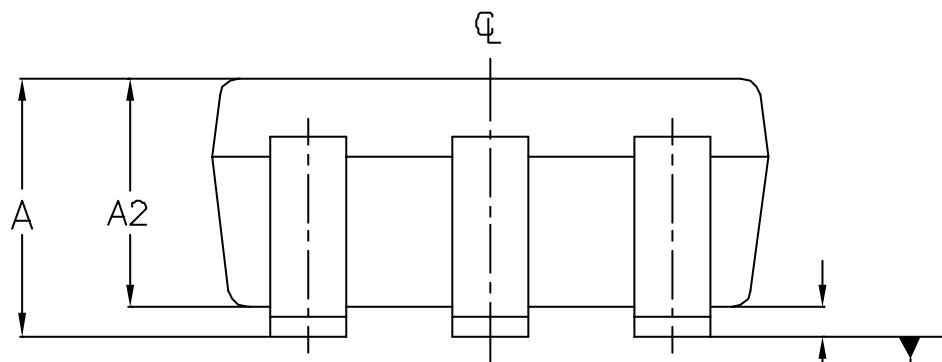


A




A

SEE SHEET 2

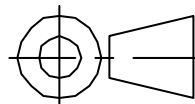
APPROVAL	SIGN	DATE
TOOLING MGR		
ENGG MGR		
OPERATIONS MGR		

FOR REVISION UPDATE PLEASE REFER TO HISTORY OF CHANGES.

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REV  
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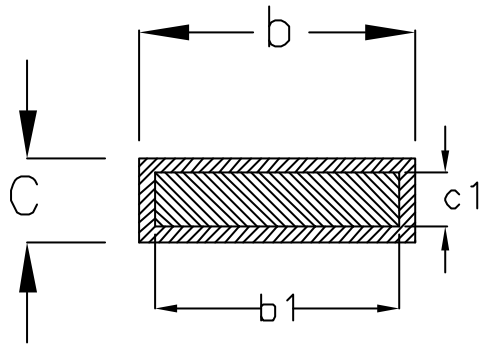
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DESIGNED	-
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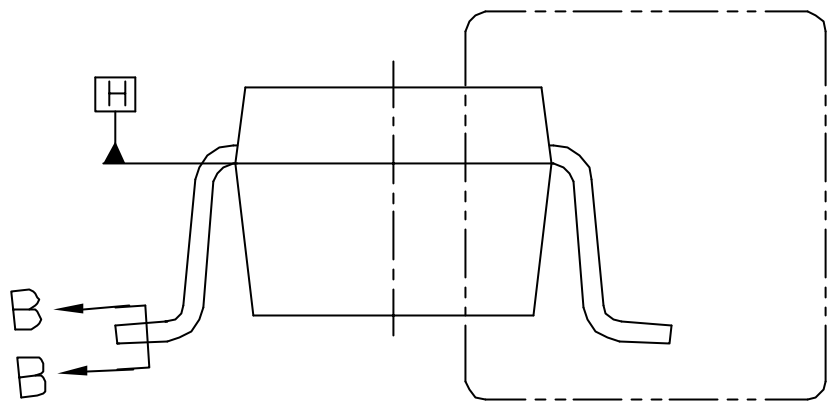
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SOT 23  
PACKAGE OUTLINE

