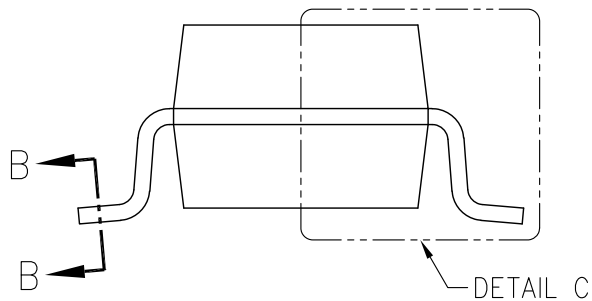


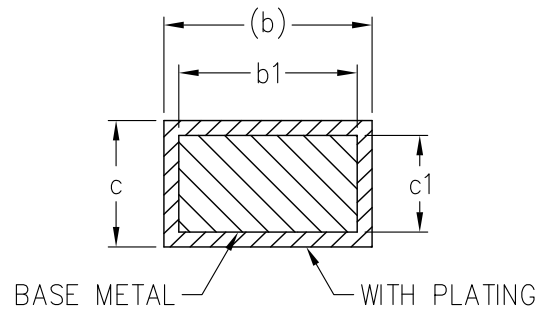


THIS *REGISTERED OUTLINE* HAS BEEN PREPARED BY THE JEDEC JC-11 COMMITTEE AND REFLECTS A PRODUCT WITH ANTICIPATED USAGE IN THE ELECTRONICS INDUSTRY; CHANGES ARE LIKELY TO OCCUR.

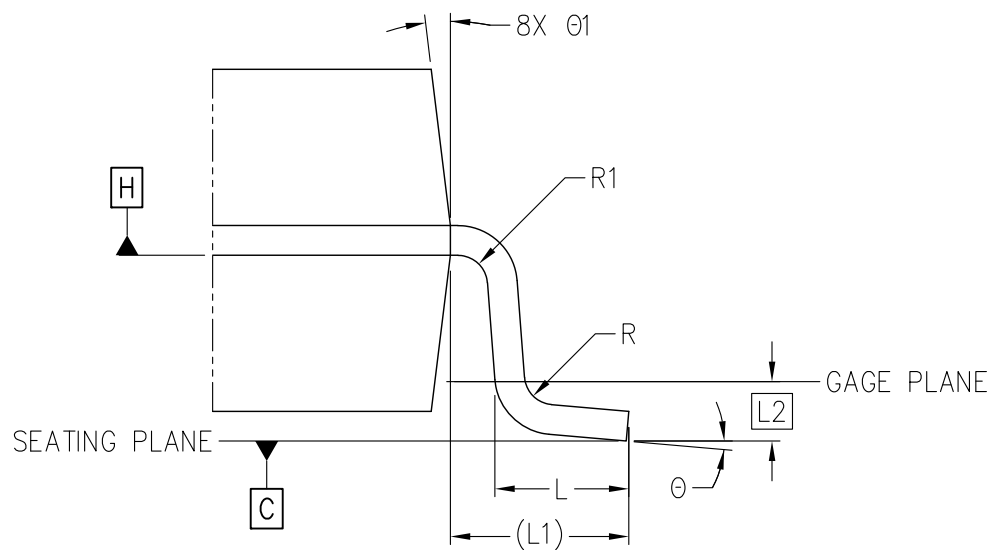
TITLE	PLASTIC DUAL SMALL OUTLINE GULL WING PACKAGE, 1.10MM THICK	PACKAGE DESIGNATOR	NUMBER	ISSUE	DATE	SHEET
		PDSO-G#_I0P##-##...	MO-193	G	FEB 2021	1 OF 5



