

SCALE 4:1

SOT-963 CASE 527AD-01 **ISSUE E**

DATE 09 FEB 2010



- NOTES:
 1. DIMENSIONING AND TOLERANCING PER ASME Y14.5M, 1994.
 2. CONTROLLING DIMENSION: MILLIMETERS
 3. MAXIMUM LEAD THICKNESS INCLUDES LEAD FINISH THICKNESS. MINIMUM LEAD THICKNESS IS THE MINIMUM THICKNESS OF PAGE MATERIAL
- BASE MATERIAL.
 4. DIMENSIONS D AND E DO NOT INCLUDE MOLD FLASH, PROTRUSIONS, OR GATE BURRS.

	MILLIMETERS		
DIM	MIN NOM MA		MAX
Α	0.34	0.37	0.40
b	0.10	0.15	0.20
С	0.07	0.12	0.17
D	0.95	1.00	1.05
E	0.75	0.80	0.85
е	0.35 BSC		
HE	0.95	1.00	1.05
L	0.19 REF		
L2	0.05	0.10	0.15

GENERIC MARKING DIAGRAM*

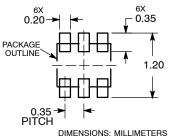


= Specific Device Code

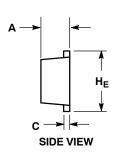
= Month Code M

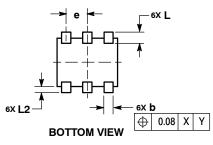
*This information is generic. Please refer to device data sheet for actual part marking. Pb-Free indicator, "G" or microdot " ■", may or may not be present.

RECOMMENDED MOUNTING FOOTPRINT



TOP VIEW





STYLE 1: PIN 1. EMITTER 1 2. BASE 1 3. COLLECTOR 2 4. EMITTER 2 5. BASE 2
6. COLLECTOR 1 STYLE 4: PIN 1. COLLECTOR 2. COLLECTOR 3. BASE 4. EMITTER 5. COLLECTOR 6. COLLECTOR
STYLE 7: PIN 1. CATHODE 2. ANODE 3. CATHODE

6. COLLECTOR	
STYLE 7: PIN 1. CATHODE 2. ANODE 3. CATHODE 4. CATHODE 5. ANODE 6. CATHODE	
STYLE 10: PIN 1. CATHODE 1 2. N/C 3. CATHODE 2 4. ANODE 2 5. N/C 6. ANODE 1	

STYLE 2: PIN 1. EMITTER 1 2. EMITTER2 3. BASE 2 4. COLLECTOR 2 5. BASE 1 6. COLLECTOR 1	STYLE 3: PIN 1. CATHODE 1 2. CATHODE 1 3. ANODE/ANODE 2 4. CATHODE 2 5. CATHODE 2 6. ANODE/ANODE 1
STYLE 5: PIN 1. CATHODE 2. CATHODE 3. ANODE 4. ANODE 5. CATHODE 6. CATHODE	STYLE 6: PIN 1. CATHODE 2. ANODE 3. CATHODE 4. CATHODE 5. CATHODE 6. CATHODE
STYLE 8: PIN 1. DRAIN 2. DRAIN 3. GATE 4. SOURCE 5. DRAIN 6. DRAIN	STYLE 9: PIN 1. SOURCE 1 2. GATE 1 3. DRAIN 2 4. SOURCE 2 5. GATE 2 6. DRAIN 1

PACKAGE OUTLINE	1.20
0.35 → ← PITCH DIMENSIONS: MILLI	V IMETERS

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DESCRIPTION:	SOT-963, 1X1, 0.35P		PAGE 1 OF 1



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ISSUE	REVISION	DATE
0	RELEASED FOR PRODUCTION. REQ. BY D. TRUHITTE.	08 FEB 2008
Α	UPDATED DIMENSION C VALUES. REQ. BY D. TRUHITTE.	26 MAR 2008
В	CHANGED DATUM BOXES OF X AND Y TO JEDEC STANDARDS OF A, B & C. REMOVED PB-FREE DOT FROM MARKING. REQ. BY D. TRUHITTE.	11 APR 2008
С	CORRECTED DEVICE MARKING INFORMATION TO REFLECT ONLY ONE CHARACTER FOR DEVICE CODE. REQ. BY D. TRUHITTE.	06 MAY 2008
D	CORRECTED ENGLISH DIMENSIONS FOR PAD SIZES ON SOLDERING FOOT-PRINT FROM 0.08 TO 0.008. REQ. BY D. TRUHITTE.	30 JUL 2008
Е	REDREW DRAWING TO SHOW BOTTOM VIEW AND REFLECT LENGTH OF LEADS. CORRECTED SOLDER FOOTPRINT. REQ. BY D. TRUHITTE.	09 FEB 2010

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