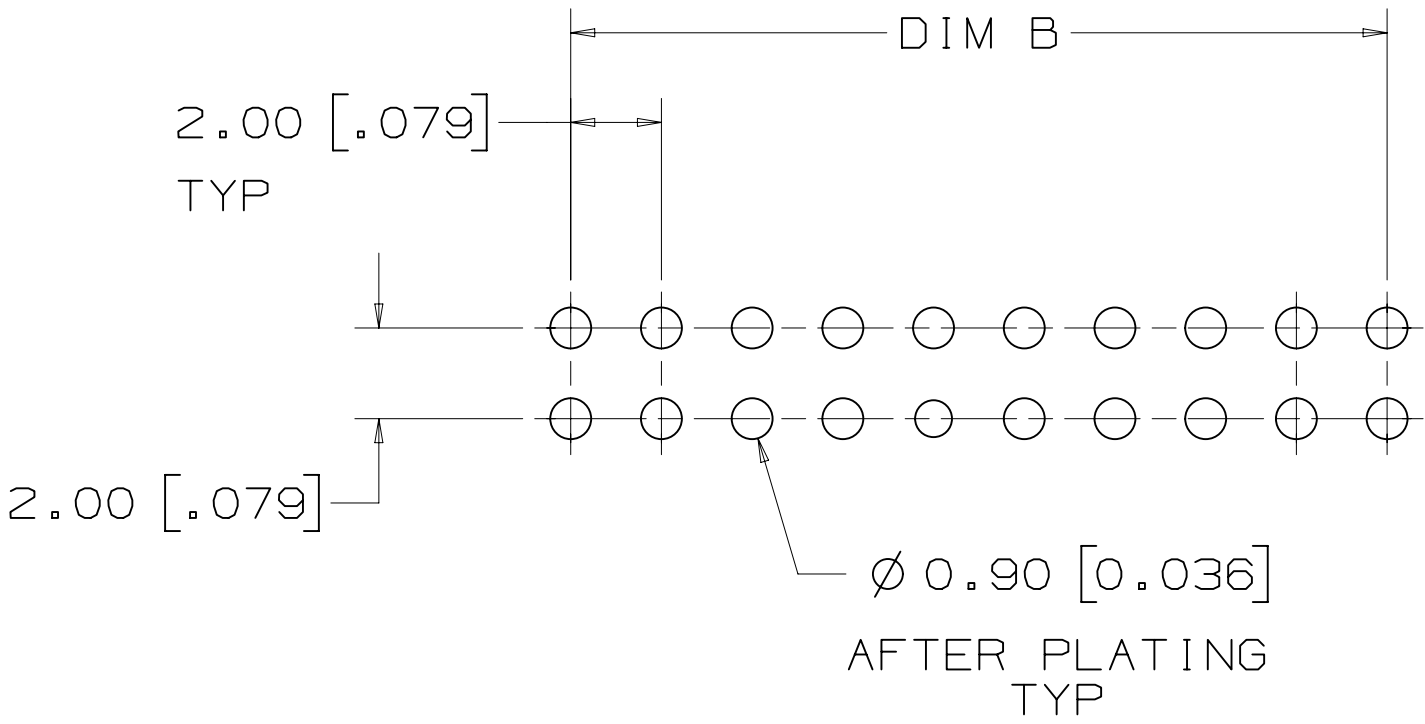
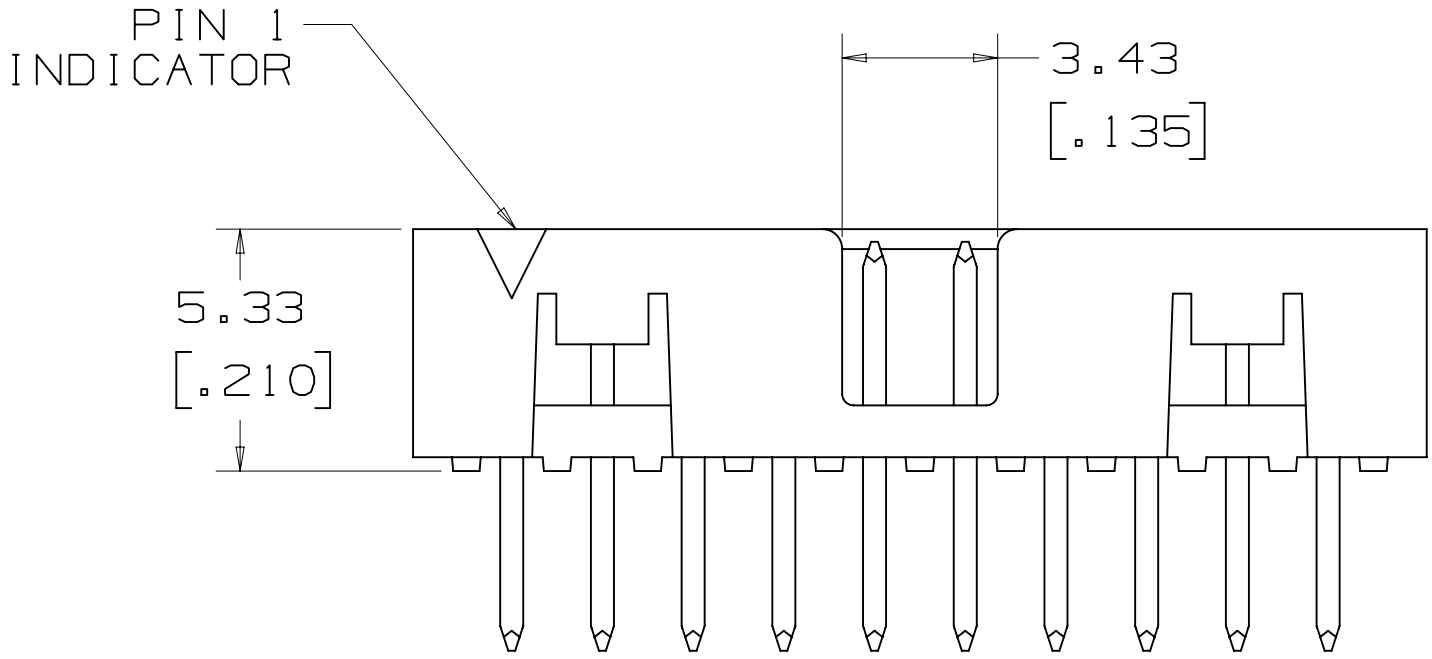
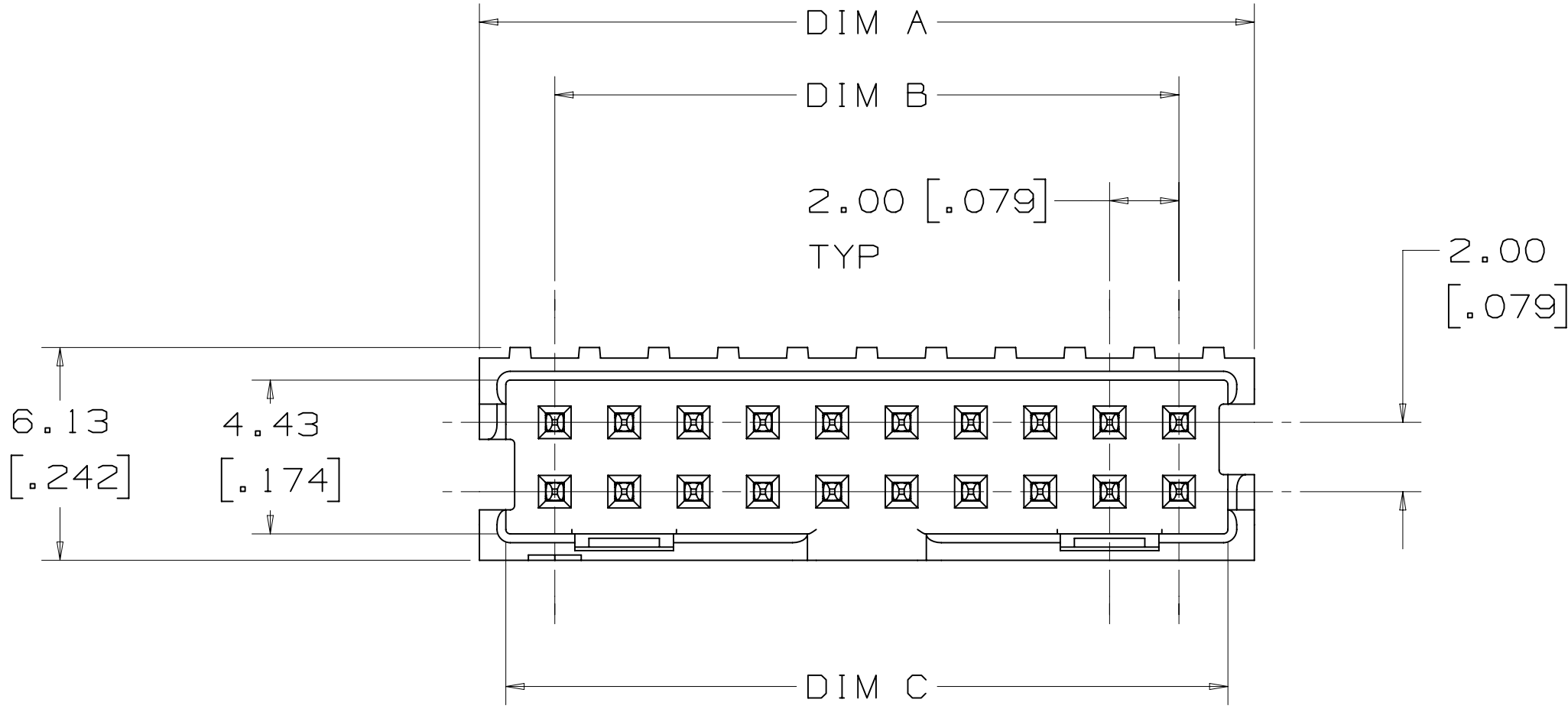
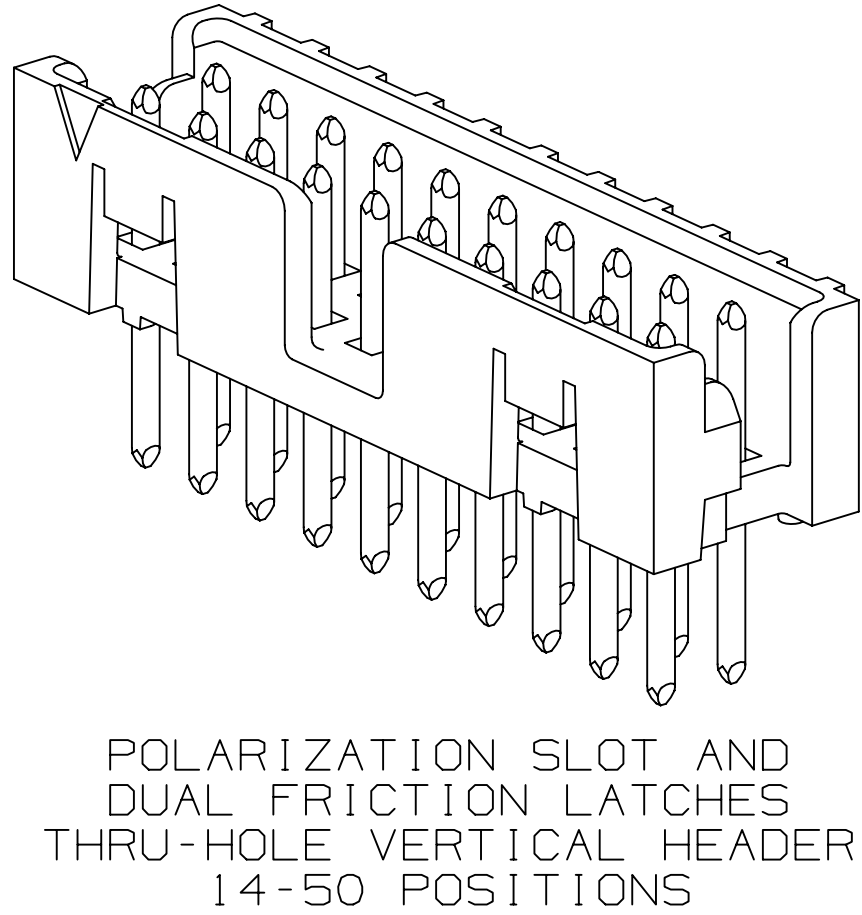