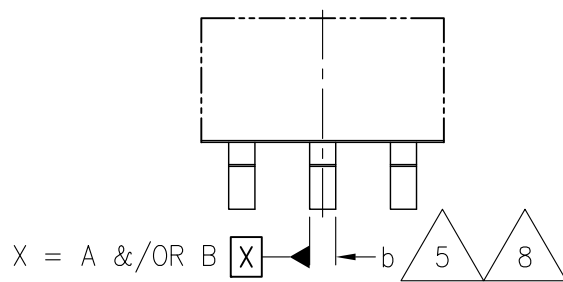
VIEW A-A



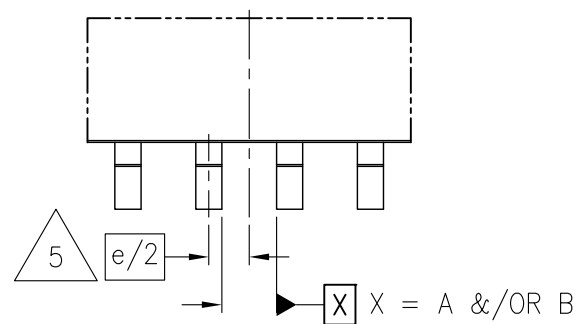
SECTION B-B



DETAIL C



ODD LEAD SIDES
TOPVIEW



EVEN LEAD SIDES
TOPVIEW

TABLE 1

COMMON DIMENSIONS				
SYMBOL	MIN	NOM	MAX	NOTES
A	---	---	1.10	
A1	0	---	0.10	
A2	0.70	0.90	1.00	
c	0.08	---	0.20	7
c1	0.08	0.13	0.16	7
D	2.90 BASIC			3, 4
E	2.80 BASIC			3, 4
E1	1.60 BASIC			3, 4
L	0.30	0.45	0.60	
L1	0.60 REF			
L2	0.25 BASIC			
R	0.10	---	---	
R1	0.10	---	0.25	
θ	0°	4°	8°	
θ1	0°	10°	15°	
NOTES	1, 2, 8			
REF	11-462, 10-399, 10-400, 11-879, 11-983			
ISSUE	F			

TABLE 2

TOLERANCE OF FORM AND POSITION	
SYMBOL	VALUE
aaa	0.15
bbb	0.20
ccc	0.10
NOTES	1, 2
REF	11-462, 10-399, 11-879
ISSUE	E

TABLE 3

VARIATIONS										
SYMBOL	PDSO—G5_IOP95— R2p9x1p6Z1p1— N2p8T0p22			PDSO—G6_IOP95— R2p9x1p6Z1p1— N2p8T0p22			PDSO—G8_IOP65— R2p9x1p6Z1p1— N2p8T0p22			NOTES
	MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	
b	0.30	—	0.50	0.30	—	0.50	0.20	—	0.40	7, 8
b1	0.30	0.40	0.45	0.30	0.40	0.45	0.20	0.30	0.35	7, 8
e	0.95 BASIC			0.95 BASIC			0.65 BASIC			
e1	1.90 BASIC			1.90 BASIC			1.95 BASIC			
N	6			5			8			
TOLERANCE OF FORM AND POSITION										
ddd	0.20			0.20			0.13			
NOTES	1, 2			1, 2, 6			1, 2			
REF	11–462, 11–983			10–399, 11–983			10–399, 11–983, 11–990			
ISSUE	F			F			G			

NOTES:

1. DIMENSIONING AND TOLERANCING PER ASME Y14.5–2009.

2. DIMENSIONS IN MILLIMETERS.



DIMENSION D DOES NOT INCLUDE MOLD FLASH, PROTRUSIONS OR GATE BURRS. MOLD FLASH, PROTRUSIONS OR GATE BURRS SHALL NOT EXCEED 0.25 mm PER END. DIMENSION E1 DOES NOT INCLUDE INTERLEAD FLASH OR PROTRUSION. INTERLEAD FLASH OR PROTRUSION SHALL NOT EXCEED 0.25 mm PER SIDE. D AND E1 DIMENSIONS ARE DETERMINED AT DATUM H.



THE PACKAGE TOP MAY BE SMALLER THAN THE PACKAGE BOTTOM. DIMENSIONS D AND E1 ARE DETERMINED AT THE OUTERMOST EXTREMES OF THE PLASTIC BODY EXCLUSIVE OF MOLD FLASH, TIE BAR BURRS, GATE BURRS AND INTERLEAD FLASH, BUT INCLUDING ANY MISMATCH BETWEEN THE TOP AND BOTTOM OF THE PLASTIC BODY. D AND E1 DIMENSIONS ARE DETERMINED AT DATUM H.



DATUMS A & B TO BE DETERMINED AT DATUM H.



PACKAGE VARIATION "AB" IS A 5 LEAD VERSION OF THE 6 LEAD VARIATION "AA" WHERE LEAD #5 HAS BEEN REMOVED FROM THE 6 LEAD "AA" VARIATION.



