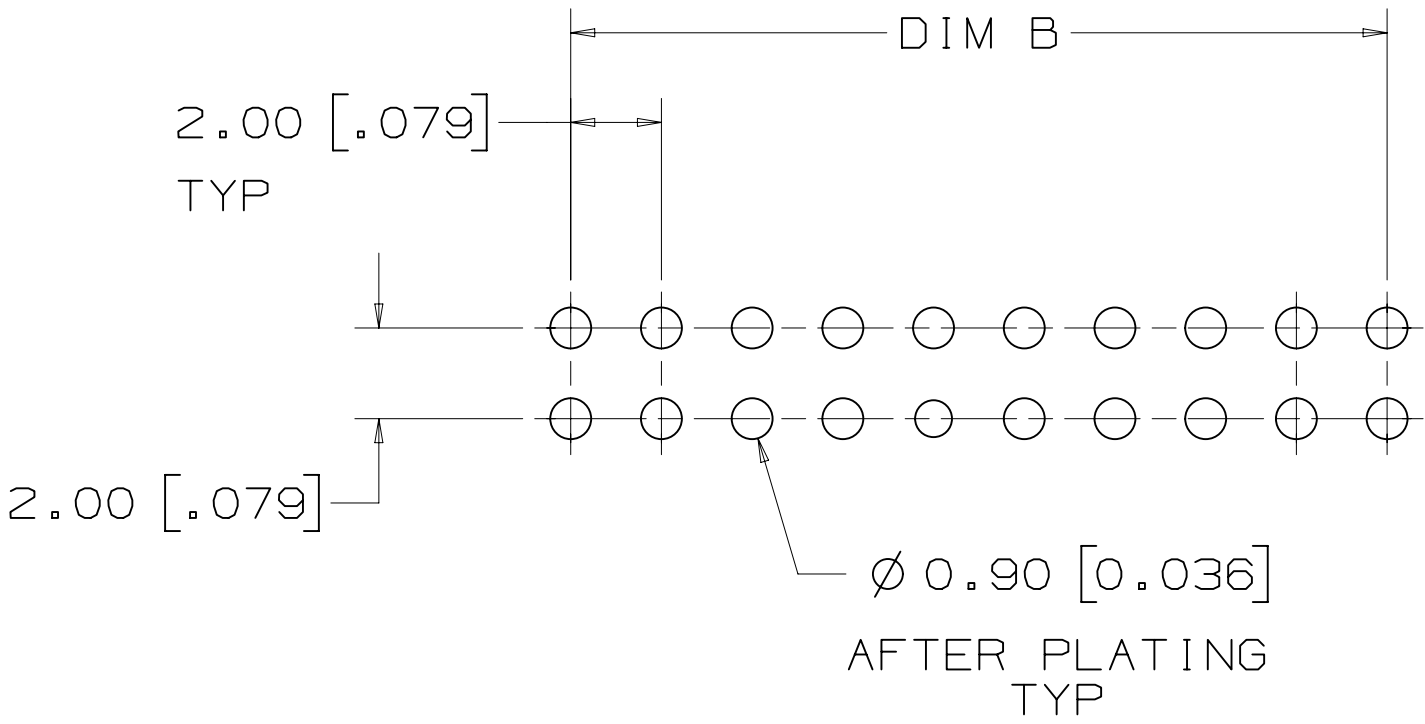
