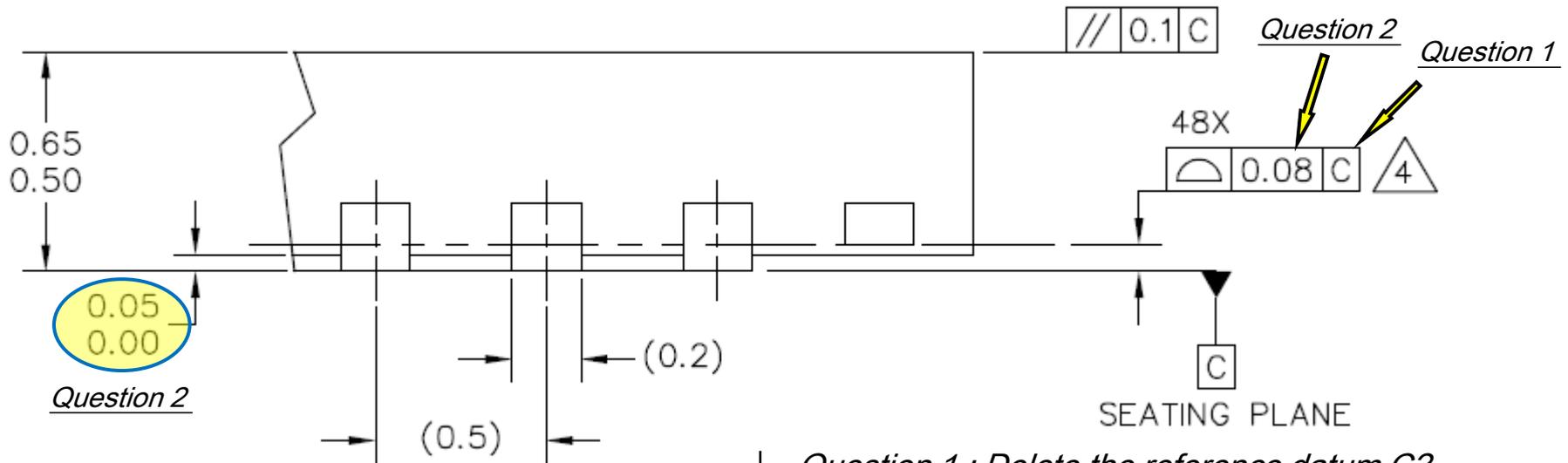


NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS.
2. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-1994.
3. THIS IS A NON-JEDEC REGISTERED PACKAGE.
4.  COPLANARITY APPLIES TO LEADS AND DIE ATTACH FLAG.
5. MIN. METAL GAP SHOULD BE 0.2 MM.



Question 2

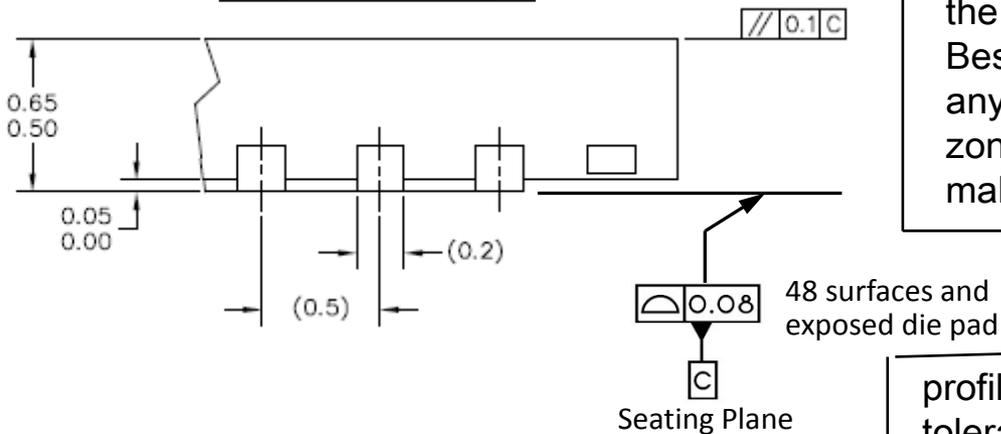
Question 2

Question 1

Question 1: Delete the reference datum C?

The 48 lead surfaces and the exposed die pad are designated as datum features C, they are referred to as coplanar datum features, so the profile callout will not contain datum feature references and I will delete the referenced datum C from the profile callout FCF. Besides, when a profile tolerance is specified without any datum feature to control coplanarity, the tolerance zone is unilateral, so I will delete the phantom lines to make the drawing clean and neat.

Proposed changes



Question 2: Smaller profile tolerance value?

Since the profile tolerance zone is unilateral, but the max lead height is only 0.05, and the profile tolerance value 0.08 is larger than the size tolerance 0.05, that means it will allow 0.03(0.08-0.05) below the surface, that is impractical so I believe the profile tolerance value should be less than the size tolerance, how do you think of it?