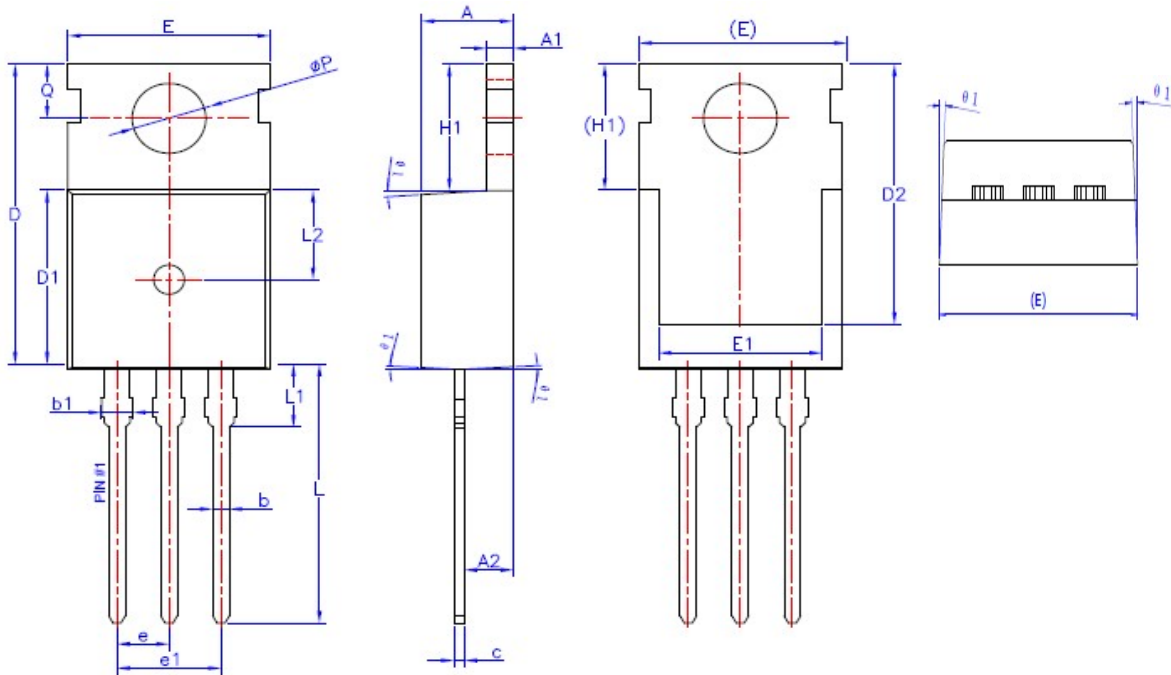
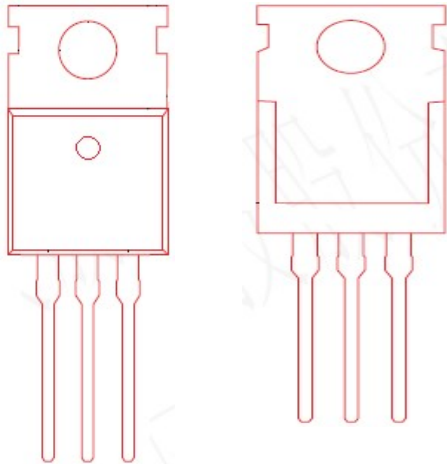




TO-220 PACKAGE OUTLINE
OPTION1



OPTION2



(mm)

SYMBOL	MIN	NOM	MAX
A	4.30	4.50	4.70
A1	1.25	1.30	1.35
A2	2.20	2.40	2.60
b	0.70	0.80	0.90
b1	-	-	1.42
c	0.40	0.50	0.60
D	15.25	15.70	16.45
D1	8.95	9.30	9.75
D2	13.10	-	13.70
E	9.70	9.90	10.20
E1	7.80	8.00	8.20
e	2.54BSC		
e1	5.08BSC		
H1	6.30	6.50	6.70
L	12.78	13.08	13.38
L1	-	-	3.50
L2(1*)	4.6REF		
L2(2*)	2.40	2.50	2.60
ϕP	3.50	3.60	3.70
Q	2.70	-	2.90
$\theta 1$	1°	3°	5°

(1*) : OPTION1

(2*) : OPTION2