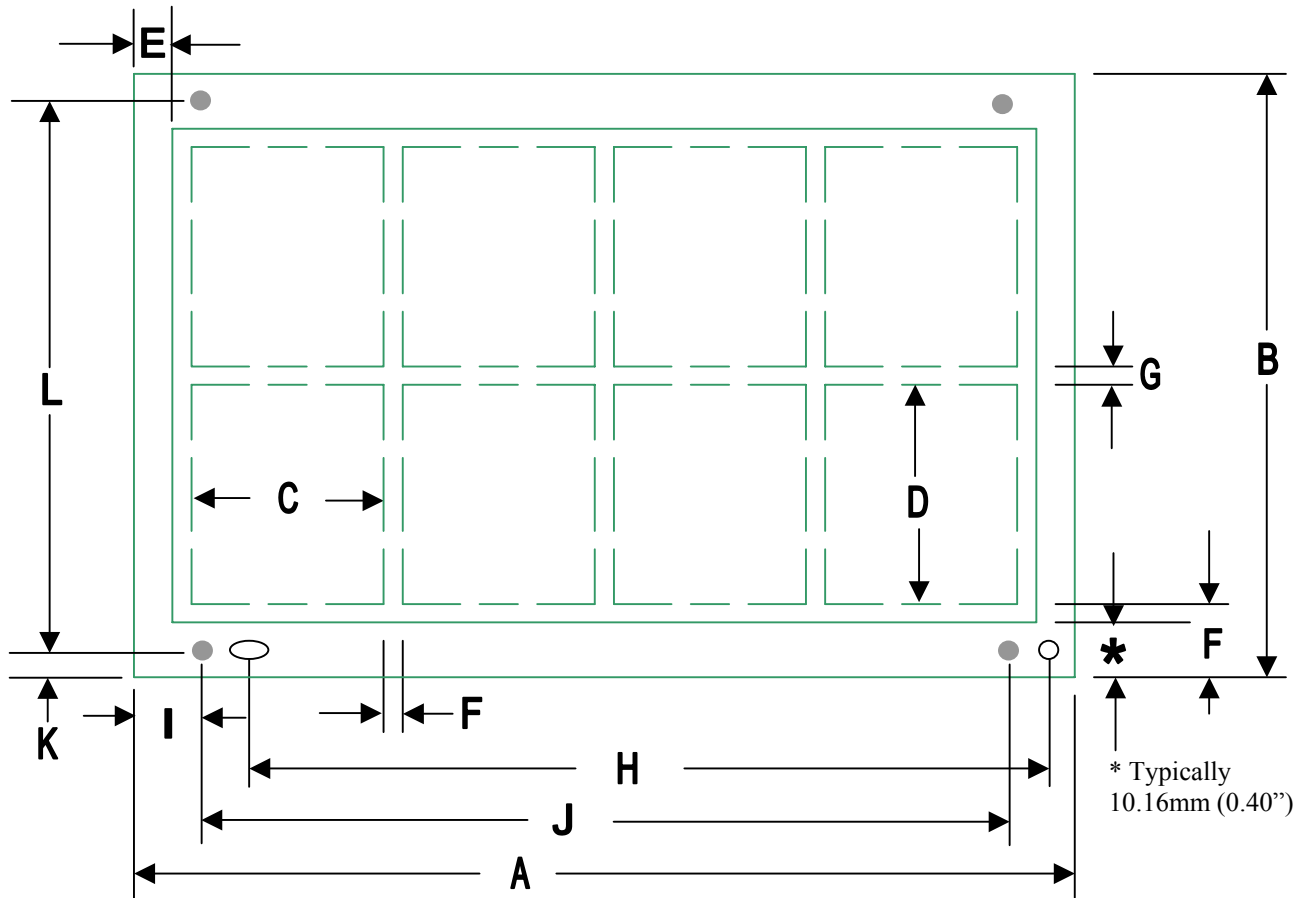


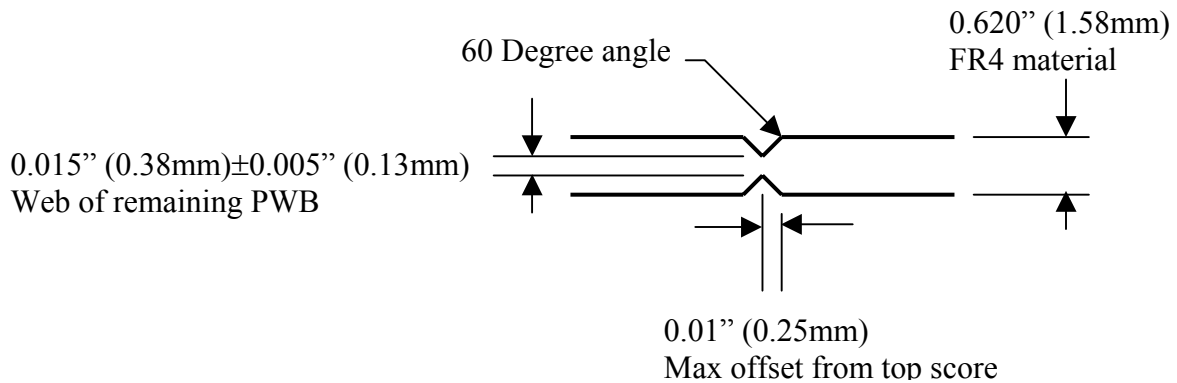
Panelization Dimension Requirements

- Need to provide total length (A) and width (B) of panelized board
- Need to provide length (C) and width (D) of inner circuit board
- Need to provide distance (E) and (F) from outer edge of panelized board to inner circuit board
- Need to provide distance (G) between inner circuit boards
- Need to provide distance (H) between first and second tooling hole
- Need to provide distance (I) between from outer of panelized board to 1st fiducial point on the X direction
- Need to provide distance (J) between from 1st fiducial point to 2nd fiducial point on the X direction
- Need to provide distance (K) between from outer of panelized board to 1st fiducial point on the Y direction
- Need to provide distance (L) between from 1st fiducial point to 2nd fiducial point on the Y direction



Note: Panel borders are required if components are within 3mm (.118") of top/bottom board edge. But if board size is small, panelization is still required.

Vscore Breakout Detail



Notes:

- (1) For de-panelization purposes, ensure components are at least 3/16" (4.76mm) away from scored edges
- (2) Common scoring: 1/3-1/3-1/3 approach, 0.021" web on scoring for 1/16" PCB
- (3) Use deeper scoring as shown above if PCB is small (dense panel)

Internal Breakout Detail

Typically 3 un-plated 0.046" (1.17mm) holes evenly spaced with left and right holes breaking through routing

