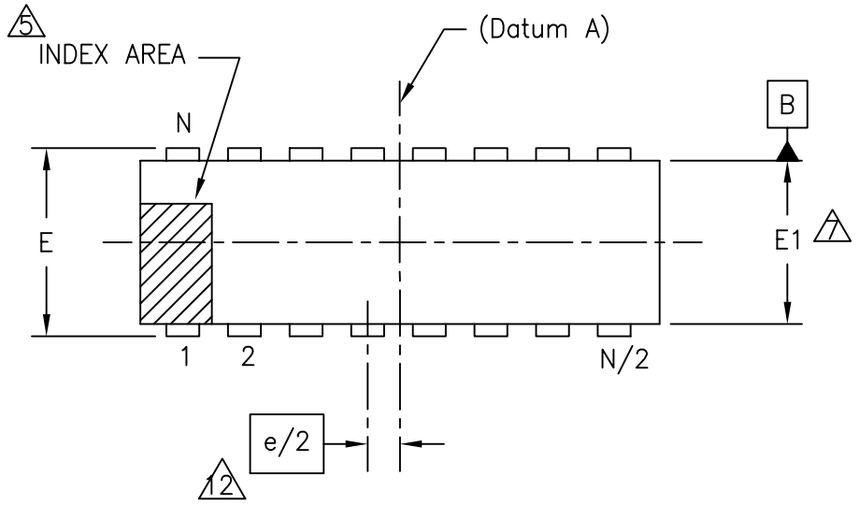
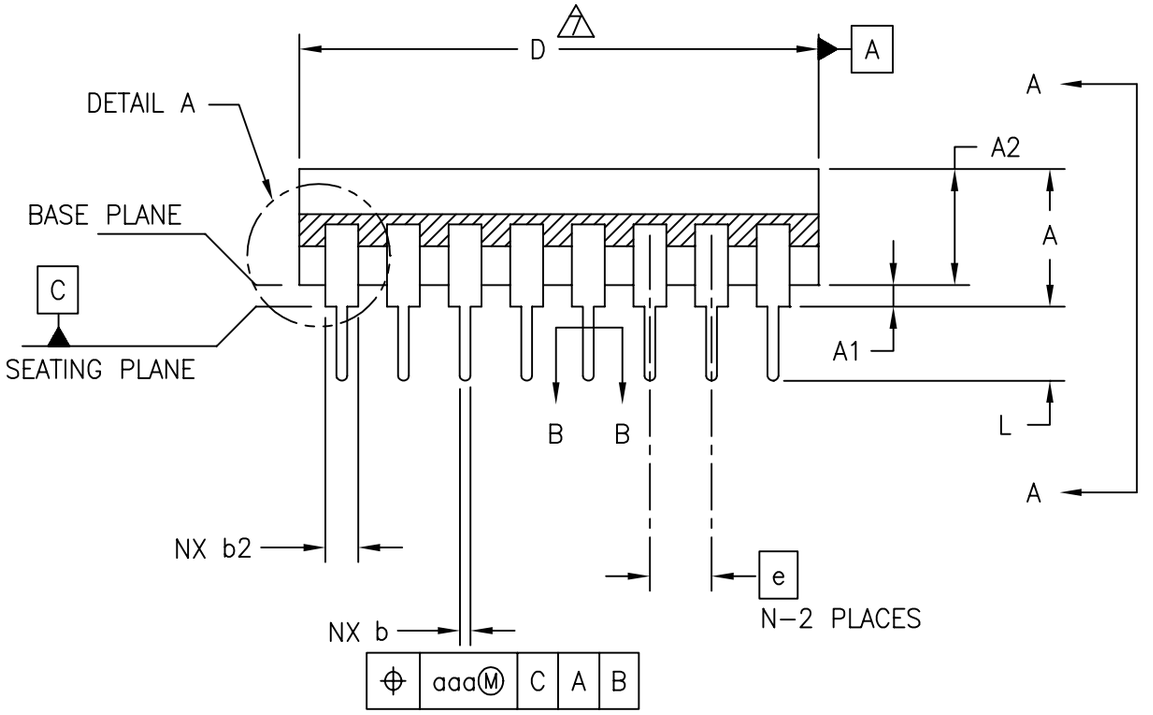
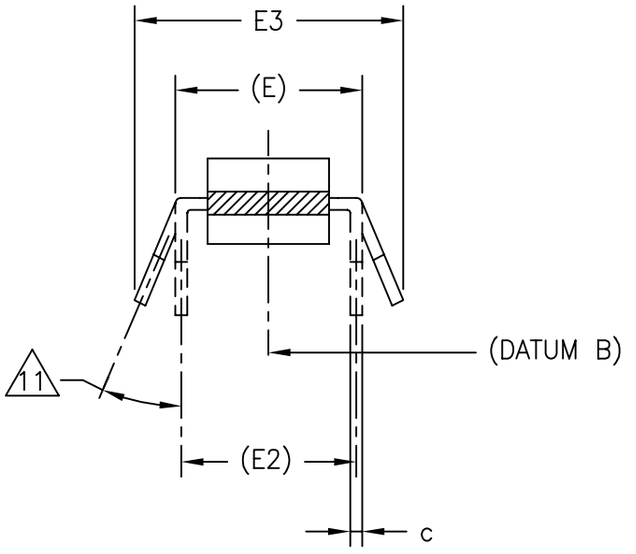


