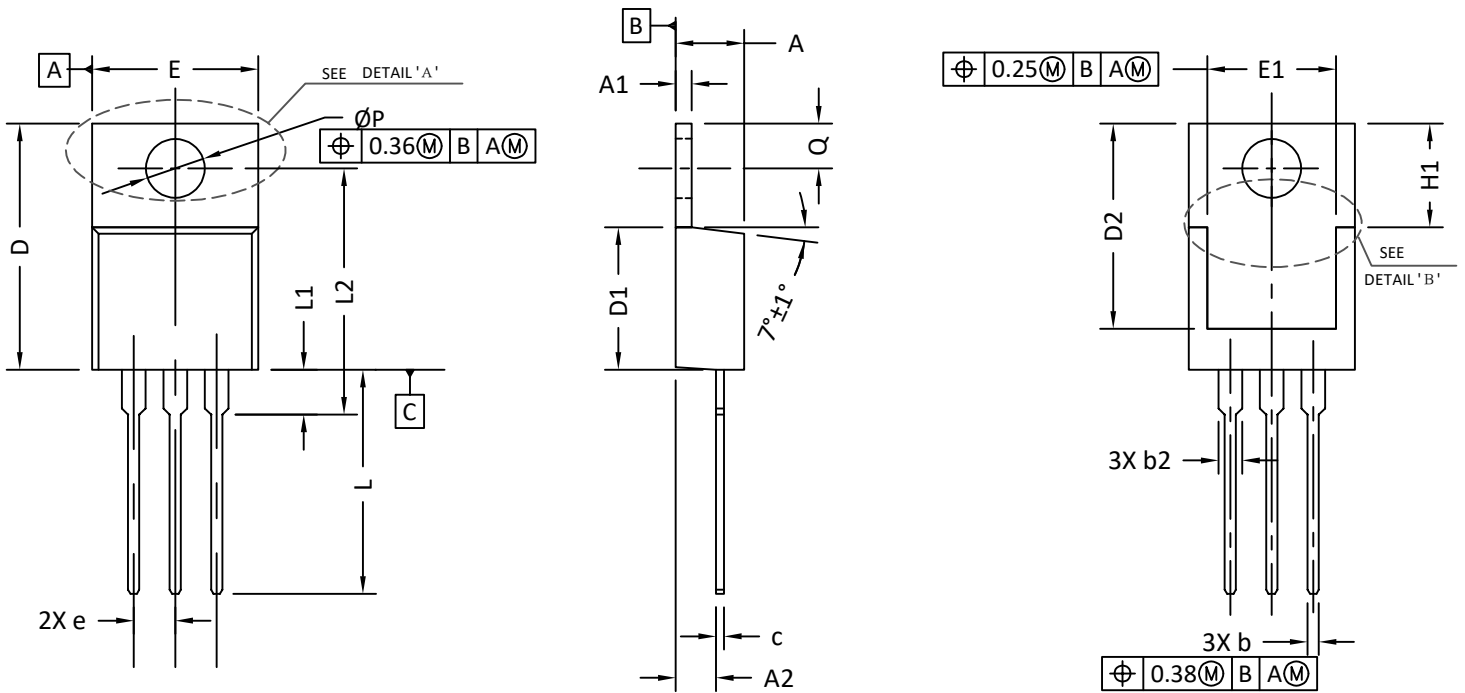
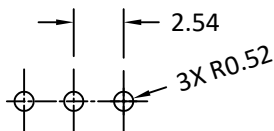


TO220 PACKAGE OUTLINE



RECOMMENDATION OF HOLE PATTERN



UNIT: mm

NOTE

1. PACKAGE BODY SIZES EXCLUDE MOLD FLASH AND GATE BURRS. MOLD FLASH SHOULD BE LESS THAN 6 MIL.
2. TOLERANCE 0.100 MILLIMETERS UNLESS OTHERWISE SPECIFIED.
3. CONTROLLING DIMENSION IS MILLIMETER. CONVERTED INCH DIMENSIONS ARE NOT NECESSARILY EXACT.

SYMBOLS	DIM. IN MM			DIM. IN INCH		
	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.
A	4.300	4.450	4.720	0.169	0.175	0.186
A1	1.150	1.270	1.400	0.045	0.050	0.055
A2	2.200	2.670	2.900	0.087	0.105	0.114
b	0.690	0.810	0.950	0.027	0.032	0.037
b2	1.170	1.370	1.450	0.046	0.054	0.057
c	0.360	0.380	0.600	0.014	0.015	0.024
D	14.500	15.440	15.800	0.571	0.608	0.622
D1	8.590	9.140	9.650	0.338	0.360	0.380
D2	11.430	11.730	12.480	0.450	0.462	0.491
e	2.54BSC			0.1BSC		
E	9.660	10.030	10.540	0.380	0.395	0.415
E1	6.220	-----	-----	0.245	-----	-----
H1	6.100	6.300	6.500	0.240	0.248	0.256
L	12.270	12.820	14.270	0.483	0.505	0.562
L1	2.470	-----	3.900	0.097	-----	0.154
L2	-----	-----	16.700	-----	-----	0.657
Q	2.590	2.740	2.890	0.102	0.108	0.114
ØP	3.500	3.840	3.890	0.138	0.151	0.153
Q1	2.700	-----	2.900	0.106	-----	0.114