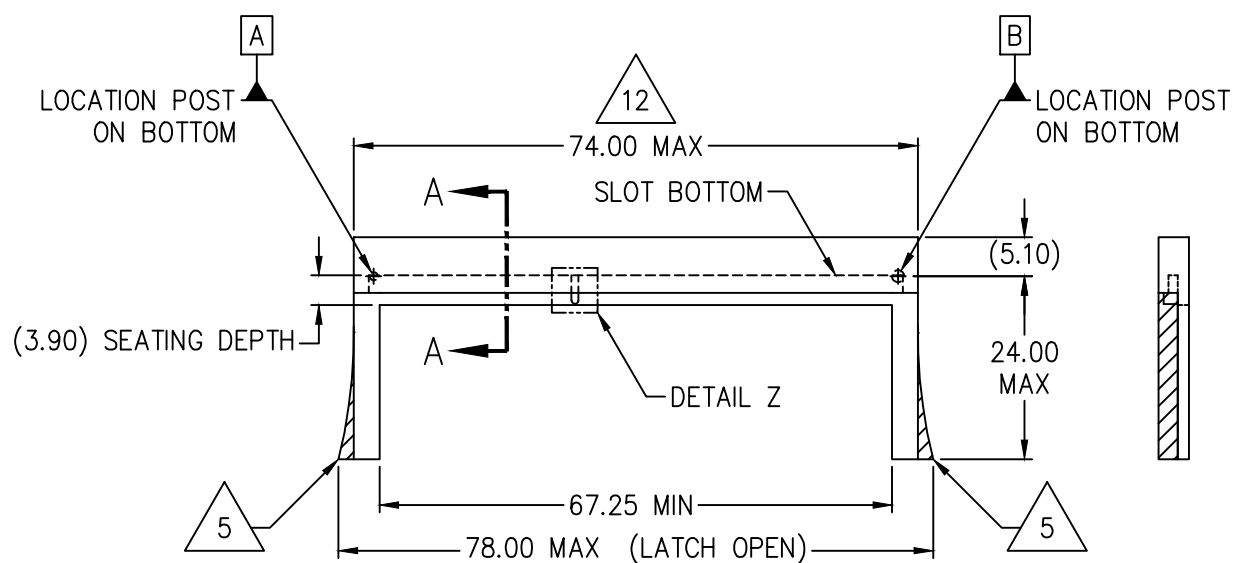
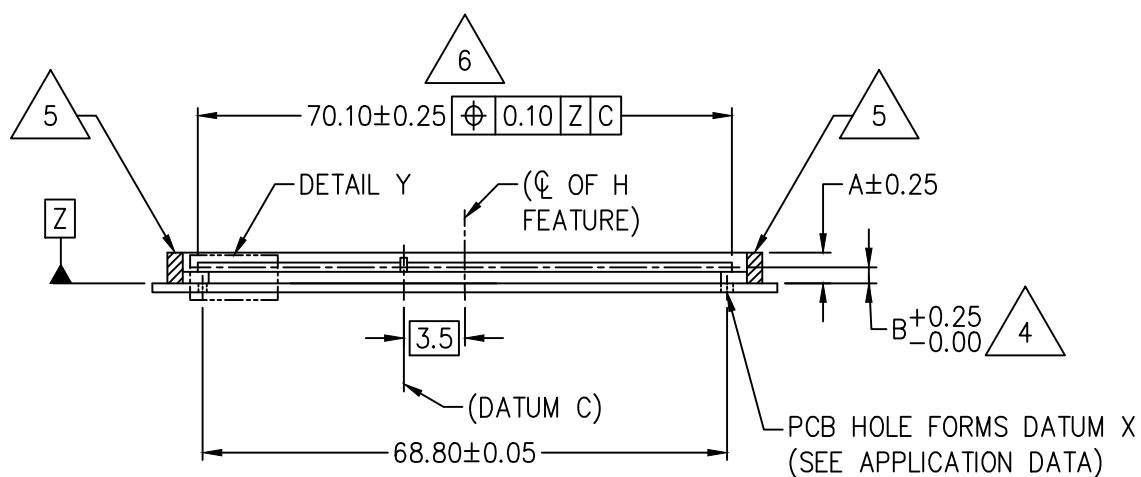