THESE DIMENSIONS APPLY TO THE FLAT SECTION OF THE LEAD BETWEEN 0.08 mm AND 0.15 mm FROM THE LEAD TIP.



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 NOT BE LESS THAN 0.07 mm.



DETAILS OF THE PIN 1 IDENTIFIER ARE OPTIONAL, BUT MUST BE LOCATED WITHIN THE ZONE INDICATED.

STP (3D) FILE RECORD

3D FILE NAMES MAY EXCEED LENGTH REQUIREMENTS FOR SOME SOFTWARE TOOLS.

STP FILE NAME	ISSUE	DATE	ITEM NUMBER
—	—	—	—

TASK GROUP CONTRIBUTORS

TEXAS INSTRUMENTS INC.

CHANGE RECORD

IF THE CHANGE INVOLVES ANY WORDS ADDED OR DELETED (EXCLUDING DELETION OF ACCIDENTALLY REPEATED WORDS), THE CHANGE IS TO BE INCLUDED BELOW. PUNCTUATION CHANGES MAY OR MAY NOT BE INCLUDED.





INITIAL ISSUE: A	DATE: SEPTEMBER 1996	ITEM NUMBER: 11-462
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ISSUE: B	DATE: OCTOBER 1999	ITEM NUMBER: 10-399
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ISSUE: C	DATE: JANUARY 2000	ITEM NUMBER: 11-400
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ISSUE: D	DATE: MARCH 2010	ITEM NUMBER: 11-833
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CHANGE RECORD HISTORY:		
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LOCATION:	CHANGED FROM:	CHANGED TO:
SHEET 1	 aaa C A-B 2X  aaa C D 2X REMOVE E/2	 aaa H A-B 2X  aaa H D 2X ADD D/2
SHEET 4, NOTE 3	END FLASH ...0.15 mm... INTERLEAD FLASH ...0.15 mm...	END FLASH ...0.25 mm... INTERLEAD FLASH ...0.25 mm...

ISSUE: E	DATE: JULY 2013	ITEM NUMBER: 11-879
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LOCATION:	CHANGED FROM:	CHANGED TO:
ALL SHEETS		NEWEST JEDEC MO TEMPLATE
SHEET 3 & 4	ALL ONE TABLE	TABLE 1, 2, & 3
SHEET 3, TABLE 1 & 2	Ø1 MAX VALUE 12° bbb = 0.25 Ø1 MIN VALUE 4°	Ø1 MAX VALUE 15° bbb = 0.20 Ø1 MIN VALUE 5°

CHANGE RECORD

IF THE CHANGE INVOLVES ANY WORDS ADDED OR DELETED (EXCLUDING DELETION OF ACCIDENTALLY REPEATED WORDS), THE CHANGE IS TO BE INCLUDED BELOW. PUNCTUATION CHANGES MAY OR MAY NOT BE INCLUDED.

ISSUE:F	DATE:SEPTEMBER 2020	ITEM NUMBER:11-983
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LOCATION:	CHANGED FROM:	CHANGED TO:
SHEET 1, TITLE	PLASTIC SMALL OUTLINE PACKAGE (SOT / SOP)	PLASTIC DUAL SMALL OUTLINE GULL WING PACKGE, 1.10MM THICK
SHEET 1, PKG DESIGNATOR	R-PDSO-G	PDSO-G#_IOP##-##...
SHEET 3	ø1 WAS 5° MIN	ø1 CHANGED TO 0° MIN
SHEET 4, VARIATIONS	AA	PDSO-G5_IOP95-R2p9x1p6Z1p1-N2p8T0p22
	AB	PDSO-G6_IOP95-R2p9x1p6Z1p1-N2p8T0p22
	BA	PDSO-G8_IOP65-R2p9x1p6Z1p1-N2p8T0p22

ISSUE:G	DATE:FEB 2021	ITEM NUMBER:11-990
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LOCATION:	CHANGED FROM:	CHANGED TO:
SHEET 4, TABLE 3 VARIATION: PDSO-G8_IOP65-R2p9x1p6Z1p1-N2p8T0p22	b: MIN 0.22; MAX 0.38 b1: MIN 0.22; MAX 0.33	b: MIN 0.2; MAX 0.4 b1: MIN 0.2; MAX 0.35