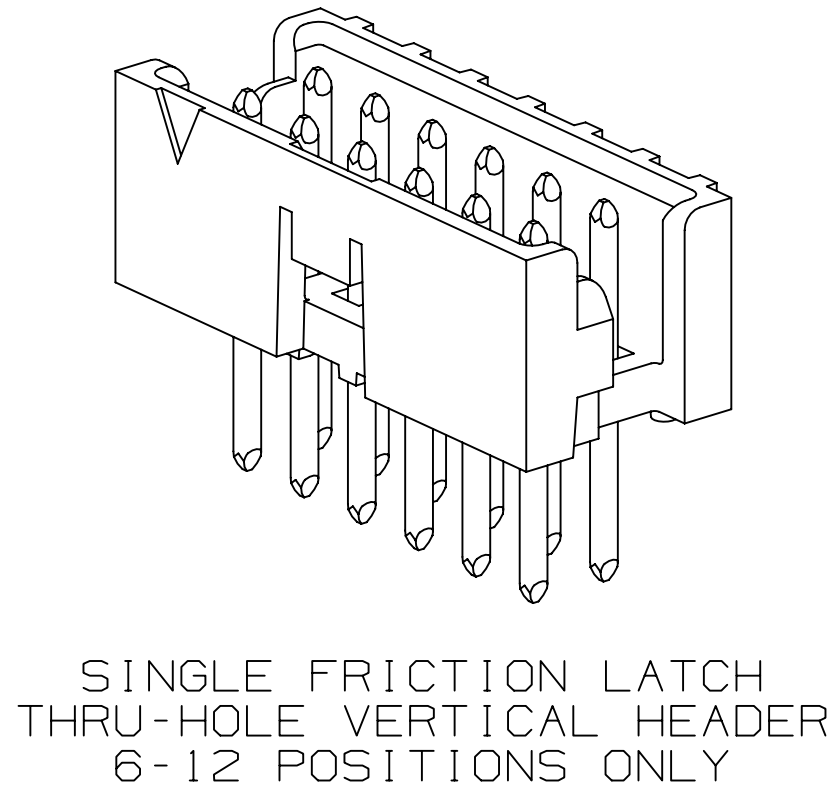
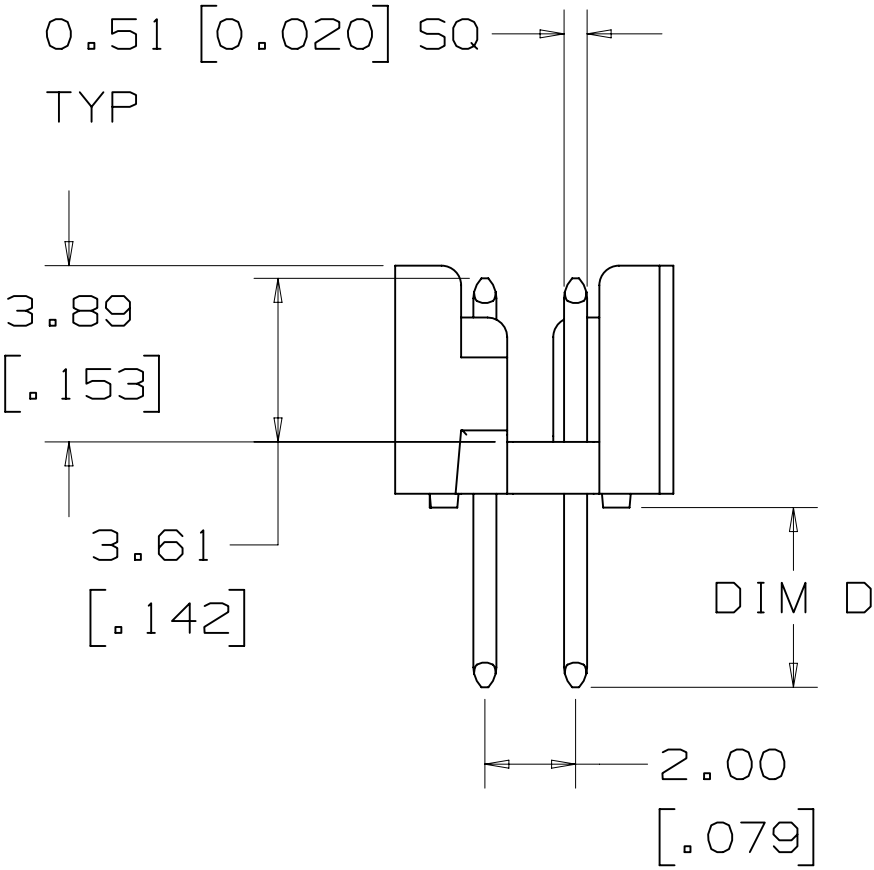
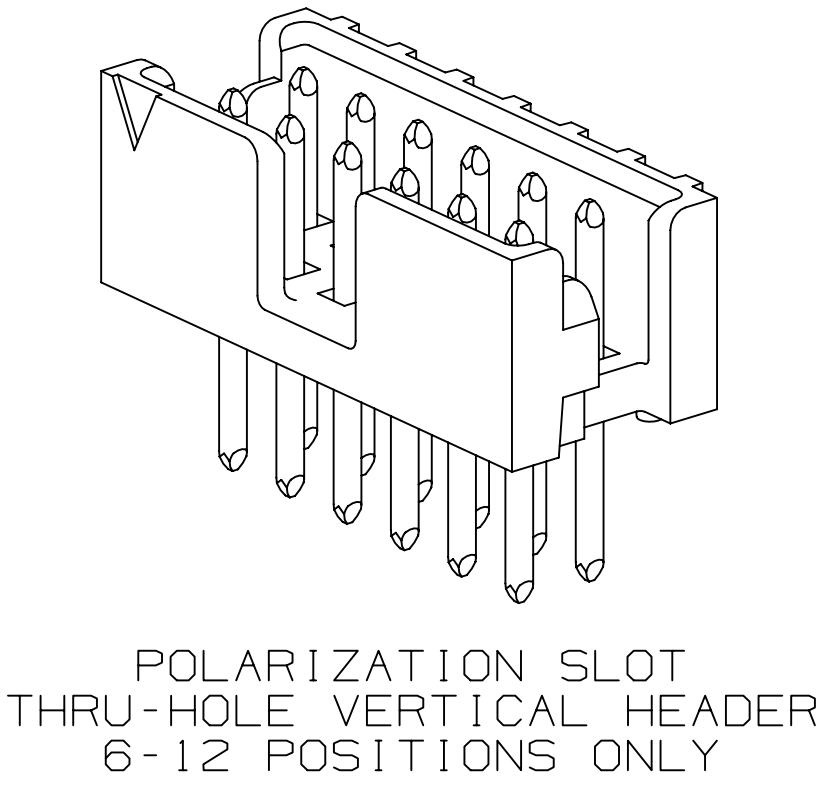


