



- NOTE :
1. CONTROLLING DIMENSION : mm
 2. LEAD FRAME MATERIAL : OLIN C7025/EFTEC 64T
 3. DIMENSION "D" DOES NOT INCLUDE MOLD FLASH, TIE BAR BURRS AND GATE BURRS. MOLD FLASH, TIE BAR BURRS AND GATE BURRS SHALL NOT EXCEED 0.006"[0.15mm] PER END DIMENSION "E1" DOES NOT INCLUDE INTERLEAD FLASH. INTERLEAD FLASH SHALL NOT EXCEED 0.010"[0.25mm] PER SIDE.
 4. DIMENSION "b" DOES NOT INCLUDE DAMBAR PROTRUSION. ALLOWABLE DAMBAR PROTRUSION SHALL BE 0.003"[0.08mm] TOTAL IN EXCESS OF THE "b" DIMENSION AT MAXIMUM MATERIAL CONDITION. DAMBAR CANNOT BE LOCATED ON THE LOWER RADIUS OR THE FOOT. MINIMUM SPACE BETWEEN PROTRUSION AND AN ADJACENT LEAD TO BE 0.0028"[0.07mm]
 5. TOLERANCE : ±0.010"[0.25mm] UNLESS OTHERWISE SPECIFIED.
 6. OTHERWISE DIMENSION FOLLOW ACCEPTABLE SPEC.
 7. REFERENCE DOCUMENT : JEDEC SPEC MO-153-ABT-1

SYMBOLS	DIMENSIONS IN MILLIMETERS			DIMENSIONS IN INCHES		
	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.
A	1.00	---	1.20	0.039	---	0.047
A1	0.05	---	0.15	0.002	---	0.006
A2	0.80	1.00	1.05	0.031	0.039	0.041
b	0.19	---	0.30	0.007	---	0.012
c	---	0.127 REF.	---	---	0.005 REF.	---
D	4.90	5.00	5.10	0.193	0.197	0.201
E	6.30	6.40	6.50	0.248	0.252	0.256
E1	4.30	4.40	4.50	0.169	0.173	0.177
e	---	0.65	---	---	0.026	---
L	0.45	0.60	0.75	0.018	0.024	0.030
L1	---	1.00	---	---	0.039	---
y	---	---	0.076	---	---	0.003
θ	0°	---	8°	0°	---	8°

PAD SIZE	EXPOSED PAD DIMENSION (mm)					
	D1			E2		
	MIN	NOM	MAX	MIN	NOM	MAX
A.) 2.85x2.75mm	2.35	2.60	2.85	2.25	2.50	2.75

CUSTOMER :		LINGSEN 5-1 NAN 2ND ROAD T.E.P.Z PRECISION IND., LTD TAICHUNG, TAIWAN R. O. C			
APPROVED BY	DATE	TITLE:			
DRAW BY: <i>Sandy Su</i>	03/21/13	14L TSSOP PACKAGE OUTLINE DRAWING BODY SIZE : 4.4mm FOR EXPOSED PAD STRUCTURE			
CHECK BY: <i>Kevin Chen</i>	03/21/13	DWG. NO. PO-TSSOP-021		REV. 0	
APPROVAL: <i>Parker Chen</i>	03/21/13	UNIT :	SCALE :	SHEET 1 OF 1	
APPROVAL: <i>Andy Yang</i>	03/21/13	mm	15/1		