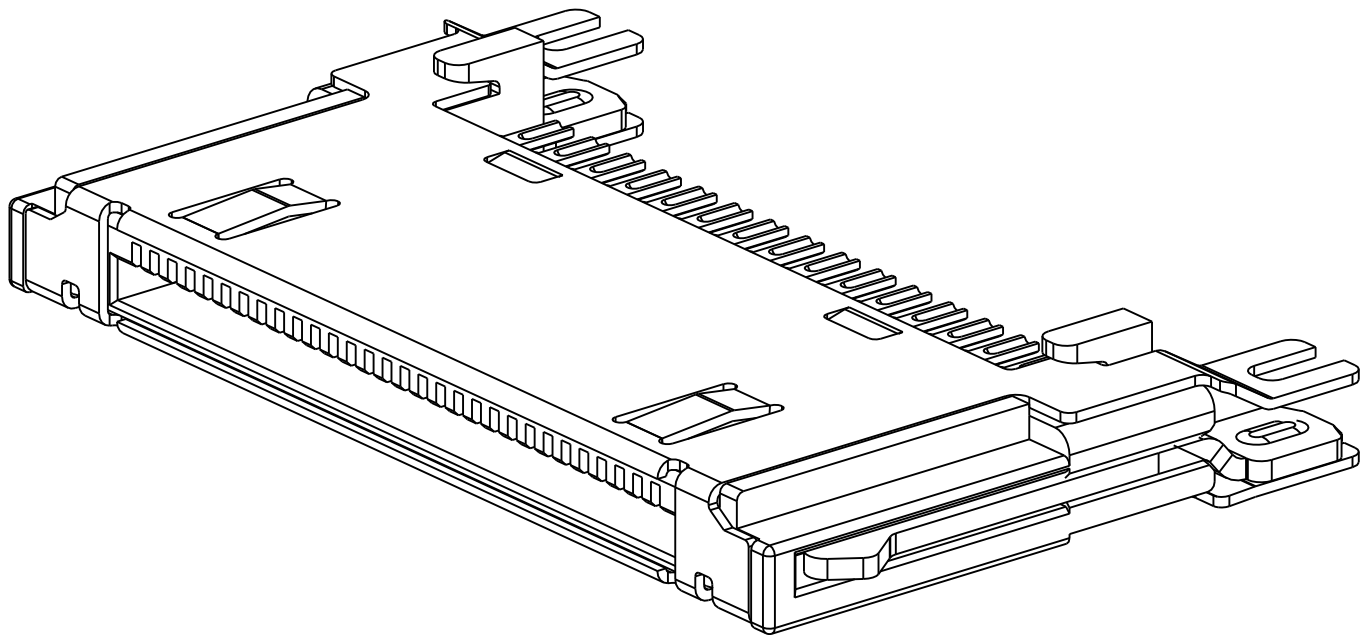
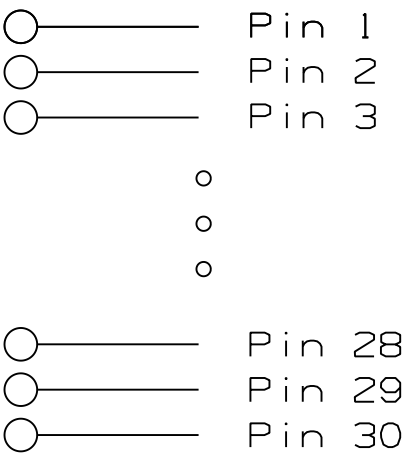


NOTES: (UNLESS OTHERWISE SPECIFIED)

- 1.0
- DIMENSIONS: All dimensions are related to a coordinate system defined by Datums A, B, & C per ASME Y14.5M-1994.
- 2.0
- PHYSICAL:
- 2.1
- CONTACT MATERIAL: Copper alloy. Gold over Nickel plating.
- 2.2
- SHELL MATERIAL: Stainless Steel, Nickel plating.
- 2.3
- SHELL SOLDER LEG FINISH: Tin plating.
- 2.4
- LATCH MATERIAL: Stainless Steel, Nickel plating.
- 2.5
- HOUSING MATERIAL: Nylon, UL rated V-0 per UL94.
- 2.6
- HOUSING COLOR: Moon Grey B.
- 3.0
- ELECTRICAL LIMITS:
- 3.1
- CURRENT RATING: 1.0 amp max. per pin, 10 amps maximum total for all connector pins.
- 3.2
- VOLTAGE RATING: Maximum 30 volts.
- 4.0
- CONVECTION OR IR REFLOW SOLDERING HEAT: Component can withstand two reflow cycles of 250°C maximum for 15-20 seconds, with a cool-down in between.
- 5.0
- REGULATORY: This component complies with the European RoHS directive, 2002/95/EC.