3M™ Shrouded Board Mount Header 2 mm X 2 mm Pitch 159 Series, Standard Length [3] and Extended Length [4]



RECOMMENDED PCB HOLE PATTERN TOLERANCE = 0.05 [.002]



PERFORMANCE [5] [7]

CURRENT:	1A, 6 LINES ENERGIZED
INSULATION RESISTANCE:	>1 X 10 ⁹ OHMS AT 500 VDC
WITHSTANDING VOLTAGE:	500 VACrms AT SEA LEVEL
TEMPERATURE RATING:	-55° C TO +105° C
SOLDER PROCESS TEMPERATURE:	260° C MAX PER IPC/JEDEC J-STD-020D

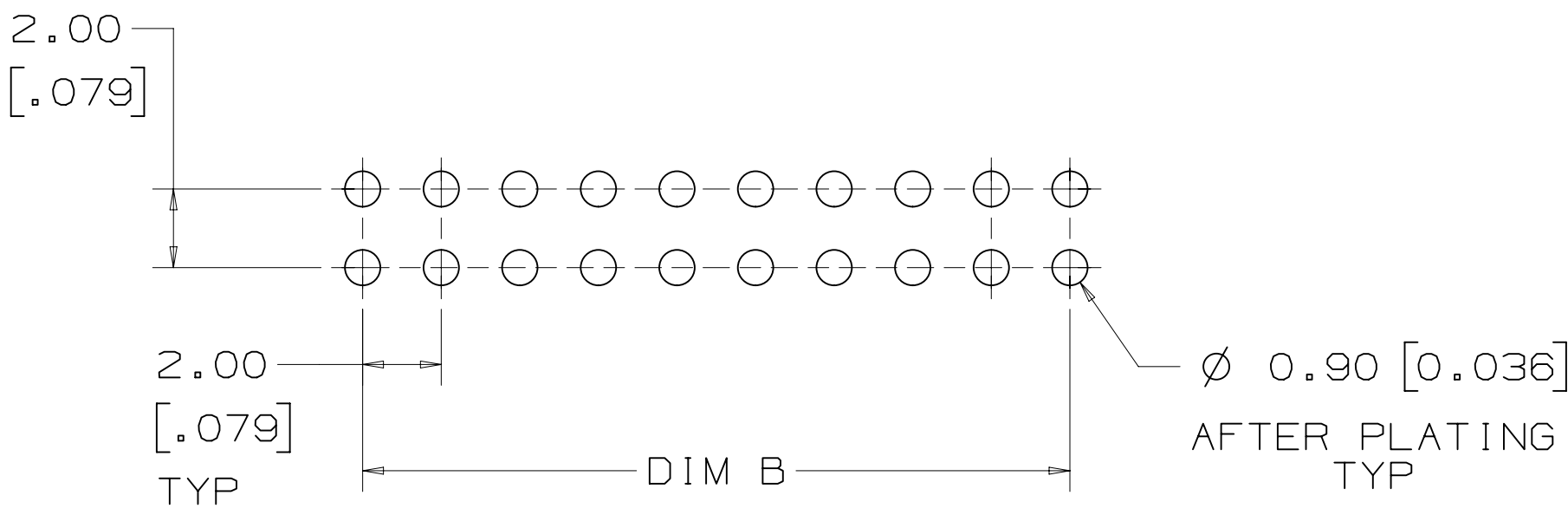
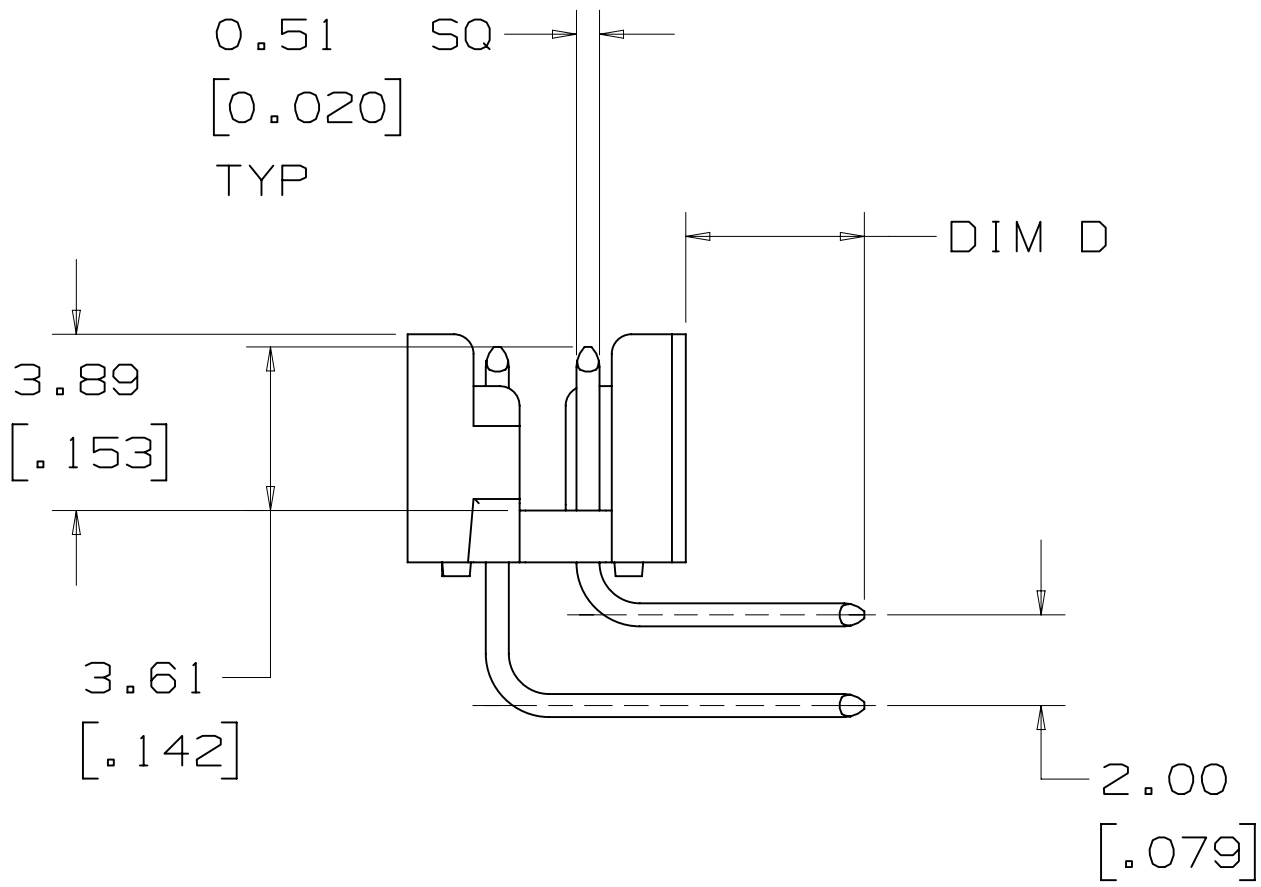
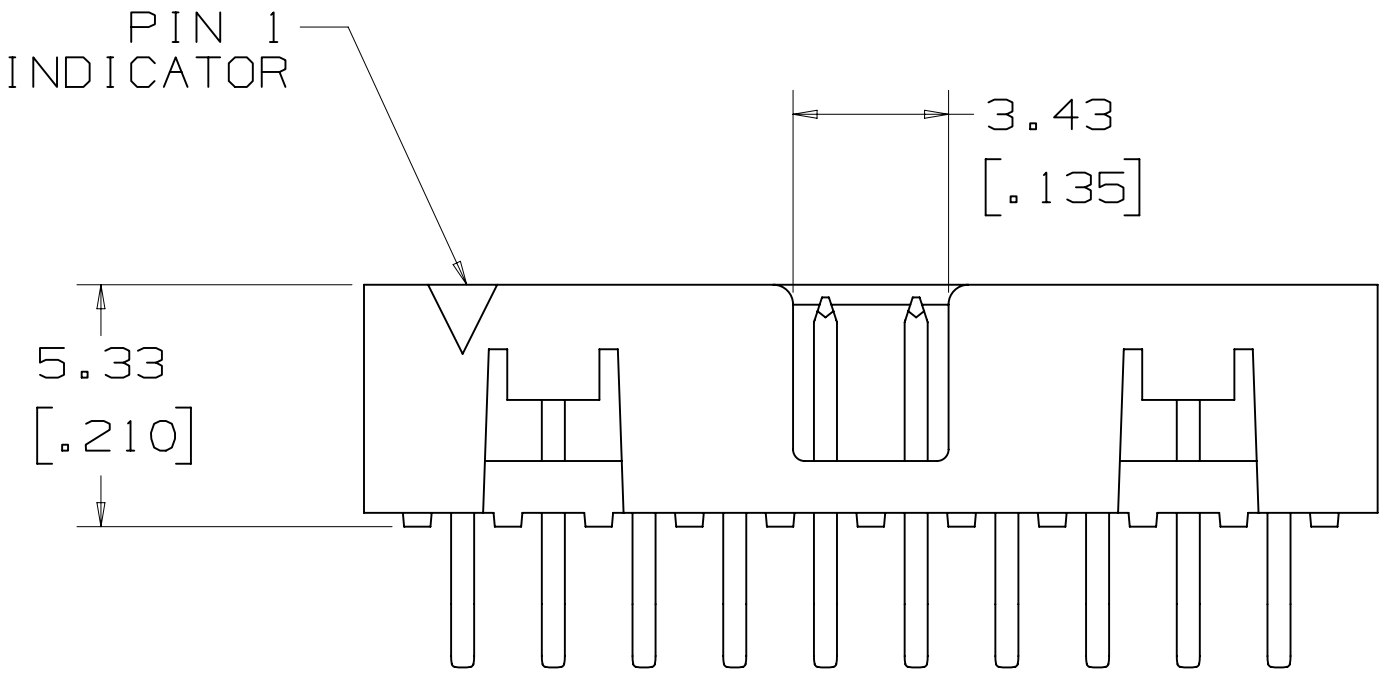
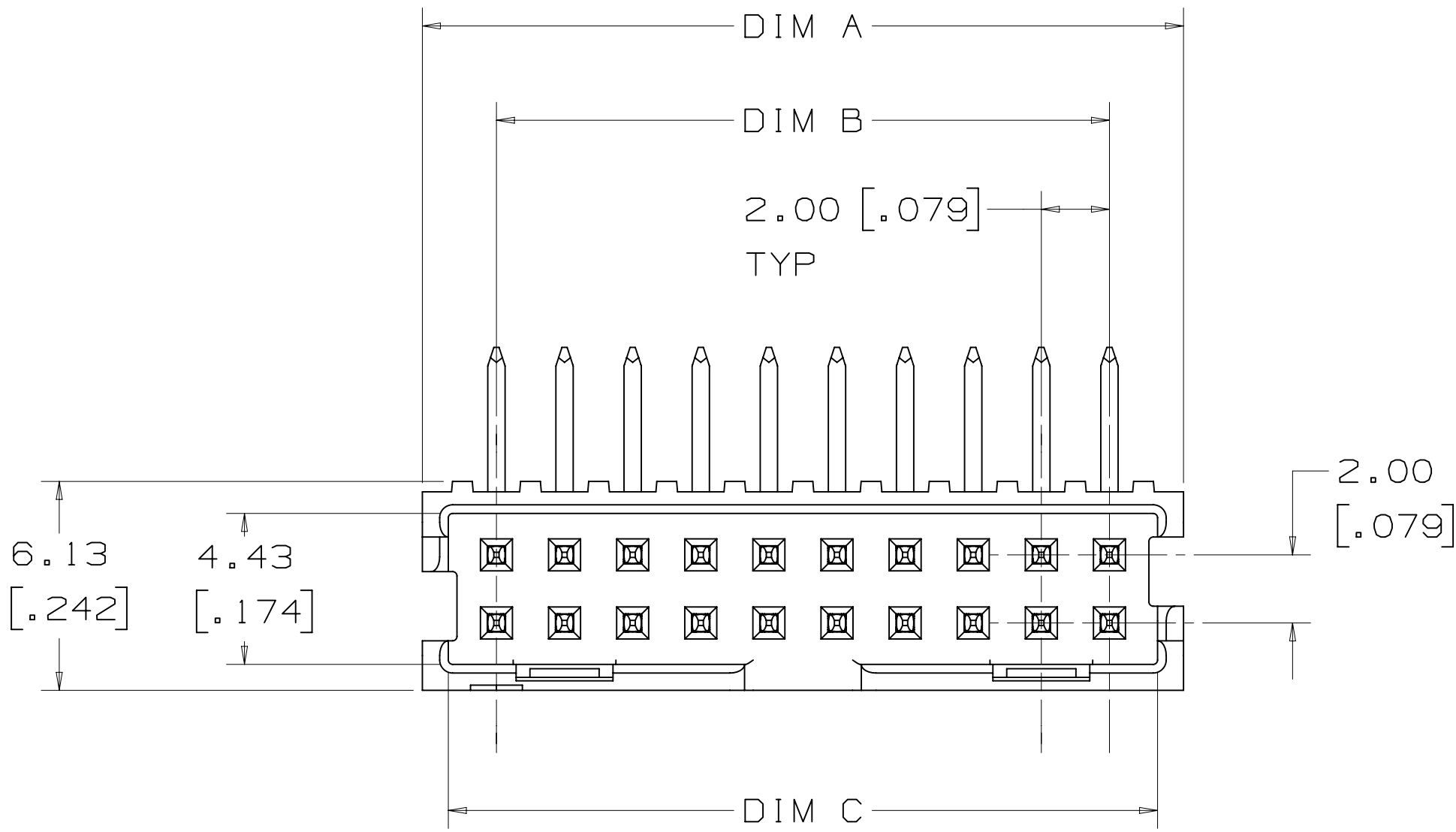
REFERENCE TABLE ON SHEET 4 FOR AVAILABLE POSITIONS AND SOLDER TAIL LENGTHS

METRIC [ENGLISH]