TOP VIEW



FRONT VIEW (PCB AND SOCKET)

STANDARD ORIENTATION

JEDEC SOLID STATE
PRODUCT OUTLINE
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THIS **REGISTERED OUTLINE** HAS BEEN PREPARED BY THE JEDEC JC-11 COMMITTEE
AND REFLECTS A PRODUCT WITH ANTICIPATED USAGE IN THE ELECTRONICS INDUSTRY;
CHANGES ARE LIKELY TO OCCUR.

TITLE 260 PIN DDR4 SODIMM
SOCKET OUTLINE,
0.50 MM PITCH

PACKAGE DESIGNATOR
SKT

NUMBER
SO-018

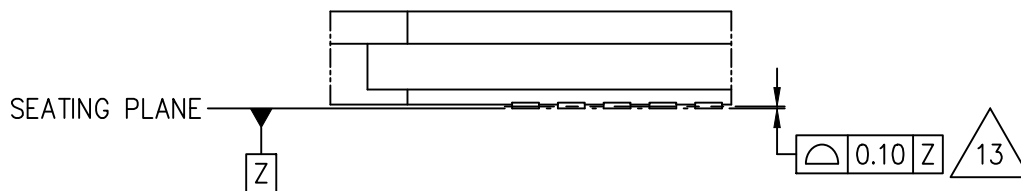
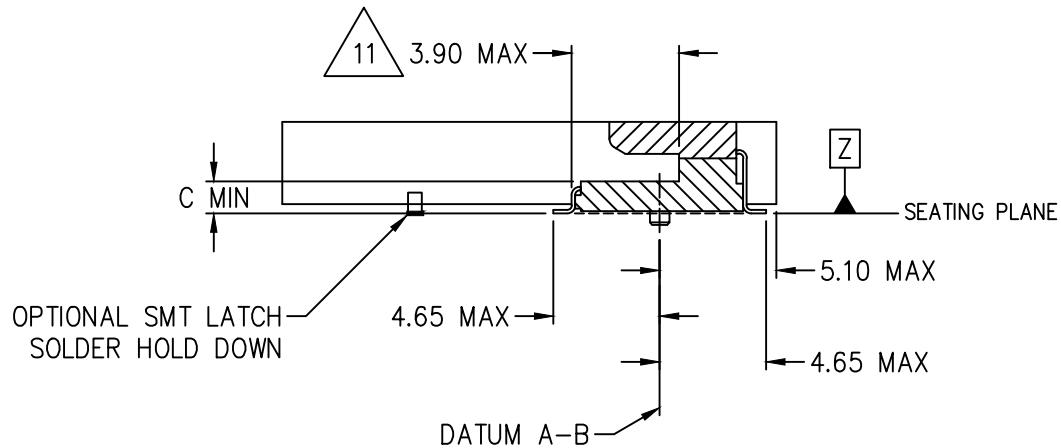
ISSUE
1

