

MECHANICAL CASE OUTLINE

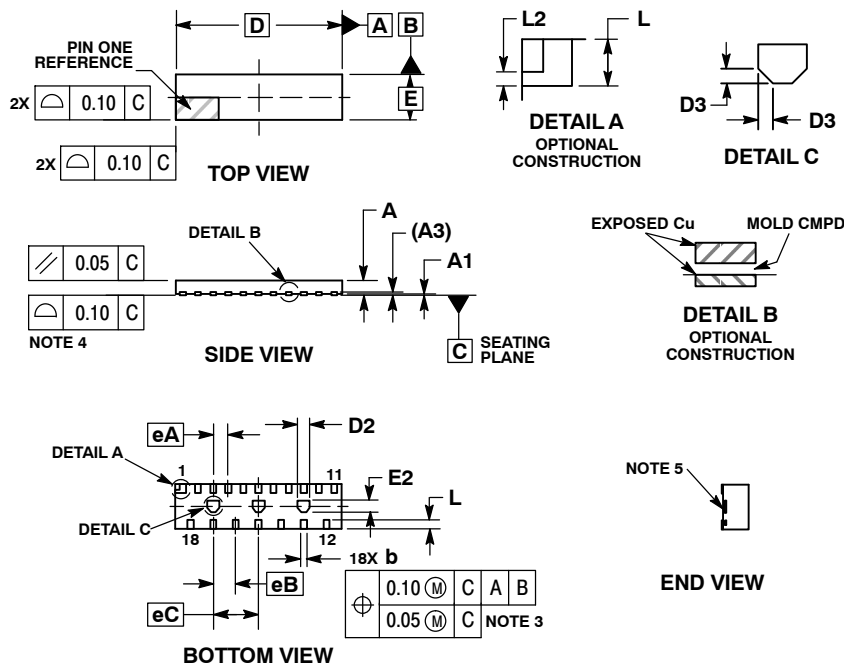
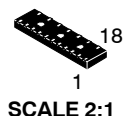
PACKAGE DIMENSIONS

ON Semiconductor®



UDFN18, 5.5x1.5, 0.5P/0.75P CASE 517CP ISSUE A

DATE 07 FEB 2013

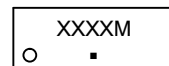


NOTES:

1. DIMENSIONING AND TOLERANCING PER ASME Y14.5M, 1994.
2. CONTROLLING DIMENSION: MILLIMETERS.
3. DIMENSION b APPLIES TO PLATED TERMINAL AND IS MEASURED BETWEEN 0.10 AND 0.20 MM FROM TERMINAL TIP.
4. COPLANARITY APPLIES TO THE EXPOSED PAD AS WELL AS THE TERMINALS.
5. EXPOSED ENDS OF TERMINALS ARE ELECTRICALLY ACTIVE.

DIM	MILLIMETERS	
	MIN	MAX
A	0.45	0.55
A1	0.00	0.05
A3	0.13	REF
b	0.15	0.25
D	5.50	BSC
D2	0.35	0.45
D3	0.10	REF
E	1.50	BSC
E2	0.35	0.45
eA	0.50	BSC
eB	0.75	BSC
eC	1.50	BSC
L	0.20	0.40
L2	0.10	REF

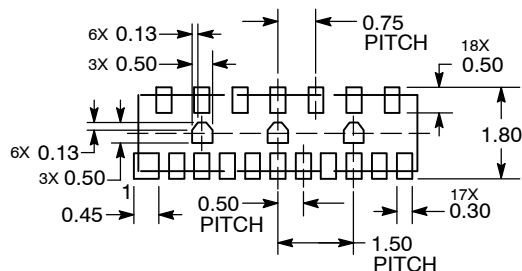
GENERIC MARKING DIAGRAM*



- XXXX = Specific Device Code
M = Date Code
▪ = Pb-Free Package

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

RECOMMENDED SOLDERING FOOTPRINT*



NOTE: CENTER PADS OPTIONAL DIMENSION: MILLIMETERS

*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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NEW STANDARD:		
DESCRIPTION:	UDFN18, 5.5X1.5, 0.5P/0.75P	PAGE 1 OF 2

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