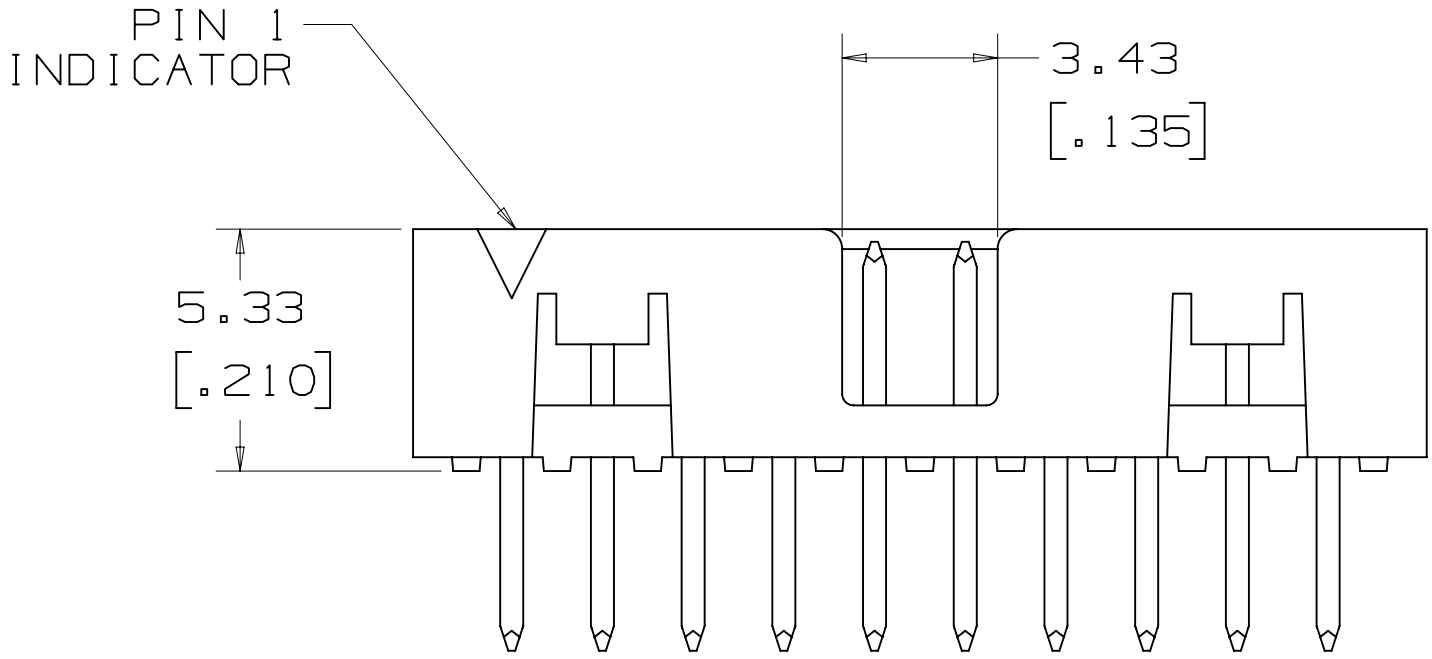
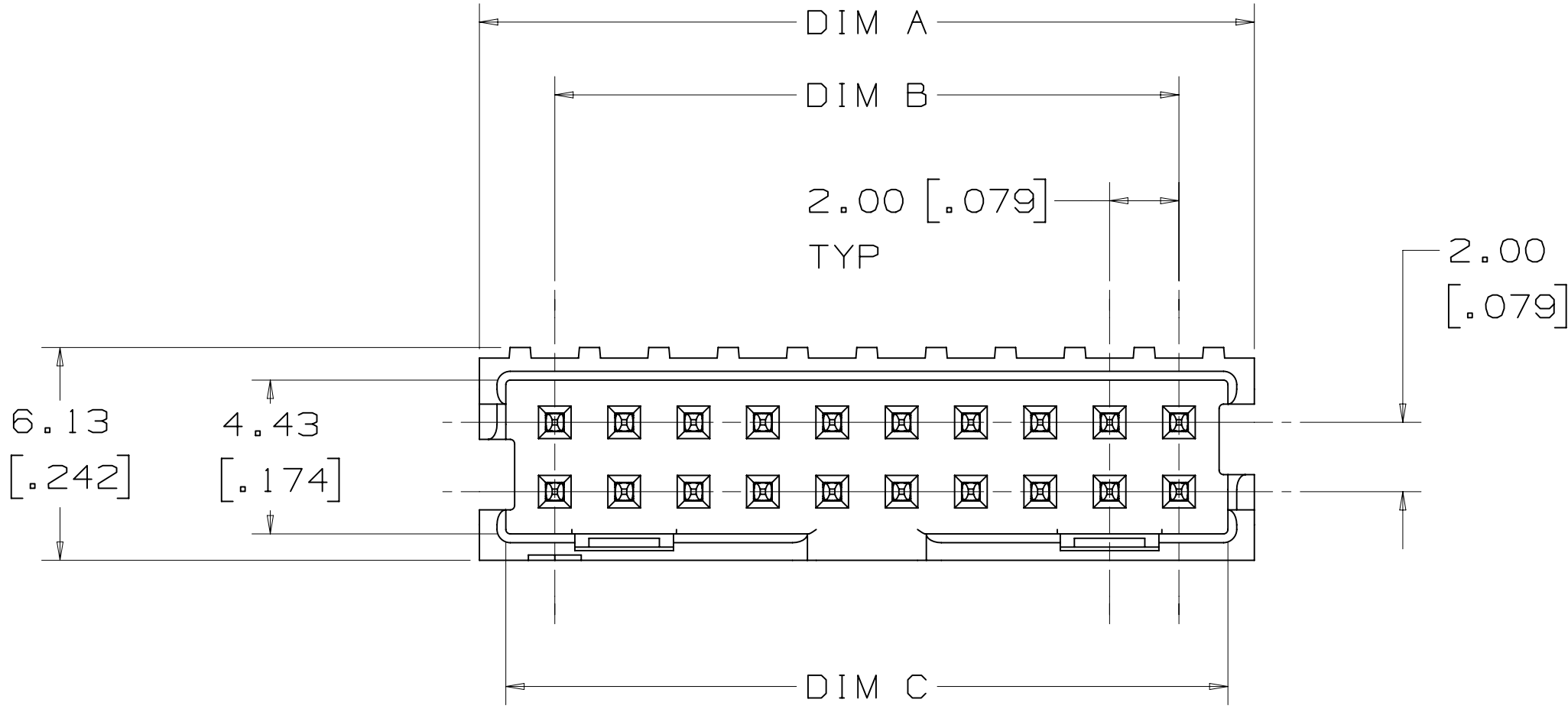