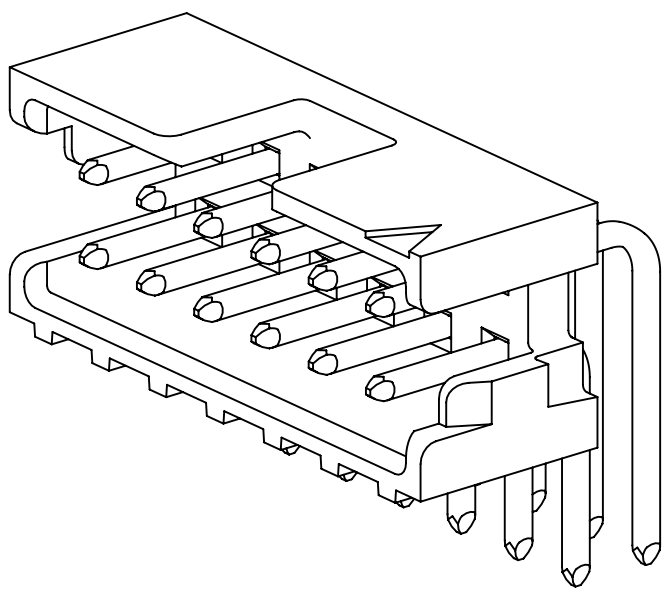
- NOTES
- MATERIAL:
BODY: HIGH TEMPERATURE GLASS FILLED LCP, BLACK UL94V-0
CONTACTS: COPPER ALLOY
 - PLATING:
2.03-3.81 μm [80-150 μin] NICKEL UNDERPLATE.
0.38 μm [15 μin] OR 0.76 μm [30 μin] AVG GOLD ON WIPING AREA.
5.08 μm [200 μin] MIN MATTE TIN ON SOLDER TAILS.
 - STANDARD LENGTH HEADERS MATE WITH 3M™ SOCKETS, 158 SERIES (REFERENCE 3M DRAWING 78-5100-2358-9).
 - EXTENDED LENGTH HEADERS MATE WITH 3M™ SOCKETS, 870 SERIES.
 - FOR PRODUCT SPECIFICATIONS AND WARRANTY INFORMATION SEE 3M 78-5102-0078-1.
 - SEE THE REGULATORY INFORMATION APPENDIX (RIA) IN THE "RoHS COMPLIANCE" SECTION OF WWW.3MCONNECTOR.COM FOR COMPLIANCE INFORMATION (RIA E1 & C1 APPLY).
 - IN THE EVENT OF CONFLICT BETWEEN THIS DATA AND THAT CONTAINED IN THE PRODUCT SPECIFICATION, THE PRODUCT SPECIFICATION TAKES PRECEDENT.

A				30741		OCT 28, 2010				LDS		SF			
DESIGN REFERENCE						NEXT ASSEMBLY						INITIAL RELEASE			
REV				ECO		ISSUE DATE AND DESCRIPTION				DRFT		CHKD			
DRFT				L. SCHMIDT		DATE				JUL 29, 2010		MFG			
CHKD						DATE						APPR			
										S FELDMAN		DATE			
												AUG 09, 2010			
DIVISION				DIVISION CODE		© 3M COPYRIGHT 2010				3M Center St. Paul, MN 55144					
DO NOT SCALE DRAWING				SCALE 6 1		TOLERANCES EXCEPT AS NOTED				This document and the information it contains are 3M property and may not be reproduced or further distributed without 3M permission, or used or disclosed other than for 3M authorized sales purposes. All rights reserved.					
						INCHES ±.0000 ±.0005 ±.0002 ±.0001				TITLE 3M SHROUDED BOARD MOUNT HEADER 2 MM X 2 MM PITCH 159 SERIES					
THIRD ANGLE PROJECTION				INTERPRET PER ASME Y14.5 - 1994		MILLIMETERS ±.00 ±.01 ±.02 ±.03 ±.0005 ±.0002 ±.0001				CAGE NUMBER D78-5100-2359-7					
MAX SURFACE ROUGHNESS 125				ALL SURFACES MARKED ONLY		ANGLES ±1°				REV. A					
DET. LISTS				YES X NO		SHT 1 OF 4									

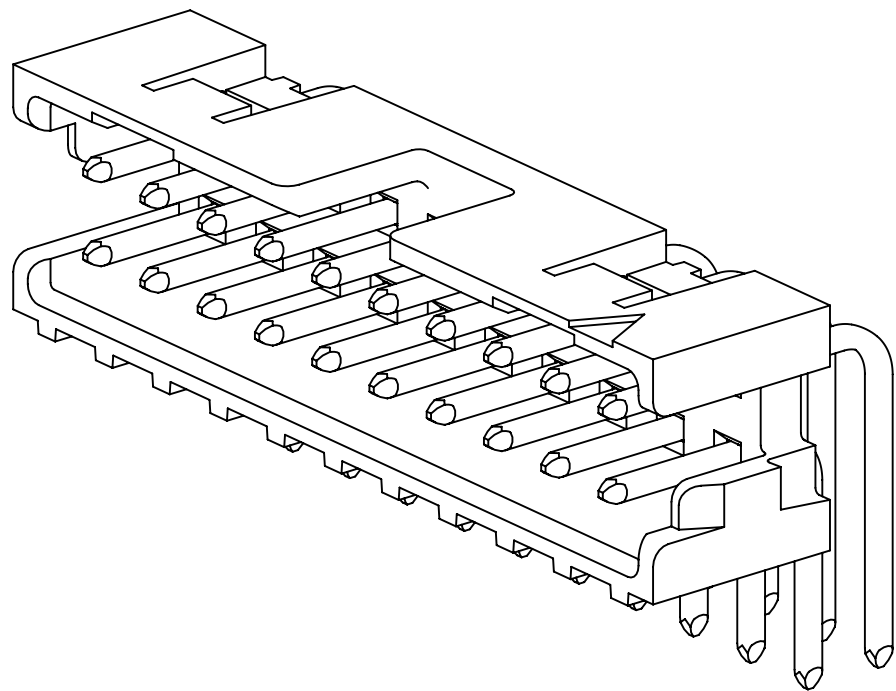
3M™ Shrouded Board Mount Header 2 mm X 2 mm Pitch 159 Series, Standard Length [3] and Extended Length [4]



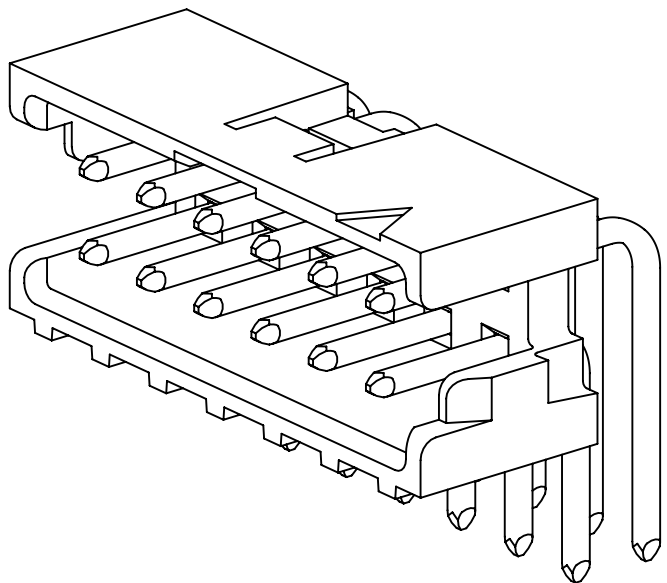
RECOMMENDED PCB HOLE PATTERN
TOLERANCE = ±0.05 [.002]