Schematic



REF: 512S0017

MFI

METRIC		Apple Inc.	
DRAFTER	DATE	NOTICE OF PROPRIETARY PROPERTY: THE INFORMATION CONTAINED HEREIN IS THE PROPRIETARY PROPERTY OF APPLE COMPUTER, INC. THE POSSESSOR AGREES TO THE FOLLOWING: (i) TO MAINTAIN THIS DOCUMENT IN CONFIDENCE (ii) NOT TO REPRODUCE OR COPY IT (iii) NOT TO REVEAL OR PUBLISH IT IN WHOLE OR PART (iv) ALL RIGHTS RESERVED	
APPLE	10/09/06		
DESIGNER	DATE	TITLE CONN, 30 PIN, IO, MID-PLANE EDGE MOUNTED PLUG MFI	
APPLE	10/09/06		
DIMENSIONS ARE IN MILLIMETERS TOLERANCES X.X ±0.3 X.XX ±0.20 X.XXX ±0.100 ANGLES ±0.50° DO NOT SCALE DRAWINGS		DRAWING NUMBER 512S0017	
THIRD ANGLE PROJECTION		SIZE C	SCALE 7.5:1
		SHT 1 OF 3	

D

C

B

A

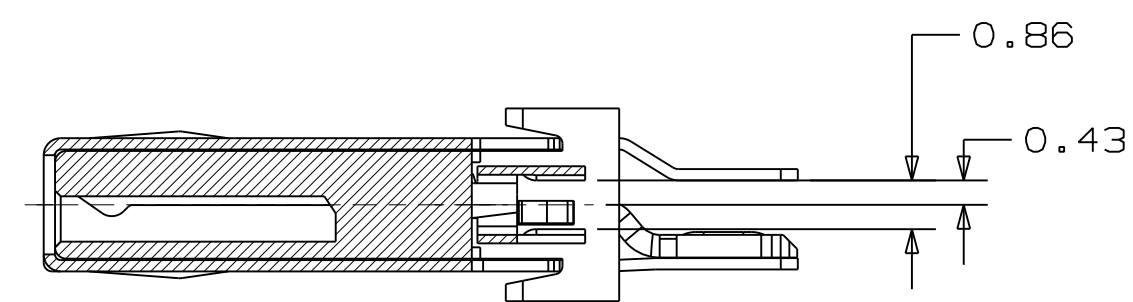
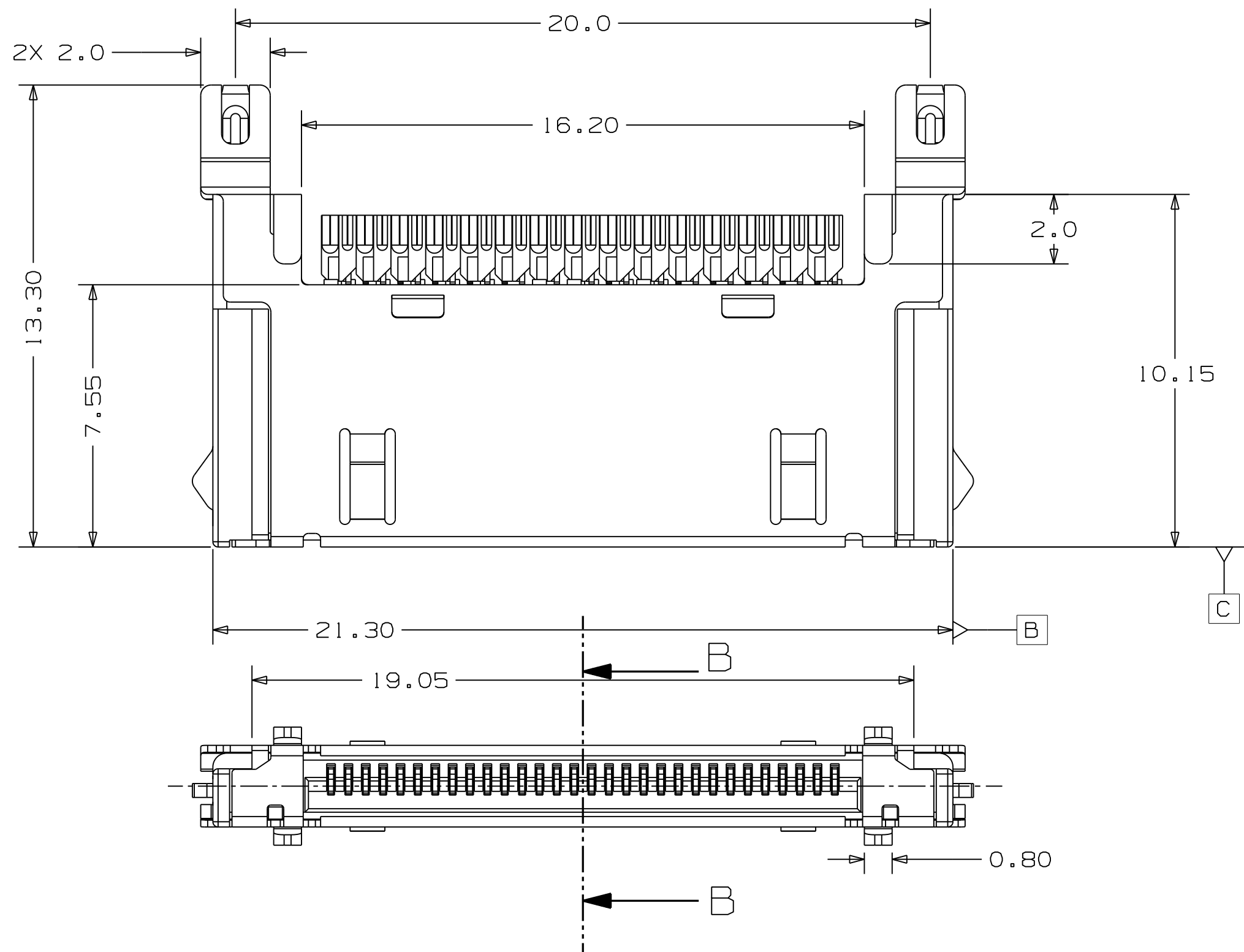
D

