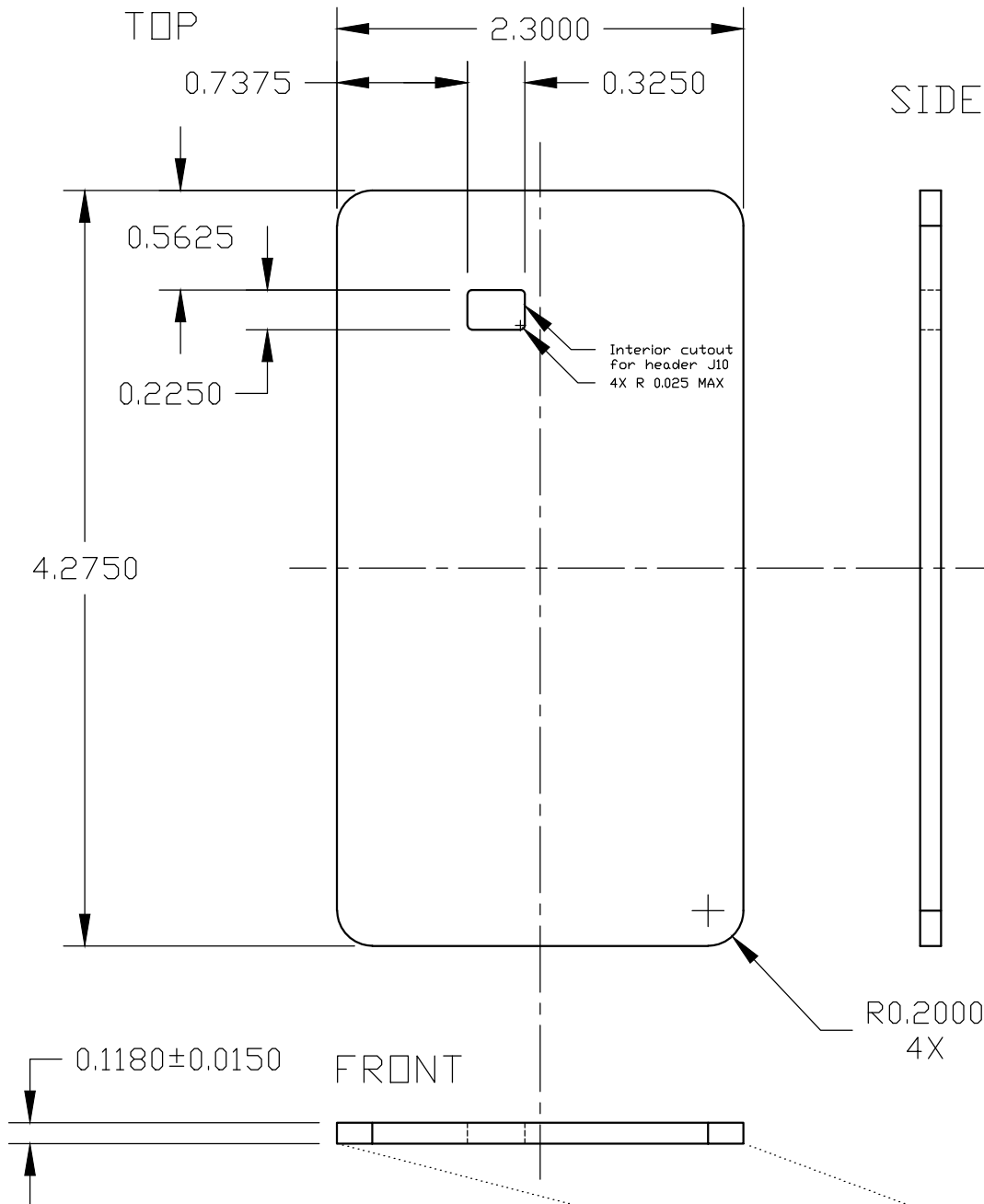


3-View Component Mechanical Drawing



Scale: 1:1

Manufacturing Instructions

The overlay for the BOOSTXL-CAPKEYPAD consists of a 3mm (0.118 in) thick, clear PMMA (acrylic) thermoplastic, with:

- White on black silkscreen artwork on the bottom side (artwork defined in MCH012A_Artwork.ai), such that the white artwork is visible from the top side
- 3M 467MP 2-sided adhesive on the bottom side, applied over the entire overlay material EXCEPT for the interior cutout area.

See stackup drawing to the right.

Assembly Stackup Drawing

PMMA, CLEAR	→	
GRAPHIC SILK, WHITE	→	
BACKING SILK, BLACK	→	
ADHESIVE, CLEAR	→	
PCB FR-4, BLACK	→	

Scale: 1:2

Base Material: Laser cut PMMA (acrylic), optically clear, 3mm (0.118 in typ.) thick sheet stock, REACH compliant
Example sheet stock: Plaskolite 1AG1549A Clear 0.118" 24 in x 48 in sheet, available from Ridout Plastics

Adhesive Backing: 3M 467MP 2-sided adhesive, cut to same pattern as base material

Overlay Mechanical Drawing

Part: MCH012A

Texas Instruments, Inc.

Revision: A (21-DEC-2017)

Drawn By: W. Schnoor



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