

NOTES: $\overline{5}$ THE PIN #1 IDENTIFIER MUST BE EXISTED ON THE TOP SURFACE OF THE 19.\ APPLIED ONLY FOR TERMINALS 6. EXACT SHAPE AND SIZE OF THIS FEATURE IS OPTIONAL 4. DIMENSION 6 APPLIES TO PLATED TERMINAL AND IS MEASURED 13. N IS THE NUMBER OF TERMINALS. 1. DIE THICKNESS ALLOWABLE IS 0.305mm MAXIMUM(.012 INCHES MAXIMUM) PACKAGE BY USING INDENTATION MARK OR OTHER FEATURE OF PACKAGE BODY BETWEEN 0.15 AND 0.30mm FROM TERMINAL TIP. NDa, NDb ARE THE NUMBER OF TERMINALS IN Y-DIRECTION. DIMENSIONING & TOLERANCES CONFORM TO ASME Y14.5M. - 1994. ALL DIMENSIONS ARE IN MILLIMETERS. TO THE EXPOSED PAD AS WELL AS THE TERMINALS. NEb ΖEα NDb NDa 5 La U Φ 8.80 0.17 0.30 0.30 0.00 C PITCH 24 COMMON 0.50 BSC 0.65 BSC 11.74 BSC 12.00 BSC 11.74 BSC PACKAGE OUTLINE, DUAL ROW MLF, 164 LEAD,
12 X 12 mm BODY, ETCHED, 0.50/0.65 mm LEAD PITCH,
INTERSTITIAL TYPE, PUNCH SINGULATION 12.00 BSC 0.15 REF Technology VARIATION NOM 0.85 0.70 0.01 8.90 8.90 0.22 0.40 0.40 0.42164 19 22 22 19 MAX 0.90 0.05 0.75 0.60 9.00 9.00 0.27 0.50 0.50 www.amkor.com (m⁻ E O N 4 ∞

THE DIMMINS AND INFORMATION CONTAINED HEER MET THE EXCLUSIVE PROPERTY OF MONTH.
THE HOPMANIS AND ESSENT CONTRIBUTE HEER MET CONTRIBUTE HER STREET CONTRIBUTE HEREIN MET CONTRIBUTE HEREIN AND THE THREE PROPERTY.
THE DIPMENS WHITE PERMISSIAN OF MAKEN.

PRINTING IS AN ACTUAL SCALE
FORM NO: MBF_LF_7A.DWG

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