C

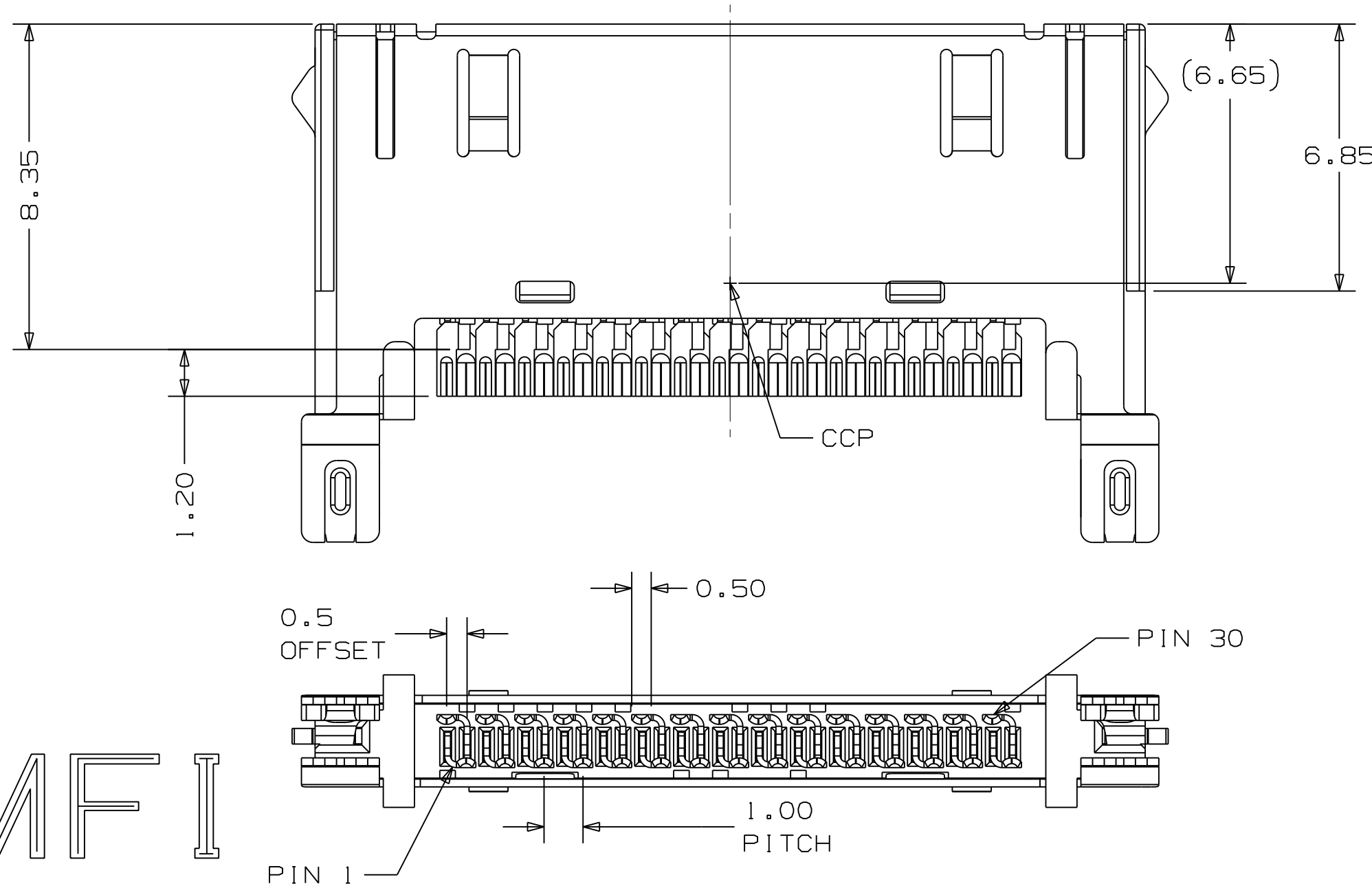
