



ORIGINAL COPY
10 JUL 2003

REV	DESCRIPTION	DATE
B	Changed to new format	Sep 01'00
C	Add solder thickness measurement. Add foot length measurement. Delete option of 4 lead. Add tolerance of dim "D","E" and E1.	Jun 17'03

SYMBOL	COMMON					
	DIMENSIONS MILLIMETER			DIMENSIONS INCH		
	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.
A	1.20	1.30	1.40	0.047	0.051	0.055
A1	0.05	-	0.15	0.002	-	0.006
A2	0.90	1.15	1.30	0.035	0.045	0.051
b	0.35	-	0.50	0.013	-	0.020
b1	0.35	0.40	0.45	0.013	0.015	0.017
c	0.08	-	0.22	0.003	-	0.008
c1	0.08	0.13	0.20	0.003	0.005	0.007
D	2.825	2.90	2.975	0.111	0.114	0.117
E	2.70	2.80	2.90	0.106	0.110	0.114
E1	1.525	1.60	1.675	0.060	0.063	0.066
e	0.95 BSC			0.037 BSC		
e1	1.90 BSC			0.074 BSC		
L	0.35	0.45	0.55	0.013	0.017	0.021
L1	0.60 REF.			0.023 REF.		
θ	0°	4°	8°	0°	4°	8°
Ø1	10° TYP			10° TYP		

NOTE :

1. Dimensioning and tolerancing per ASME Y 14.5 M - 1994.
2. Dimensions are in millimeters. Converted inch dimension are not necessarily exact.
3. Dimension D does not include mold flash, protrusions or gate burrs. Mold flash, protrusion or gate burrs shall not exceed 0.15 mm per side. Dimension E1 does not include interlead flash or protrusion. Interlead flash or protrusion shall not exceed 0.15 mm per side.
4. Top package may be smaller than the bottom package. Dimension D and E1 are determine at the outermost extremes of the plastic body exclusive of mold flash gate burrs and interlead flash.
5. Terminal numbers are shown for reference only. Die is facing up for molding. Die is facing down for trim/form.
6. Solder thickness measured at flat section of lead between 0.08 mm and 0.15 mm from lead tip.
7. Foot length measured at intercept opine between gauge plane and lead surface.



DRAWN BY: SEKSON P. *Sekson Jun 19 03*
 CHECKED BY: NATAPORN C. *N. Nataporn Jun 19 03*
 APPROVED BY: THANAPORN I. *Thana I. Jun 19 03*
 APPROVED BY: VIRAT T. *Virat T. Jun 20 03*

TITLE: SOT-23 PACKAGE OUTLINE DRAWING
 DATE: JUN 17'03 REF. NO.: JEDEC MO-178 "AA-AB"
 DWG. NO. W005PD-02 REV. C SHEET 1 OF 1
 SCALE: NOT TO SCALE