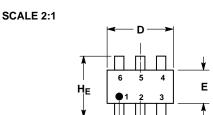
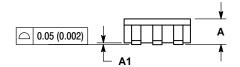
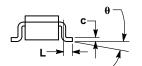


SC-74 CASE 318F-05 **ISSUE N**

DATE 08 JUN 2012



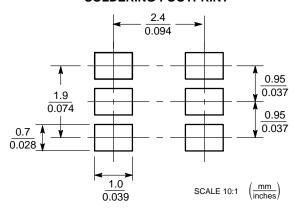




- NOTES:
 1. DIMENSIONING AND TOLERANCING PER ANSI Y14.5M, 1982.
 2. CONTROLLING DIMENSION: INCH.
 3. MAXIMUM LEAD THICKNESS INCLUDES LEAD FINISH
 THICKNESS. MINIMUM LEAD THICKNESS IS THE MINIMUM
 THICKNESS OF BASE MATERIAL.
 4. 318F-01, -02, -03, -04 OBSOLETE. NEW STANDARD 318F-05.

	MILLIMETERS			INCHES		
DIM	MIN	NOM	MAX	MIN	NOM	MAX
Α	0.90	1.00	1.10	0.035	0.039	0.043
A1	0.01	0.06	0.10	0.001	0.002	0.004
b	0.25	0.37	0.50	0.010	0.015	0.020
С	0.10	0.18	0.26	0.004	0.007	0.010
D	2.90	3.00	3.10	0.114	0.118	0.122
E	1.30	1.50	1.70	0.051	0.059	0.067
е	0.85	0.95	1.05	0.034	0.037	0.041
L	0.20	0.40	0.60	0.008	0.016	0.024
HE	2.50	2.75	3.00	0.099	0.108	0.118
θ	0°	_	10°	0°	_	10°

SOLDERING FOOTPRINT*



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

GENERIC MARKING DIAGRAM*



= Specific Device Code XXX

= Date Code Μ

= Pb-Free Package

(Note: Microdot may be in either location)

*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.

STYLE 1: PIN 1. CATHODE 2. ANODE 3. CATHODE 4. CATHODE 5. ANODE 6. CATHODE	STYLE 2: PIN 1. NO CONNECTION 2. COLLECTOR 3. EMITTER 4. NO CONNECTION 5. COLLECTOR 6. BASE	STYLE 3: 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 2. EMITTER 1/EMITTER 2 3. COLLECTOR 1 4. EMITTER 3 5. BASE 1/BASE 2/COLLECTOR 3 6. BASE 3	STYLE 5: PIN 1. CHANNEL 1 2. ANODE 3. CHANNEL 2 4. CHANNEL 3 5. CATHODE 6. CHANNEL 4	STYLE 6: PIN 1. CATHODE 2. ANODE 3. CATHODE 4. CATHODE 5. CATHODE 6. CATHODE
STYLE 7: PIN 1. SOURCE 1 2. GATE 1 3. DRAIN 2 4. SOURCE 2 5. GATE 2 6. DRAIN 1	STYLE 8: PIN 1. EMITTER 1 2. BASE 2 3. COLLECTOR 2 4. EMITTER 2 5. BASE 1 6. COLLECTOR 1	STYLE 9: PIN 1. EMITTER 2 2. BASE 2 3. COLLECTOR 1 4. EMITTER 1 5. BASE 1 6. COLLECTOR 2	STYLE 10: PIN 1. ANODE/CATHODE 2. BASE 3. EMITTER 4. COLLECTOR 5. ANODE 6. CATHODE	STYLE 11: PIN 1. EMITTER 2. BASE 3. ANODE/CATHOD 4. ANODE 5. CATHODE 6. COLLECTOR	DE

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STATUS:	ON SEMICONDUCTOR STANDARD	accessed directly from the Document Repository. Printe versions are uncontrolled except when stamped "CONTROLLED COPY" in red.		
NEW STANDARD:				
DESCRIPTION:	SC-74	PAGE 1 OF 2		



DOCUMENT	NUMBER:
98ASB42973	В

PAGE 2 OF 2

ISSUE	REVISION	DATE
D	CHANGE OF OWNERSHIP FROM MOTOROLA TO ON SEMICONDUCTOR. DIM A WAS: 2.70–3.10 MM/0.1063–0.1220 IN. DIM C WAS: 1.000–1.30 MM/0.0394–0.0511IN DIM D WAS: 0.25–0.40 MM/0.0098–0.0157 IN. REQ. BY D. TRUHITTE	14 MAR 01
E	CHANGED "USED ON" WAS: SC-59, 6 LEAD. REQ.BY D. TRUHITTE.	27 MAR 01
F	ADDED STYLE 3. REQ. BY S. BACHMAN.	23 APR 01
G	ADDED STYLE 4. REQ. BY S. BACHMAN.	28 AUG 02
Н	ADDED STYLE 5. REQ. BY B. BLACKMON.	21 OCT 02
J	ADDED STYLE 6. REQ. BY B. BLACKMON.	09 JAN 03
K	ADDED STYLES 7 & 8. REQ. BY S. CHANG	03 JUN 03
L	ADDED NOMINAL VALUES AND UPDATED GENERIC MARKING DIAGRAM. REQ. BY HONG XIAO.	27 MAY 05
М	ADDED STYLE 9. REQ. BY W. MEADOWS.	11 APR 2006
N	ADDED STYLES 10 & 11. REQ. BY Y. KALDERON.	08 JUN 2012

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