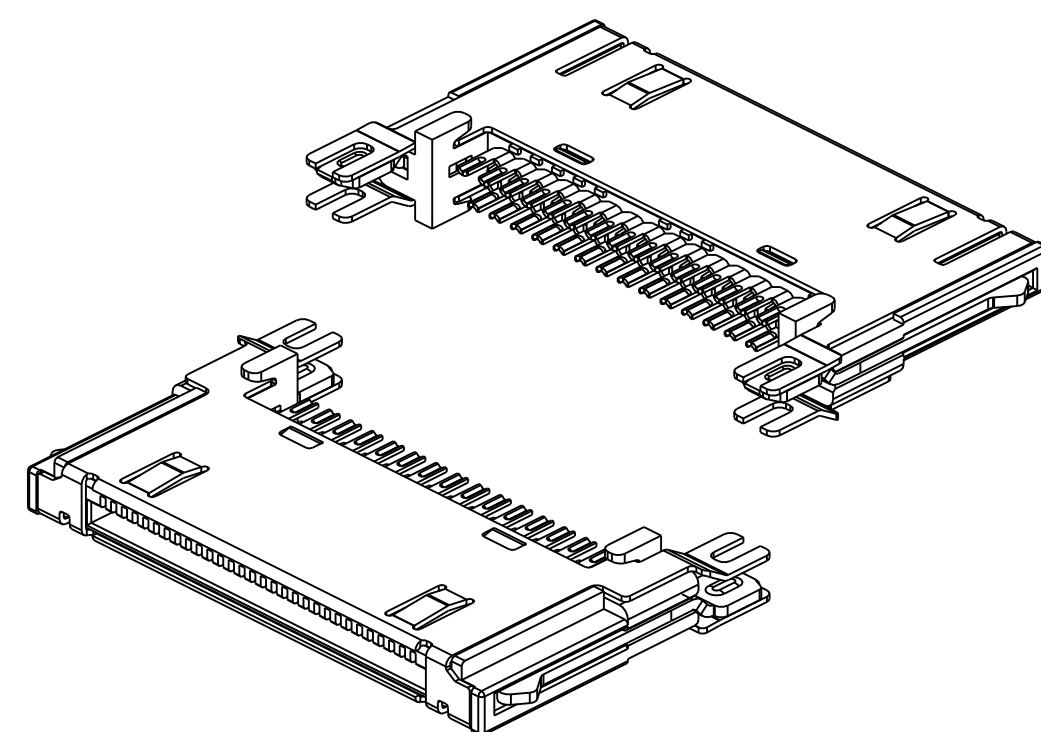
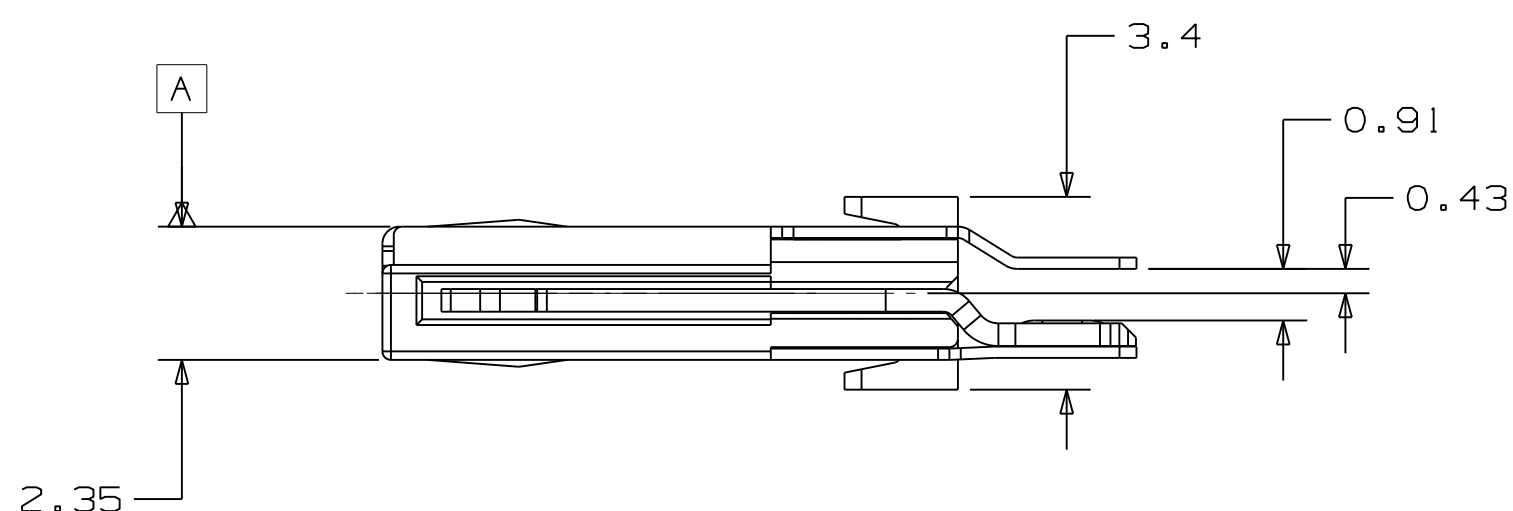
B

