## **MECHANICAL CASE OUTLINE** PACKAGE DIMENSIONS

0.65

PITCH

0-0-0-0-0-0-0-0

5.46

QFN32 7x7, 0.65P CASE 485J-02 ISSUE E 32 NOTES: 1. DIMENSIONING AND TOLERANCING PER ASME Y14.5M, 1994. 2. CONTROLLING DIMENSION: MILLIMETERS. D AB SCALE 2:1 CONTROLLING DIMENSION: MILLIMETERS. DIMENSION & APPLIES TO PLATED TERMINAL AND IS MEASURED BETWEEN 0.15 AND 0.25MM FROM THE TERMINAL TIP. COPLANARITY APPLIES TO THE EXPOSED 3. PIN 1 INDICATOR 4 PAD AS WELL AS THE TERMINALS. **DETAIL A** E ALTERNATE TERMINAL MILLIMETERS CONSTRUCTIONS 
 DIM
 MIN
 MAX

 A
 0.80
 1.00
A 0.80 1.00 A1 0.00 0.05 2X 🛆 0.15 C A3 0.20 REF **b** 0.25 0.35 EXPOSED Cu MOLD CMPD D 7.00 BSC 0.15 C  $\Box$ 2X D2 5.16 5.36 E 7.00 BSC **TOP VIEW** E2 5.16 5.36 DETAIL B A3 // 0.10 C е 0.65 BSC DETAIL B K 0.20 ----L 0.30 0.50 ALTERNATE ų σ j L1 0.00 0.15 □ 0.08 C 1 A1 SIDE VIEW NOTE 4 GENERIC **MARKING DIAGRAM\*** D2 32X L 10 - K > 16 XXXXXXXXX ,<u>ooo'oooo</u> 4 XXXXXXXXX 17 8 AWLYYWWG E2 þ þ A = Assembly Location 1 Ь 24 WL = Wafer Lot YY = Year 32 25 WW = Work Week 32X b е G = Pb-Free Package 0.10 C A B e/2  $\oplus$ 0.05 C NOTE 3 \*This information is generic. Please refer to **BOTTOM VIEW** device data sheet for actual part marking. Pb-Free indicator, "G" or microdot " ", may or may not be present. RECOMMENDED MOUNTING FOOTPRINT - 7.30 -32X 5.46 0.63 PACKAGE OUTLINE ᡝᠲᠲᡚᢙᠲᠲᡆ 

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DESCRIPTION:	QFN32 7X7, 0.65MM PITCH		PAGE 1 OF 2

7.30

E

32X

0.40

DIMENSIONS: MILLIMETERS

DATE 30 JAN 2013





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ISSUE	REVISION	DATE		
0	RELEASED FOR PRODUCTION. REQ. BY S. MOHAMMED .	02 FEB 2002		
A	CHANGED PROFILE TOL. AT SEATING PLANE, WAS 0.08 (0.031) REQ. BY S. MOHAMMED.	29 MAY 2002		
В	MOVE DIMENSION LINES FOR "F" DIMENSION, CHANGED DIM "E" AND "F" WAS 5.70 ( 0.224), 5.90 (0.232). ADDED DIM "P". ADDED EXPOSED PAD NOTE. CHANGED NOTE 3. REQ. BY S. MOHAMMED.	05 MAR 2003		
С	CHANGED FORMAT TO ASME. REQ. BY P. CELAYA.	20 JUL 2004		
D	CORRECTED DIMENSION B TYP VALUE TO 0.30. CORRECTED PITCH DE- SCRIPTION FROM 0.5 TO 0.65. REQ. BY E. BLANSAER.	13 DEC 2012		
E	ADDED SOLDER FOOTPRINT. REDREW TO JEDEC STANDARDS. REQ. BY E. BLANSAER.	30 JAN 2013		

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