



Symbol	Dimensions in Millimeters		Dimensions in Inches	
	Min	Max	Min	Max
A	4.30	4.70	0.169	0.185
A1	2.60	3.10	0.102	0.122
A2	2.40	2.70	0.094	0.106
b	0.50	0.75	0.020	0.030
b1	1.10	1.40	0.043	0.055
C	0.50	0.70	0.020	0.028
D	9.70	10.30	0.382	0.406
E	14.70	15.30	0.579	0.602
e	2.54TYP		0.100TYP	
H	27.40	28.60	1.079	1.126
L	2.50	3.00	0.098	0.118
L1	6.70	6.90	0.264	0.272
L2	3.60	3.80	0.142	0.150
L3	13.00 min.		0.512 min.	
Ø1	3.30	3.70	0.130	0.146
Ø2	3.10	3.30	0.122	0.130

Refer to JEDEC NO. TO-220F



友順科技股份有限公司
UNISONIC TECHNOLOGIES CO.,LTD

正式發行圖面

SCALE	mm
2:發行	0 30
SHEET	FOR THIRD ANGLE PROJECTION
of	SEP 29 2011
ENG.	Angus Chang 2015/09/14
APPR.	Ken Lin 2015/09/15

REV: A5
PART NO:TO-220F
DWG NO:DIM-TO-220F-000-A5

TITLE
TO-220F
Package Dimensions