A

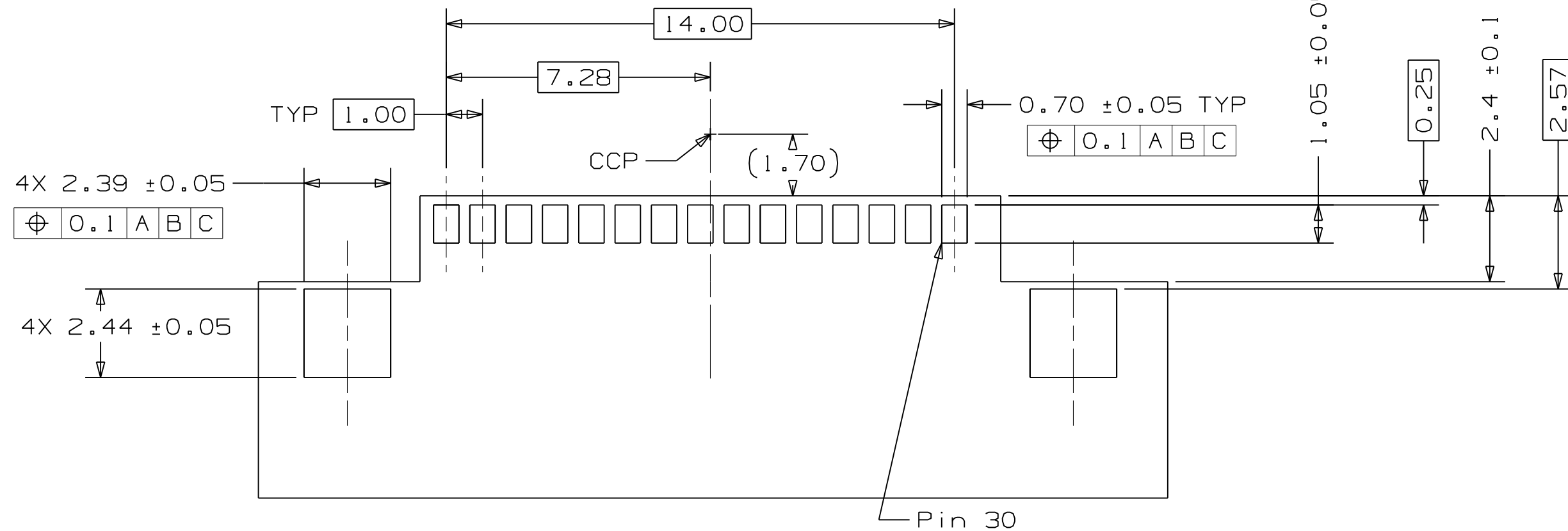
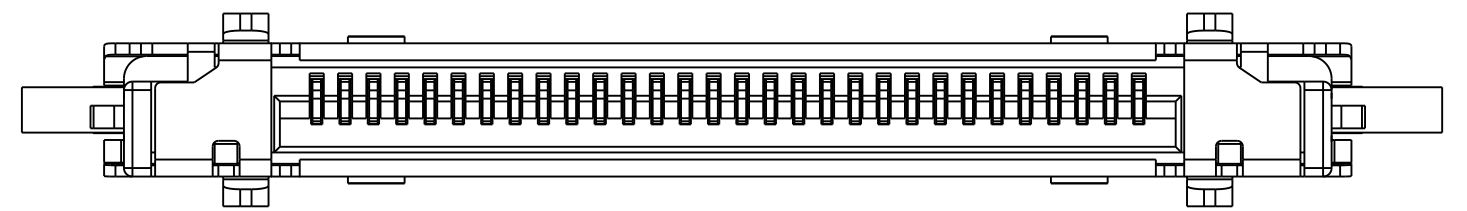
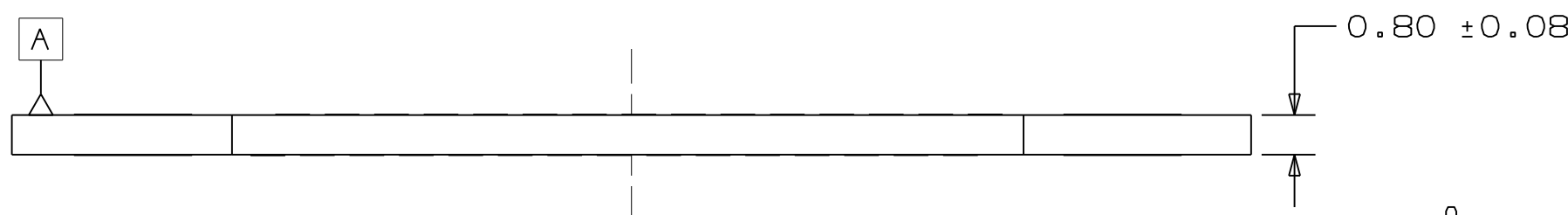
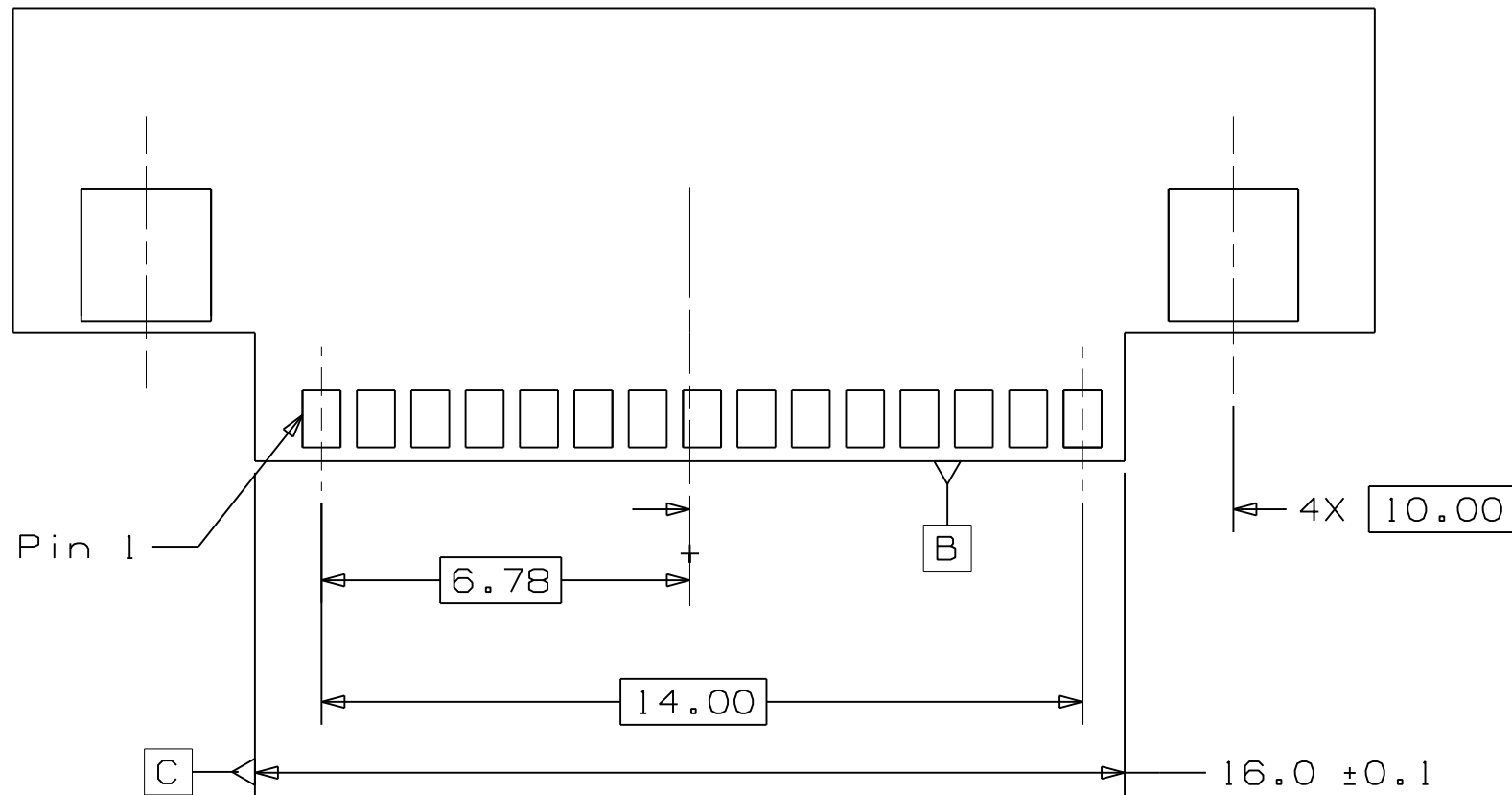
MFI



SECTION B-B



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SIZE	DRAWING NUMBER	REV.			
C	512S0017	B			
SCALE:	7.5:1	SHT	2	OF	3



Bottom

Recommended PCB Layout

MFI

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SIZE	DRAWING NUMBER	REV.			
C	512S0017	B			
SCALE:	7.5:1	SHT	3	OF	3