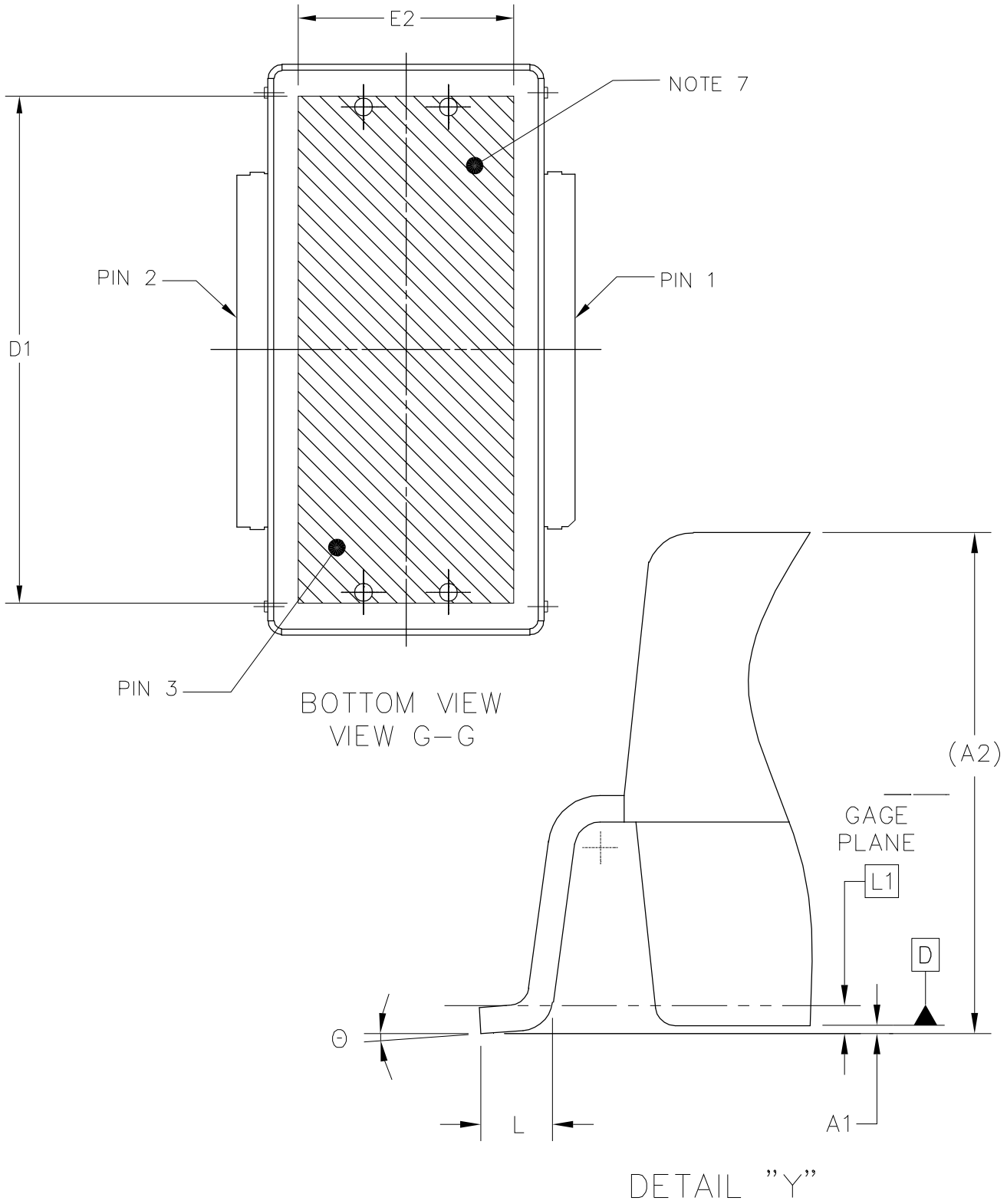


© NXP SEMICONDUCTORS N.V. ALL RIGHTS RESERVED	MECHANICAL OUTLINE	PRINT VERSION NOT TO SCALE
TITLE: OM780-2 GULL WING LEAD FORM A1 SPECIAL	DOCUMENT NO: 98ASA10832D	REV: D
	STANDARD: NON-JEDEC	
	SOT1815-2	16 MAR 2016



© NXP SEMICONDUCTORS N.V. ALL RIGHTS RESERVED	MECHANICAL OUTLINE	PRINT VERSION NOT TO SCALE
TITLE: OM780-2 GULL WING LEAD FORM A1 SPECIAL	DOCUMENT NO: 98ASA10832D	REV: D
	STANDARD: NON-JEDEC	
	SOT1815-2	16 MAR 2016



NOTES:

1. CONTROLLING DIMENSION: INCH
2. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994.
3. DATUM PLANE H IS LOCATED AT TOP OF LEAD AND IS COINCIDENT WITH THE LEAD WHERE THE LEAD EXITS THE PLASTIC BODY AT THE TOP OF THE PARTING LINE.
4. DIMENSIONS D AND E1 DO NOT INCLUDE MOLD PROTRUSION. ALLOWABLE PROTRUSION IS .006 INCH (0.15 MM) PER SIDE. DIMENSIONS D AND E1 DO INCLUDE MOLD MISMATCH AND ARE DETERMINED AT DATUM PLANE H.
5. DIMENSION b DOES NOT INCLUDE DAMBAR PROTRUSION. ALLOWABLE DAMBAR PROTRUSION SHALL BE .005 INCH (0.13 MM) TOTAL IN EXCESS OF THE b DIMENSION AT MAXIMUM MATERIAL CONDITION.
6. DATUM A AND B TO BE DETERMINED AT DATUM PLANE H.
7. HATCHING REPRESENT THE EXPOSED AREA OF THE HEAT SLUG.THE DIMENSIONS D1 AND E2 REPRESENT THE VALUES BETWEEN THE TWO OPPOSITE POINTS ALONG THE EDGES OF EXPOSED AREA OF HEAT SLUG.
8. DIMPLED HOLE REPRESENTS INPUT SIDE.
9. DIMENSION A1 IS MEASURED WITH REFERENCE TO DATUM D. THE POSITIVE VALUE IMPLIES THAT THE BOTTOM OF THE PACKAGE IS HIGHER THAN THE BOTTOM OF THE LEAD.

DIM	INCH		MILLIMETER		DIM	INCH		MILLIMETER	
	MIN	MAX	MIN	MAX		MIN	MAX	MIN	MAX
A	.148	.152	3.76	3.86	b	.497	.503	12.62	12.78
A1	-.002	.002	-0.05	0.05	c1	.007	.011	0.18	0.28
A2	(.150)		(3.81)		∅	0°	8°	0°	8°
D	.808	.812	20.52	20.62	e1	.721	.729	18.31	18.52
D1	.720	----	18.29	----	aaa	.004		0.10	
E	.472	.480	11.99	12.19					
E1	.390	.394	9.91	10.01					
E2	.306	----	7.77	----					
E3	.383	.387	9.73	9.83					
L	.018	.024	0.46	0.61					
L1	.01 BSC		0.25 BSC						

© NXP SEMICONDUCTORS N.V.
ALL RIGHTS RESERVED

MECHANICAL OUTLINE

PRINT VERSION NOT TO SCALE

TITLE: OM780-2
GULL WING LEAD FORM
A1 SPECIAL

DOCUMENT NO: 98ASA10832D REV: D

STANDARD: NON-JEDEC

SOT1815-2

16 MAR 2016