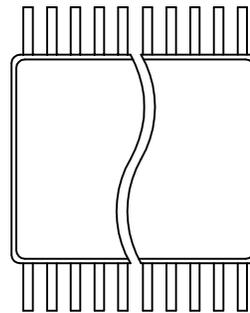
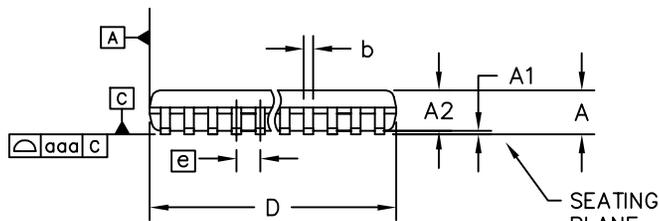


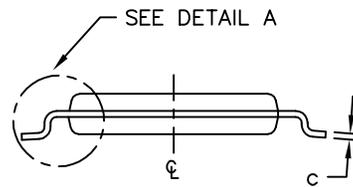
TOP VIEW



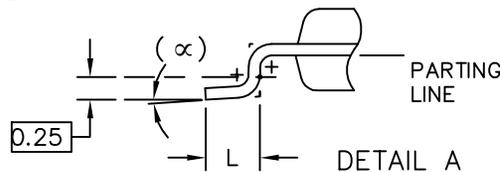
BOTTOM VIEW



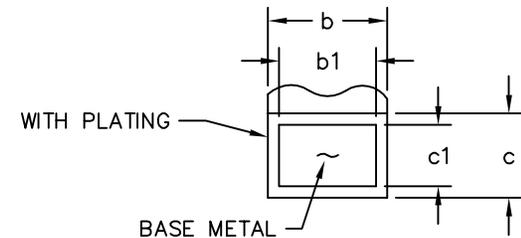
SIDE VIEW



END VIEW



DETAIL A



SECTION C-C

SYMBOL	COMMON DIMENSIONS		
	MIN.	NOM.	MAX.
A	--	--	1.10
A1	0.05	--	0.15
A2	0.85	0.90	0.95
aaa	0.10		
b	0.17	--	0.27
b1	0.17	0.20	0.23
c	0.09	--	0.20
c1	0.09	0.127	0.16
E	6.00	6.10	6.20
D	12.40	12.50	12.60
e	0.50 BSC		
H	8.10 BSC		
L	0.50	0.60	0.75
α	0°	--	8°
N	48		
Pkgcode:	U48-1		

NOTES:

1. DIMENSIONS D & E ARE REFERENCE DATUMS AND DO NOT INCLUDE MOLD FLASH.
2. MOLD FLASH OR PROTRUSIONS NOT TO EXCEED 0.15MM ON D SIDE, AND 0.25MM ON E SIDE.
3. CONTROLLING DIMENSION: MILLIMETERS.
4. THIS PART IS COMPLIANT WITH JEDEC SPECIFICATION MO-153, VARIATIONS, ED (48L), EE (56L).
5. "N" REFERS TO NUMBER OF LEADS.
6. THE LEAD TIPS MUST LIE WITHIN A SPECIFIED ZONE. THIS TOLERANCE ZONE IS DEFINED BY TWO PARALLEL PLANES. ONE PLANE IS THE SEATING PLANE, DATUM (-C-), THE OTHER PLANE IS AT THE SPECIFIED DISTANCE FROM (-C-) IN THE DIRECTION INDICATED.
7. MARKING IS FOR PACKAGE ORIENTATION REFERENCE ONLY.
8. NUMBER OF LEADS SHOWN ARE FOR REFERENCE ONLY.
9. ALL DIMENSIONS APPLY TO BOTH LEADED (-) AND PbfREE (+) PKG. CODES.

-DRAWING NOT TO SCALE-



TITLE:
PACKAGE OUTLINE,
48L TSSOP, 6.1mm BODY

APPROVAL
RAMON DE LEON
05/22/09

DOCUMENT CONTROL NO.
21-0155

REV. 1/1
D