POLARIZATION SLOT
RIGHT ANGLE HEADER
6-12 POSITIONS ONLY



POLARIZATION SLOT AND
DUAL FRICTION LATCHES
RIGHT ANGLE HEADER
14-50 POSITIONS



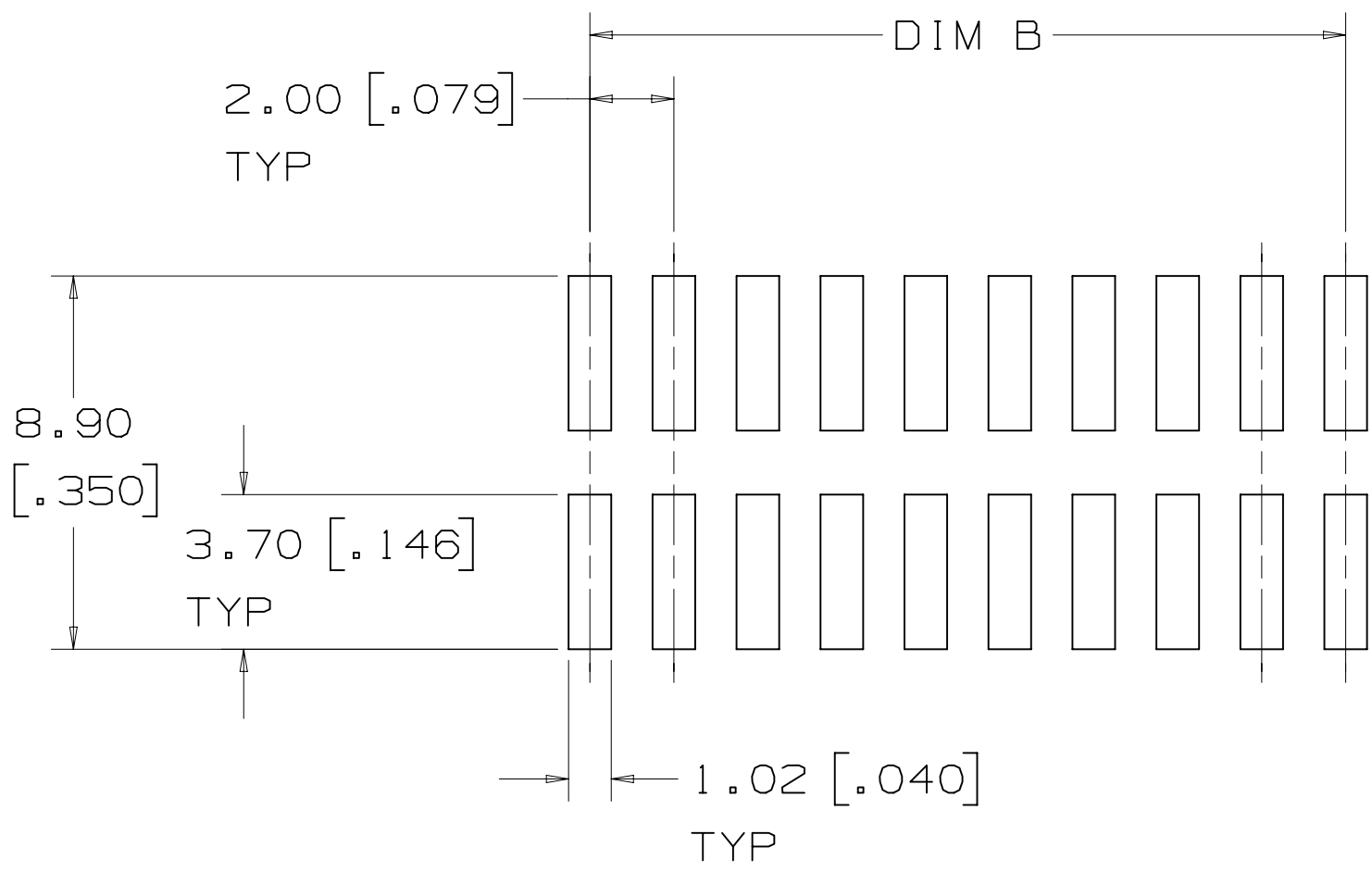