PAGE : 1 of 5

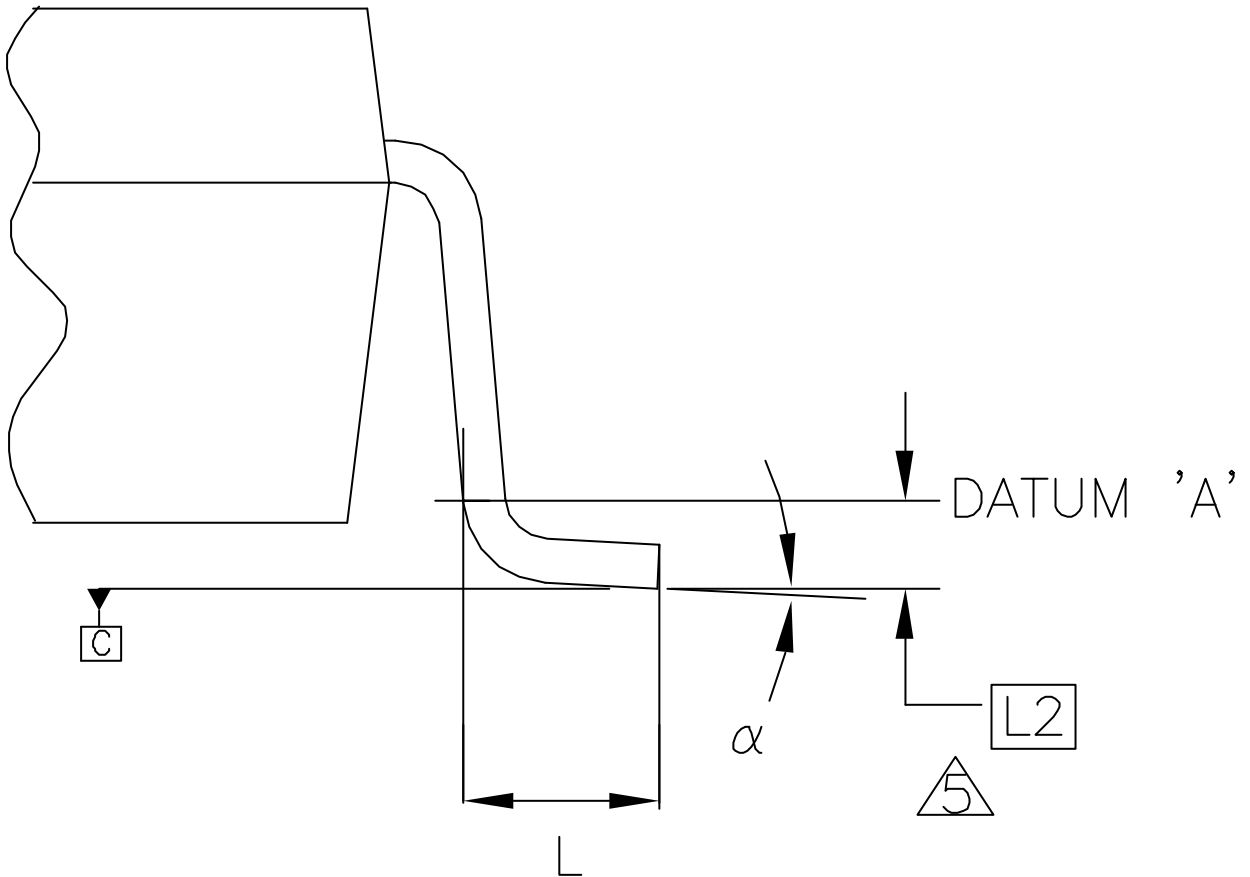


SECTION B-B




VIEW A-A  
SHEET 1

DETAIL C



DETAIL C

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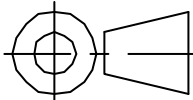
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	APP'D -		SOT 23 PACKAGE OUTLINE
	CHECKED KC LAU		
	DESIGNED -		
DRAWN WI ONG	PAGE 1 2 of 5		

TABLE 1: COMMON HEIGHT DIMENSION


V-PROFILE HEIGHT 

DIM SYMBOL	MIN	NOM	MAX
A	0.90	-	1.45
A1	0.00	-	0.15
A2	0.90	-	1.30
c	0.14	-	0.20
c1	0.14	0.15	0.16
L2 BSC	0.25		
$\alpha$	0°	-	8°
NOTES	1,2		
REF			
ISSUE			

TABLE 2: TOLERANCE OF FORM AND POSITION

PITCH (MM) SYMBOL	
	0.50
aaa	0.15
bbb	0.20
ccc	0.10
NOTES	1,2
REF	
ISSUE	

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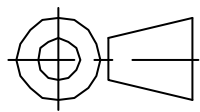


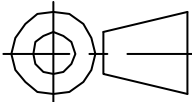
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	APP'D	-		SOT 23 PACKAGE OUTLINE
	CHECKED	KC LAU		
	DRAWN	WL ONG		PAGE : 3 of 5

TABLE 3

SYMBOL \ VARIATION		AA 	AB	BA				NOTE
b	MIN	0.30	0.30	0.22				
	NOM	-	-	-				
	MAX	0.50	0.50	0.38				
b1	MIN	0.30	0.30	0.22				
	NOM	0.35	0.35	0.26				
	MAX	0.45	0.45	0.33				
D BSC		2.90	2.90	2.90				
E BSC		2.80	2.80	2.80				
E1 BSC		1.60	1.60	1.60				
L	MIN	0.30	0.30	0.30				
	NOM	-	-	-				
	MAX	0.55	0.55	0.55				
e BSC		0.95	0.95	0.65				
e1 BSC		1.90	1.90	1.95				
N		5	6	8				
ddd		0.20	0.20	0.13				
NOTES		1,2,9	1,2,9	1,2,9				
REF								
ISSUE								

FOR REVISION UPDATE PLEASE REFER TO HISTORY OF CHANGES.

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REV 0	DWG NO: -SOT23D-CP0D-0047			FILE:-SOT23D-CP0D-0047-REVO
	APP'D	-		SOT 23 PACKAGE OUTLINE
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	DRAWN	WL ONG		
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## Note:

1. Dimensioning and tolerancing conform to ASME Y14.5M-1994.
2. All dimensions are in millimeters . All angles are in degrees.
3. N is the total number of terminals.

4. The terminal #1 identifier and terminal numbering convention shall conform to JESD 95-1 SPP-012. Details of terminal #1 identifier are optional , but must be located within the zone indicated. The terminal #1 identifier may be a molded, marked, or metalized features.

5. Foot length measured at intercept point between datum A & lead surface

6. For a complete set of dimensions for each variation, see the individual variation and the common dimensions and tolerances on page 3.

7. Package variation "AA" is a 5 lead version of the 6 lead variation "AB" where lead #5 has been removed from the 6 lead "AB" variation.


8. Package outline exclusive of mold flash & metal burr

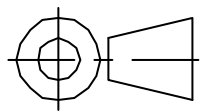
9. Datums A & B to be determined at datum H

10. All specifications comply to JEDEC MO-178.

11. Dimension "b" does not include dambar protrusion. Allowable dambar protrusion shall be 0.08 mm total in excess of the "b" dimension at Maximum Material Condition. The dambar cannot be located on the lower radius of the foot. Minimum space between protrusion and an adjacent lead shall no be less than 0.07 mm.

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	APP'D	-		SOT 23 PACKAGE OUTLINE
	CHECKED	KC LAU		
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