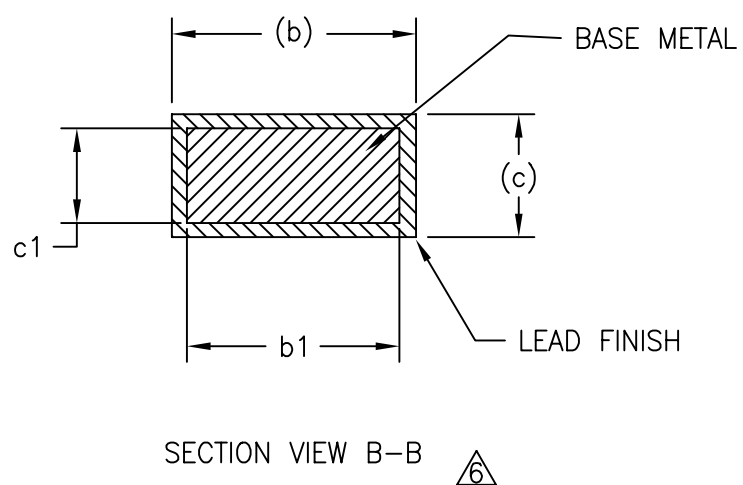
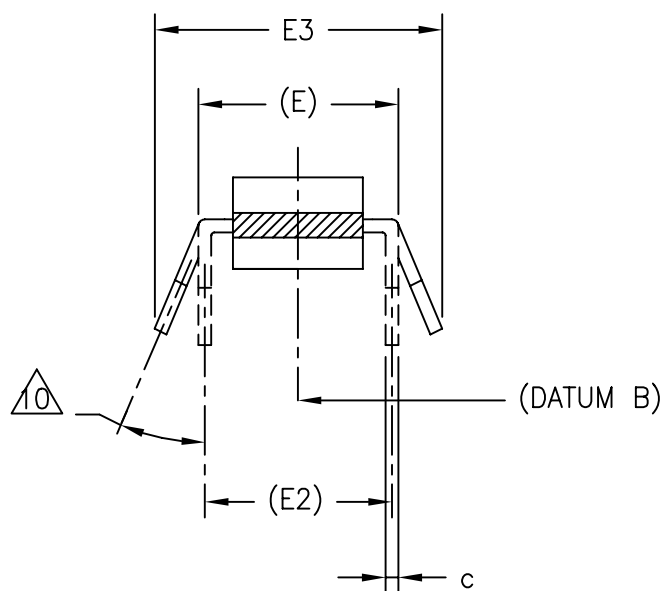


JEDEC SOLID STATE PRODUCT OUTLINE	THIS <i>STANDARD OUTLINE</i> HAS BEEN PREPARED BY THE JEDEC JC-11 COMMITTEE AND APPROVED BY THE JEDEC COUNCIL AND REFLECTS A PRODUCT WITH WIDE ACCEPTANCE IN THE ELECTRONICS INDUSTRY; CHANGES ARE NOT LIKELY TO OCCUR.					
TITLE CERAMIC DUAL-IN-LINE (DIP) FAMILY, .600" ROW SPACING	PACKAGE DESIGNATOR R-GDIP-T	ISSUE A	DATE 5/99	MS-032	SHEET 1 OF 5	



S Y M B O L	COMMON DIMENSIONS			N O T E S
	MIN.	NOM.	MAX.	
A	--	--	.225	8
A1	.015	--	--	8
A2	.140	--	.175	
b	.015	--	.023	6
b1	.015	.018	.021	6
b2	.045	--	.065	
c	.008	--	.014	6
c1	.008	.010	.012	6
E	.608	--	.625	
E2	.600 REF			
E3	.625	--	.710	9
e	.100 BSC			
L	.125	--	.200	8
TOLERANCES OF FORM AND POSITION				
aaa	.010			
NOTES	1, 2			
REF.	11.10-376S			
ISSUE	A			

SYMBOL	VARIATIONS (ALL DIMENSIONS ARE IN INCHES)									NOTES
	AA			AB			AC			
	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.	
D	1.242	1.250	1.270	1.442	1.450	1.470	1.642	1.650	1.670	7
E1	.512	.520	.528	.512	.520	.528	.569	.577	.585	7
N	24			28			32			4
NOTES	1, 2			1, 2			1, 2			
REF.	11.10–376S			11.10–376S			11.10–376S			
ISSUE	A			A			A			

SYMBOL	VARIATIONS (ALL DIMENSIONS ARE IN INCHES)									NOTES
	AD									
	MIN.	NOM.	MAX.							
D	2.042	2.050	2.070							7
E1	.512	.520	.528							7
N	40									4
NOTES	1, 2									
REF.	11.10—376S									
ISSUE	A									

NOTES:

1. DIMENSIONING AND TOLERANCING CONFORM TO ASME Y14.5M-1994.
2. ALL DIMENSIONS ARE IN INCHES.
3. A STEPPED EDGE RELIEF IS REQUIRED ALONG ALL BODY EDGES AND CORNERS.
4. N IS THE MAXIMUM NUMBER OF LEADS.
5. A LEAD #1 IDENTIFIER SHALL BE LOCATED WITHIN THE INDICATED ZONE. DETAILS OF THE LEAD #1 IDENTIFIER ARE OPTIONAL.
6. MEASUREMENTS TO BE TAKEN AT A MINIMUM OF .060 INCHES FROM THE LEAD TIP.
7. DIMENSIONS D AND E1 INCLUDE ALLOWANCE FOR GLASS OVERRUN AND MENISCUS, AND LID TO BASE MISMATCH.
8. DIMENSIONS A, A1, AND L ARE MEASURED WITH THE PACKAGE SEATED IN JEDEC SEATING PLANE GAUGE GS-003.
9. E3 IS TO BE MEASURED AT THE LEAD TIPS.
10. DIMENSIONS E AND E3 MUST ALWAYS PROVIDE FOR A UNIFORM LEAD ANGLE AS SHOWN.
11. THIS DIMENSION APPLIES ONLY TO VARIATIONS WITH AN EVEN NUMBER OF LEADS PER SIDE. THIS VALUE IS ZERO FOR VARIATIONS WITH AN ODD NUMBER OF LEADS PER SIDE.

APPLICATION NOTE:

1. POINTED OR ROUNDED TERMINAL TIPS ARE PREFERRED TO EASE INSERTION.

JEDEC SOLID STATE PRODUCT OUTLINE	TITLE CERAMIC DUAL-IN-LINE (DIP) FAMILY, .600" ROW SPACING	ISSUE A	DATE 5/99	MS-032	SHEET 5 OF 5
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