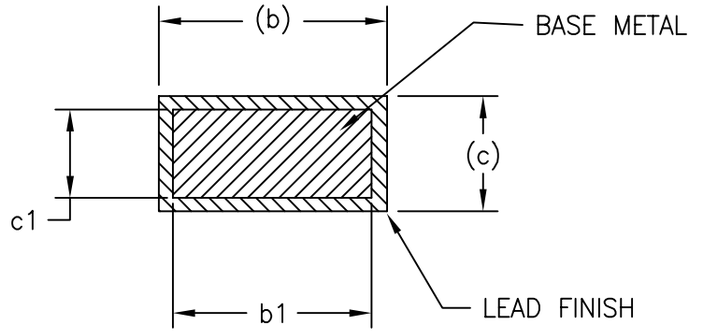


JEDEC SOLID STATE PRODUCT OUTLINE	THIS ***STANDARD OUTLINE*** HAS BEEN PREPARED BY THE JEDEC JC–11 COMMITTEE AND APPROVED BY THE JEDEC COUNCIL AND REFLECTS A PRODUCT WITH WIDE ACCEPTANCE IN THE ELECTRONICS INDUSTRY; CHANGES ARE NOT LIKELY TO OCCUR.

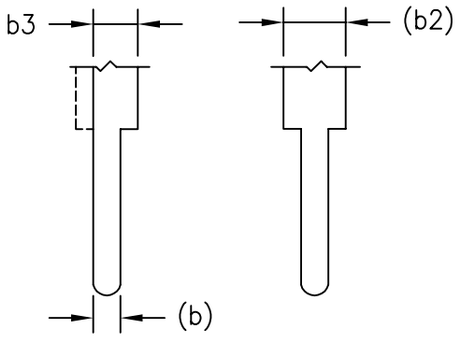
TITLE	PACKAGE DESIGNATOR	ISSUE	DATE		SHEET
CERAMIC DUAL–IN–LINE (DIP) FAMILY, .300" ROW SPACING	R–GDIP–T	A	5/99	MS–030	1 OF 6



VIEW A–A



SECTION VIEW B–B 6



(HALF LEAD) (FULL LEAD)

8 DETAIL A

JEDEC SOLID STATE PRODUCT OUTLINE	TITLE CERAMIC DUAL–IN–LINE (DIP) FAMILY, .300" ROW SPACING	ISSUE A	DATE 5/99	MS–030	SHEET 2 OF 6

SYMBOL	COMMON DIMENSIONS			NOTES
	MIN.	NOM.	MAX.	
A	--	--	.200	9
A1	.015	--	--	9
A2	.140	--	.175	
b	.015	--	.023	6
b1	.015	.018	.021	6
b2	.045	--	.065	
c	.008	--	.014	6
c1	.008	.010	.012	6
E2	.300 REF			
e	.100 BSC			
L	.125	--	.200	9
TOLERANCES OF FORM AND POSITION				
aaa	.010			
NOTES	1, 2			
REF.	11.10-374S			
ISSUE	A			

SYMBOL	VARIATIONS (ALL DIMENSIONS ARE IN INCHES)									NOTES
	AA			AB			AC			
	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.	
b3	.023	--	.045	--	--	--	.023	--	.045	
D	.372	.380	.388	.752	.760	.780	.752	.760	.780	7
E	.308	--	.314	.308	--	.325	.308	--	.325	
E1	.240	.248	.256	.280	.288	.296	.280	.288	.296	7
E3	.314	--	.410	.325	--	.410	.325	--	.410	10
N	8			14			16			4
NOTES	1, 2, 8			1, 2			1, 2, 8			
REF.	11.10-374S			11.10-374S			11.10-374S			
ISSUE	A			A			A			

SYMBOL	VARIATIONS (ALL DIMENSIONS ARE IN INCHES)									NOTES
	AD			AE			AF			
	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.	
b3	--	--	--	.023	--	.045	--	--	--	
D	.882	.890	.910	.942	.950	.970	1.242	1.250	1.270	7
E	.308	--	.325	.308	--	.325	.308	--	.325	
E1	.280	.288	.296	.280	.288	.296	.280	.288	.296	7
E3	.325	--	.410	.325	--	.410	.325	--	.410	10
N	18			20			24			4
NOTES	1, 2			1, 2, 8			1, 2			
REF.	11.10-374S			11.10-374S			11.10-374S			
ISSUE	A			A			A			

SYMBOL	VARIATIONS (ALL DIMENSIONS ARE IN INCHES)									NOTES
	AG									
	MIN.	NOM.	MAX.							
b3	--	--	--							
D	1.442	1.450	1.470							7
E	.308	--	.325							
E1	.280	.288	.296							7
E3	.325	--	.410							10
N	28									4
NOTES	1, 2									
REF.	11.10-374S									
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. HALF LEADS ARE REQUIRED ON END LEADS ONLY. THE MISSING HALF OF THE LEAD IS THE PORTION THAT FACES THE OUTSIDE OF THE PACKAGE AS NOTED IN THE VARIATION TABLES.
9. DIMENSIONS A, A1, AND L ARE MEASURED WITH THE PACKAGE SEATED IN JEDEC SEATING PLANE GAUGE GS–003.
10. E3 IS TO BE MEASURED AT THE LEAD TIPS.
11. DIMENSIONS E AND E3 MUST ALWAYS PROVIDE FOR A UNIFORM LEAD ANGLE AS SHOWN.
12. 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.