DATE
NOV 2015

SHEET
1 OF 15



REVERSE ORIENTATION



COPLANARITY INCLUDES SMT
SOLDER HOLD DOWNS, IF PRESENT

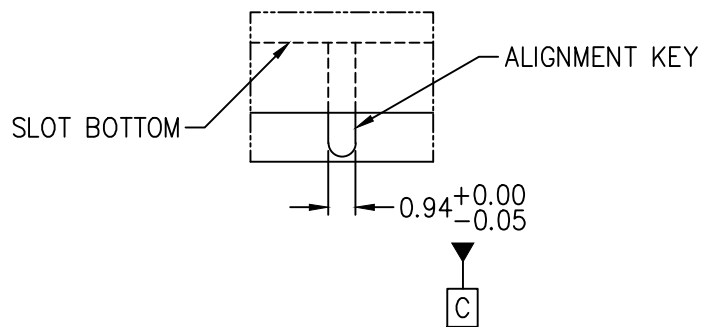


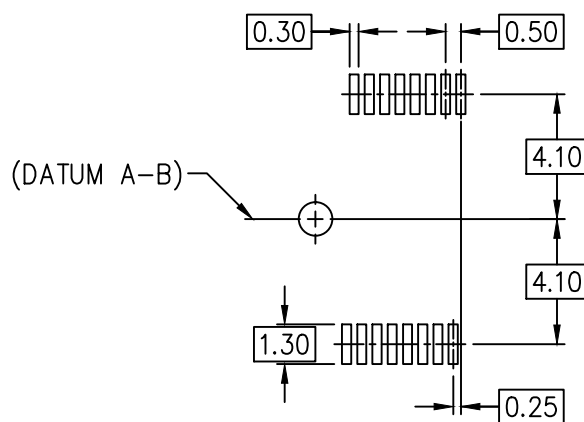
TABLE 1

DDR4 SOCKET VARIATIONS				
SYMBOL	Ay	By	Cy	Dy
A	4.00	5.20	8.00	9.20
B	2.10	3.30	6.10	7.30
C	1.45 MIN	2.55 MIN	5.35 MIN	6.55 MIN
N	260			
NOTES	—			
REF	14–145, 14–162, 14–178			
ISSUE	C			

y: A: STANDARD ORIENTATION, B: REVERSE ORIENTATION
 VARIATION AA REFERS TO A CONNECTOR THAT IS 4.00 HIGH WITH PIN 1 IN THE UPPER ROW, RIGHT MOST LOCATION (STANDARD).
 VARIATION BB REFERS TO A CONNECTOR THAT IS 5.20 HIGH WITH PIN 1 IN THE LOWER ROW, LEFT MOST LOCATION (REVERSE).

NOTES:

1. DIMENSIONING AND TOLERANCING CONFORM TO ASME Y14.5–2009.
2. TOLERANCE ON ALL DIMENSIONS IS ± 0.15 UNLESS OTHERWISE SPECIFIED.
3. ALL DIMENSIONS ARE IN MILLIMETERS.
4. DIMENSION B REPRESENTS THE DISTANCE BETWEEN THE CENTERLINE OF THE CONNECTOR CARD SLOT AND THE HOST BOARD SURFACE.
5. KEEP OUT AREA RESERVED FOR SOCKET EJECTORS – BOTH ENDS.
6. KEEPOUT AREA FOR SOCKET EJECTORS IS HEIGHT RESTRICTED – SEE DIM F.
7. SLOT LENGTH IS SPECIFIC TO THE MATING REGION OF THE SOCKET INTERFACE THAT FACILITATES ROUGH ALIGNMENT OF THE MODULE.
8. REFER TO DDR4 SODIMM REGISTERED MODULE OUTLINE MO–310 FOR MODULE DIMENSIONS.
9. FIGURE BELOW IS INCLUDED FOR REFERENCE AND DEPICTS A BOUNDARY AREA (OUTER LOCUS) OF A RECTANGULAR GEOMETRY REPRESENTING THE LEAD/CONTACT OF THE CONNECTOR. THIS LOCUS INCLUDES ALLOWANCES FOR POSITION AND SIZE TOLERANCES. THE FIGURE SHOWN BELOW DEFINES THE ZONE WITHIN WHICH THE SMT SOLDER LEADS OF THE CONNECTOR MUST ALWAYS BE LOCATED. THIS IS NOT THE MOTHERBOARD FOOTPRINT.



OUTER LOCUS OF SMT SOLDER LEAD POSITION