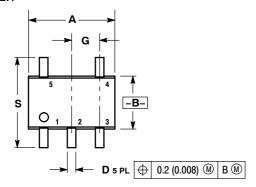


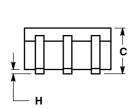


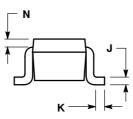
## SC-88A (SC-70-5/SOT-353) CASE 419A-02 ISSUE L

**DATE 17 JAN 2013** 

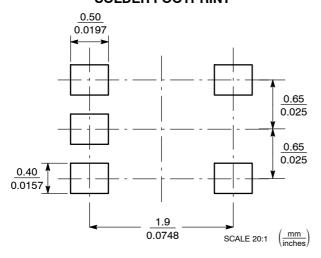
#### SCALE 2:1







# **SOLDER FOOTPRINT**



- NOTES:
  1. DIMENSIONING AND TOLERANCING PER ANSI Y14.5M, 1982.
  2. CONTROLLING DIMENSION: INCH.
- 419A-01 OBSOLETE. NEW STANDARD 419A-02.
- DIMENSIONS A AND B DO NOT INCLUDE MOLD FLASH, PROTRUSIONS, OR GATE

	INCHES		MILLIMETERS	
DIM	MIN	MAX	MIN	MAX
Α	0.071	0.087	1.80	2.20
В	0.045	0.053	1.15	1.35
С	0.031	0.043	0.80	1.10
D	0.004	0.012	0.10	0.30
G	0.026 BSC		0.65 BSC	
Н		0.004		0.10
J	0.004	0.010	0.10	0.25
K	0.004	0.012	0.10	0.30
N	0.008 REF		0.20	REF
S	0.079	0.087	2.00	2.20

# **GENERIC MARKING DIAGRAM\***



XXX = Specific Device Code

= Date Code

= Pb-Free Package

(Note: Microdot may be in either location)

\*This infomration is generic. Please refer to device data sheet for actual part marking.

STYLE 5: PIN 1. CATHODE 2. COMMON ANODE 3. CATHODE 2 4. CATHODE 3

5. CATHODE 4

STYLE 1:	STYLE 2:	STYLE 3:	STYLE 4:
PIN 1. BASE	PIN 1. ANODE	PIN 1. ANODE 1	PIN 1. SOURCE 1
2. EMITTER	2. EMITTER	2. N/C	2. DRAIN 1/2
3. BASE	3. BASE	3. ANODE 2	3. SOURCE 1
4. COLLECTOR	4. COLLECTOR	4. CATHODE 2	4. GATE 1
5. COLLECTOR	5. CATHODE	5. CATHODE 1	5. GATE 2
STYLE 6:	STYLE 7:	STYLE 8: PIN 1. CATHODE 2. COLLECTOR 3. N/C 4. BASE 5. EMITTER	STYLE 9:
PIN 1. EMITTER 2	PIN 1. BASE		PIN 1. ANODE
2. BASE 2	2. EMITTER		2. CATHODE
3. EMITTER 1	3. BASE		3. ANODE
4. COLLECTOR	4. COLLECTOR		4. ANODE
5. COLLECTOR 2/BASE 1	5. COLLECTOR		5. ANODE

DOCUMENT NUMBER:	98ASB42984B	Electronic versions are uncontrolle	
STATUS:	ON SEMICONDUCTOR STANDARD	accessed directly from the Document Repository. Print versions are uncontrolled except when stamped	
NEW STANDARD:		"CONTROLLED COPY" in red.	
DESCRIPTION:	SC-88A (SC-70-5/SOT-353)		PAGE 1 OF 2



<b>DOCUMENT</b>	NUMBER:
08ASB42084	R

PAGE 2 OF 2

ISSUE	REVISION	DATE
С	CONVERTED FROM PAPER DOCUMENT TO ELECTRONIC. REQ. BY N LAFEB-RE.	20 JUN 1998
D	CONVERTED FROM MOTOROLA TO ON SEMICONDUCTOR. ADDED STYLE 5. REQ. BY E. KIM.	24 JUL 2000
Е	ADDED STYLES 6 & 7. REQ. BY S. BACHMAN.	03 AUG 2000
F	DELETED DIMENSION V, WAS 0.3-0.44MM/0.012-0.016IN. REQ. BY G. KWONG.	14 JUN 2001
G	ADDED STYLE 8, REQ. BY S. CHANG; ADDED STYLE 9, REQ. BY S. BACHMAN; ADDED NOTE 4, REQ. BY S. RIGGS	25 JUN 2003
Н	CHANGED STYLE 6. REQ. BY C. LIM	28 APR 2005
J	CHANGED TITLE DESCRIPTION. REQ. BY B. LOFTS.	31 AUG 2005
K	CORRECTED TITLE AND DESCRIPTION TO SC-88A (SC-70-5/SOT-353). CORRECTED MARKING DIAGRAM. REQ. BY D. TRUHITTE.	13 JUL 2010
L	ADDED SOLDER FOOTPRINT. REQ. BY I. MARIANO.	17 JAN 2013
	<u> </u>	

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