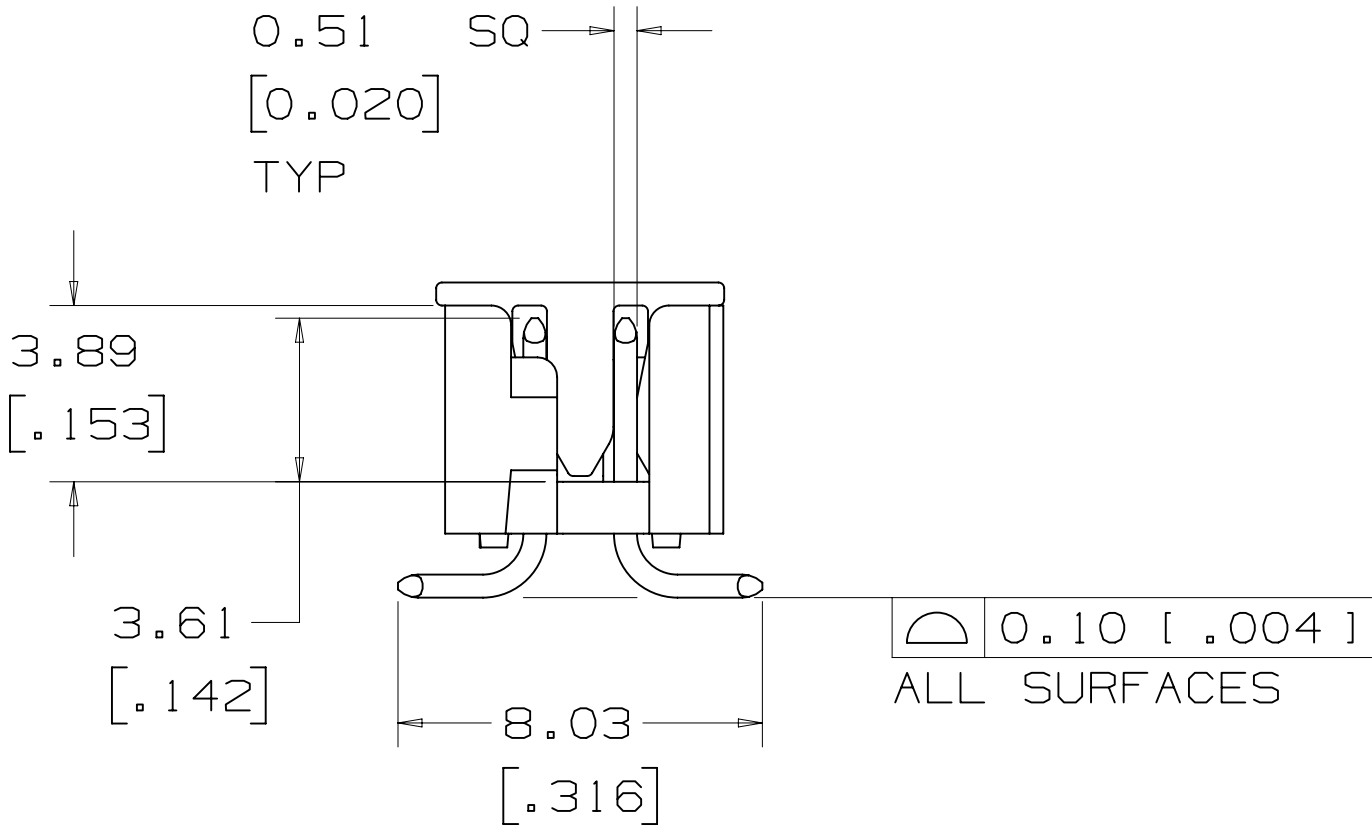
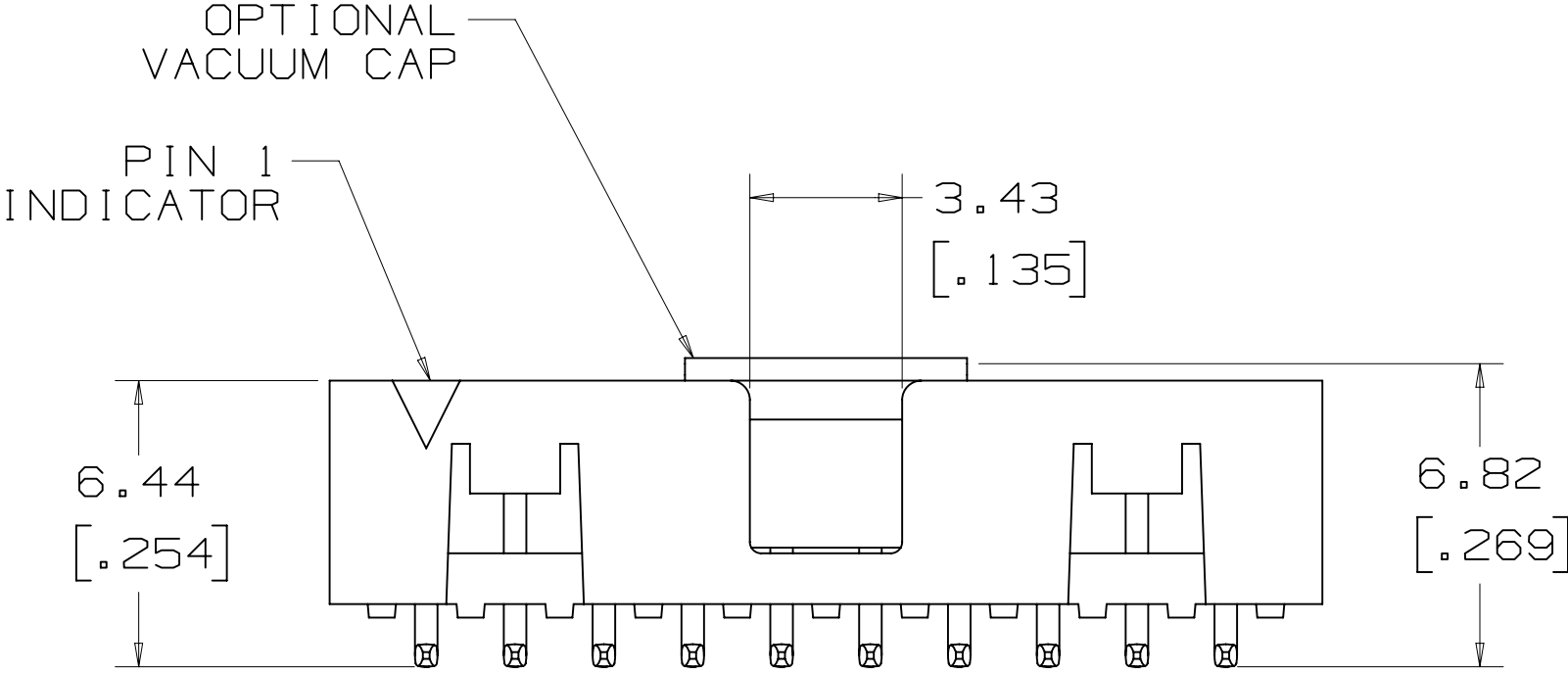
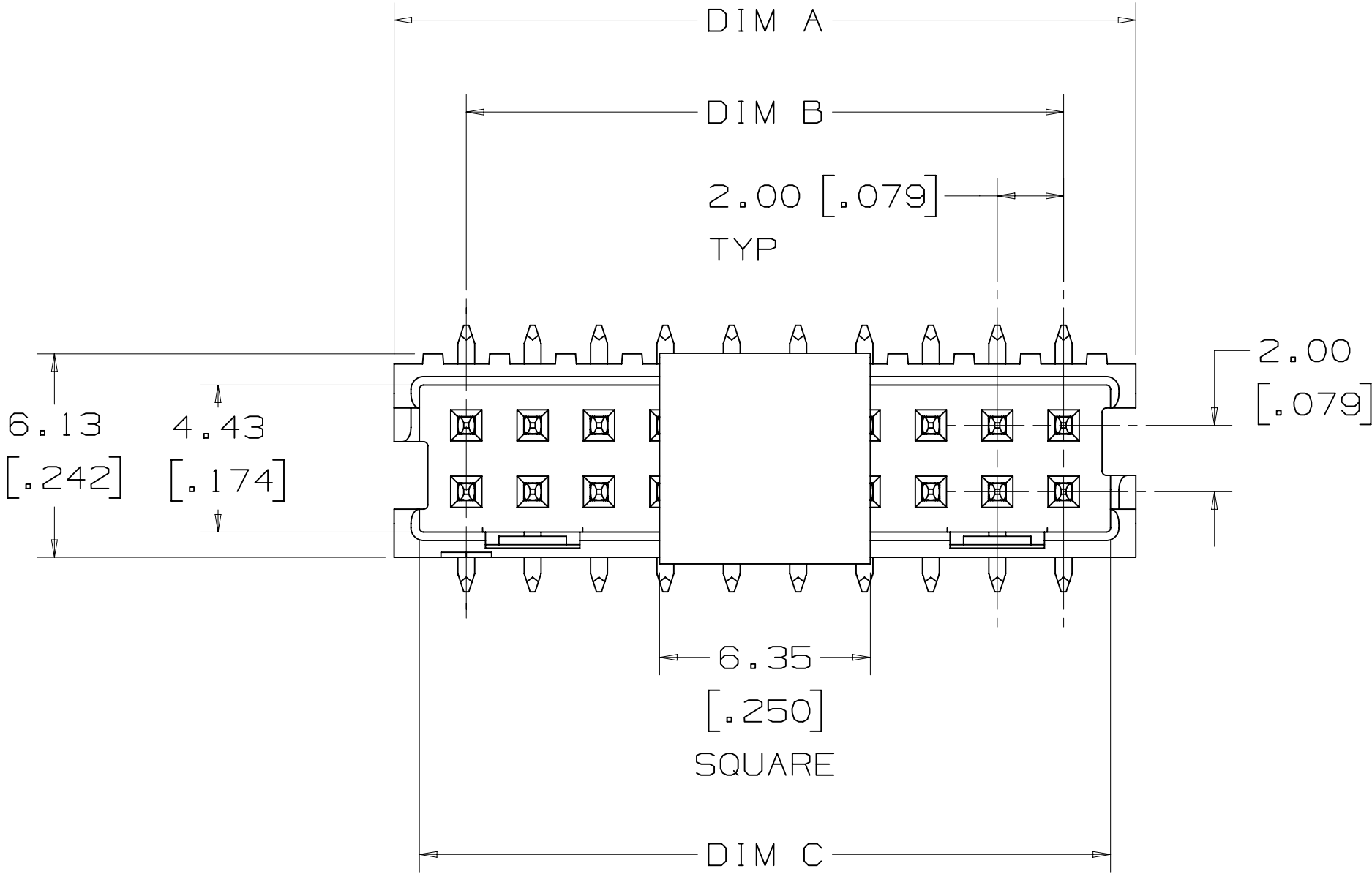
SINGLE FRICTION LATCH
RIGHT ANGLE HEADER
6-12 POSITIONS ONLY

