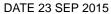




SOT-563, 6 LEAD CASE 463A

ISSUE G



D -X-5 4 6 F HE -Y 01 2 3 -🗕 b 6 PL С е -⊕ 0.08 (0.003) M X Y

STYLE 1:	STYLE 2:
PIN 1. EMITTER 1	PIN 1. EMITTER 1
2. BASE 1	2. EMITTER2
3. COLLECTOR 2	3. BASE 2
4. EMITTER 2	4. COLLECTOR
5. BASE 2	5. BASE 1
6. COLLECTOR 1	6. COLLECTOR
STYLE 4:	STYLE 5:
PIN 1. COLLECTOR	PIN 1. CATHODE
2. COLLECTOR	2. CATHODE
3. BASE	3. ANODE
4. EMITTER	4. ANODE
5. COLLECTOR	5. CATHODE
6. COLLECTOR	6. CATHODE

STYLE 7: PIN 1. CATHODE 2. ANODE 3. CATHODE STYLE 8: PIN 1. DRAIN 2. DRAIN 3. GATE 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

1

4. SOURCE 5. DRAIN

6. DRAIN

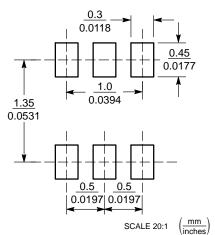
2

5. CATHODE 2 6. ANODE/ANODE 1	
STYLE 6: PIN 1. CATHODE 2. ANODE 3. CATHODE 4. CATHODE 5. CATHODE 6. CATHODE	
STYLE 9:	

STYLE 3: PIN 1. CATHODE 1 2. CATHODE 1 3. ANODE/ANODE 2

4. CATHODE 2

PIN 1. SOURCE 1 2. GATE 1 3. DRAIN 2 4. SOURCE 2 5. GATE 2 6. DRAIN 1



\*For additional information on our Pb-Free strategy and soldering details, please download the ON Semiconductor Soldering and Mounting Techniques Reference Manual, SOLDERRM/D.

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DESCRIPTION:	SOT-563, 6 LEAD		PAGE 1 OF 2	

NOTES 1. DIMENSIONING AND TOLERANCING PER ANSI

2.

Y14.5M, 1982. CONTROLLING DIMENSION: MILLIMETERS

3. MAXIMUM LEAD THICKNESS INCLUDES LEAD FINISH THICKNESS. MINIMUM LEAD THICKNESS IS THE MINIMUM THICKNESS OF BASE MATERIAL.

	MILLIMETERS INCHES			\$		
DIM	MIN	NOM	MAX	MIN	NOM	MAX
Α	0.50	0.55	0.60	0.020	0.021	0.023
b	0.17	0.22	0.27	0.007	0.009	0.011
С	0.08	0.12	0.18	0.003	0.005	0.007
D	1.50	1.60	1.70	0.059	0.062	0.066
E	1.10	1.20	1.30	0.043	0.047	0.051
е	0.5 BSC		0.02 BSC			
L	0.10	0.20	0.30	0.004	0.008	0.012
HE	1.50	1.60	1.70	0.059	0.062	0.066

## GENERIC **MARKING DIAGRAM\***



XX = Specific Device Code

- M = Month Code
- = Pb-Free Package

\*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.

**SOLDERING FOOTPRINT\*** 





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ISSUE	REVISION	DATE	
А	ADDED STYLE 5. REQ. BY D. BARLOW.	03 NOV 2003	
В	ADDED STYLE 6. REQ. BY M. ATANOVICH.	03 MAR 2004	
С	ADDED SYTLE 7. REQ. BY A. TAM.	19 MAR 2004	
D	ADDED STYLE 8 AND 9. REQ. K. VAN TYNE.	30 APR 2004	
E	ADDED NOM VALUES AND CHANGED DIMS TO INDUSTRY STANDARD. REQ. BY D. TRUHITTE	31 JAN 2005	
F	ADDED STYLE 10. REQ. BY M. DEWITT.	28 APR 2005	
G	REMOVED –01 FROM CASE CODE VARIANT. REQ. BY N. CALZADA.	23 SEP 2015	

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