REFERENCE TABLE ON SHEET 4
FOR AVAILABLE POSITIONS AND
SOLDER TAIL LENGTHS

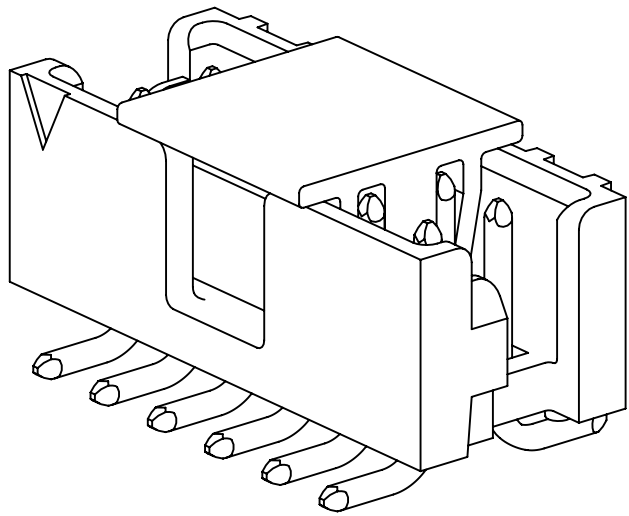
METRIC [ENGLISH]

A		30741		OCT 28, 2010		LDS		SF							
INITIAL RELEASE															
DESIGN REFERENCE		NEXT ASSEMBLY		REV		ECO		ISSUE DATE AND DESCRIPTION		DRFT		CHKD			
DISTANCE		L		SCHMIDT		DATE		JUL 29, 2010		MFG		DATE			
DIVISION		DIVISION CODE		CHKD		DATE		S FELDMAN		DATE		AUG 09, 2010			
DO NOT SCALE DRAWING		SCALE 4 1		TOLERANCES EXCEPT AS NOTED		INCHES		MILLIMETERS		MAX SURFACE ROUGHNESS		ALL SURFACES MARKED ONLY			
THIRD ANGLE PROJECTION		INTERPRET PER ASME Y14.5 - 1994		MAX SURFACE ROUGHNESS 125		ALL SURFACES MARKED ONLY		CAGE NUMBER		SIZE		DRAWING NO.		REV.	
3M SHROUDED BOARD MOUNT HEADER 2 MM X 2 MM PITCH 159 SERIES		3M Center St. Paul, MN 55144		3M COPY[RIGHT] 2010 This document and the information it contains are 3M property and may not be reproduced or further distributed without 3M permission, or used or disclosed other than for 3M authorized purposes. All rights reserved.		3M SHROUDED BOARD MOUNT HEADER 2 MM X 2 MM PITCH 159 SERIES		CAGE NUMBER		SIZE		DRAWING NO.		REV.	
125		1		.00 ± .03		.000 ±		D		78-5100-2359-7		A		1	
3M		3M Center St. Paul, MN 55144		3M COPY[RIGHT] 2010 This document and the information it contains are 3M property and may not be reproduced or further distributed without 3M permission, or used or disclosed other than for 3M authorized purposes. All rights reserved.		3M SHROUDED BOARD MOUNT HEADER 2 MM X 2 MM PITCH 159 SERIES		CAGE NUMBER		SIZE		DRAWING NO.		REV.	
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3M		3M Center St. Paul, MN 55144		3M COPY[RIGHT] 2010 This document and the information it contains are 3M property and may not be reproduced or further distributed without 3M permission, or used or disclosed other than for 3M authorized purposes. All rights reserved.		3M SHROUDED BOARD MOUNT HEADER 2 MM X 2 MM PITCH 159 SERIES		CAGE NUMBER		SIZE		DRAWING NO.		REV.	
125		1		.00 ± .03		.000 ±		D		78-5100-2359-7		A		1	
3M		3M Center St. Paul, MN 55144		3M COPY[RIGHT] 2010 This document and the information it contains are 3M property and may not be reproduced or further distributed without 3M permission, or used or disclosed other than for 3M authorized purposes. All rights reserved.		3M SHROUDED BOARD MOUNT HEADER 2 MM X 2 MM PITCH 159 SERIES		CAGE NUMBER		SIZE		DRAWING NO.		REV.	
125		1		.00 ± .03		.000 ±		D		78-5100-2359-7		A		1	
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125		1		.00 ± .03		.000 ±		D		78-5100-2359-7		A		1	
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125		1		.00 ± .03		.000 ±		D		78-5100-2359-7		A		1	
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125		1		.00 ± .03		.000 ±		D		78-5100-2359-7		A		1	
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125		1		.00 ± .03		.000 ±		D		78-5100-2359-7		A		1	
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125		1		.00 ± .03		.000 ±		D		78-5100-2359-7		A		1	
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125		1		.00 ± .03		.000 ±		D		78-5100-2359-7		A		1	
3M		3M Center St. Paul, MN 55144		3M COPY[RIGHT] 2010 This document and the information it contains are 3M property and may not be reproduced or further distributed without 3M permission, or used or disclosed other than for 3M authorized purposes. All rights reserved.		3M SHROUDED BOARD MOUNT HEADER 2 MM X 2 MM PITCH 159 SERIES		CAGE NUMBER		SIZE		DRAWING NO.		REV.	
125		1		.00 ± .03		.000 ±		D		78-5100-2359-7		A		1	
3M		3M Center St. Paul, MN 55144		3M COPY[RIGHT] 2010 This document and the information it contains are 3M property and may not be reproduced or further distributed without 3M permission, or used or disclosed other than for 3M authorized purposes. All rights reserved.		3M SHROUDED BOARD MOUNT HEADER 2 MM X 2 MM PITCH 159 SERIES		CAGE NUMBER		SIZE		DRAWING NO.		REV.	
125		1		.00 ± .03		.000 ±		D		78-5100-2359-7		A		1	
3M		3M Center St. Paul, MN 55144		3M COPY[RIGHT] 2010 This document and the information it contains are 3M property and may not be reproduced or further distributed without 3M permission, or used or disclosed other than for 3M authorized purposes. All rights reserved.		3M SHROUDED BOARD MOUNT HEADER 2 MM X 2 MM PITCH 159 SERIES		CAGE NUMBER		SIZE		DRAWING NO.		REV.	
125		1		.00 ± .03											

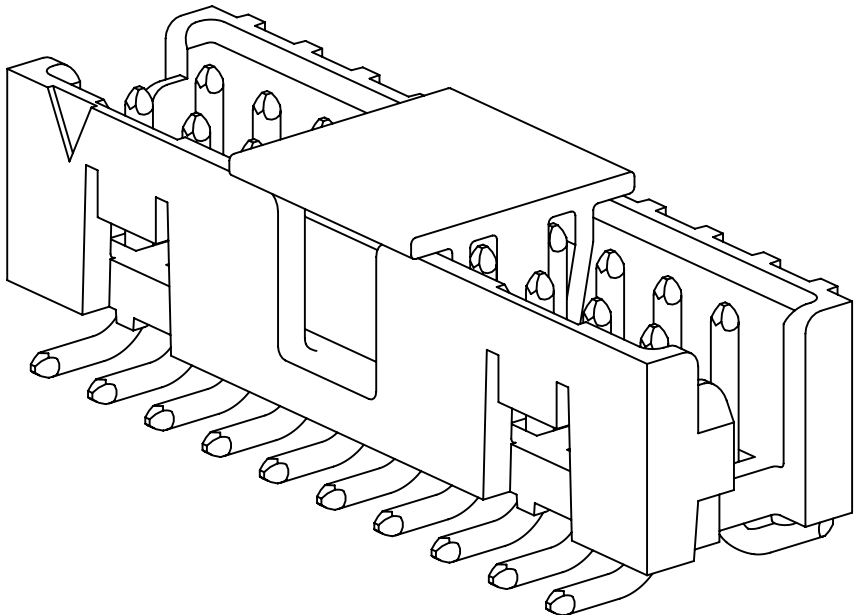
3M™ Shrouded Board Mount Header 2 mm X 2 mm Pitch 159 Series, Standard Length [3] and Extended Length [4]



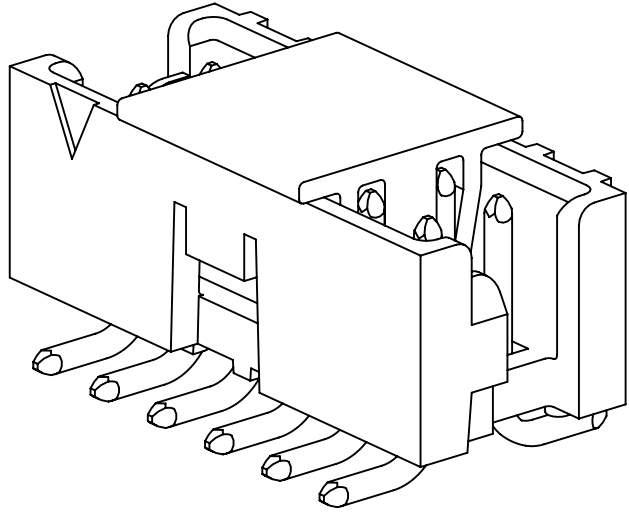
RECOMMENDED PCB PAD PATTERN
TOLERANCE = ±0.08 [.003]



POLARIZATION SLOT
SURFACE MOUNT HEADER
6-12 POSITIONS ONLY



POLARIZATION SLOT AND
DUAL FRICTION LATCHES
SURFACE MOUNT HEADER
14-50 POSITIONS



SINGLE FRICTION LATCH
SURFACE MOUNT HEADER
6-12 POSITIONS ONLY

REFERENCE TABLE ON SHEET 4
FOR AVAILABLE POSITIONS

METRIC [ENGLISH]

DESIGN REFERENCE		NEXT ASSEMBLY		A 30741		OCT 28, 2010		LDS	SF
REV		ECO		ISSUE DATE AND DESCRIPTION		DRFT		CHKD	
L. SCHMIDT		JUL 29, 2010		MFG		DATE		DATE	
CHKD		S. FELDMAN		APPROV		DATE		DATE	
DIVISION		DIVISION CODE		3M		3M Center		St. Paul, MN 55144	
DO NOT SCALE DRAWING		SCALE 4/1		TOLERANCES EXCEPT AS NOTED		INCHES		MILLIMETERS	
THIRD ANGLE PROJECTION		INTERPRET PER ASME Y14.5 - 1994		MAX SURFACE ROUGHNESS		125/		ALL SURFACES	
X MARKED ONLY		ANGLES ±1°		CAGE NUMBER		DRAWING NO.		REV.	
125/		X MARKED ONLY		D		78-5100-2359-7		A	
MODEL		DET		LISTS		YES		NO	
SHT 3 OF 4									



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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