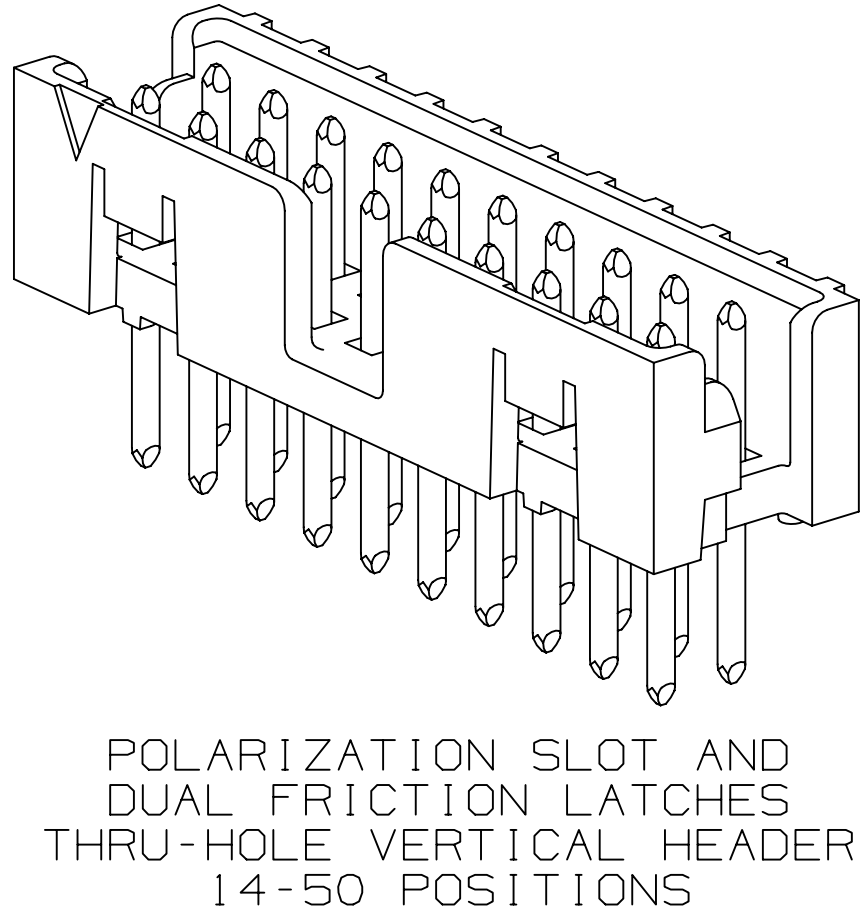
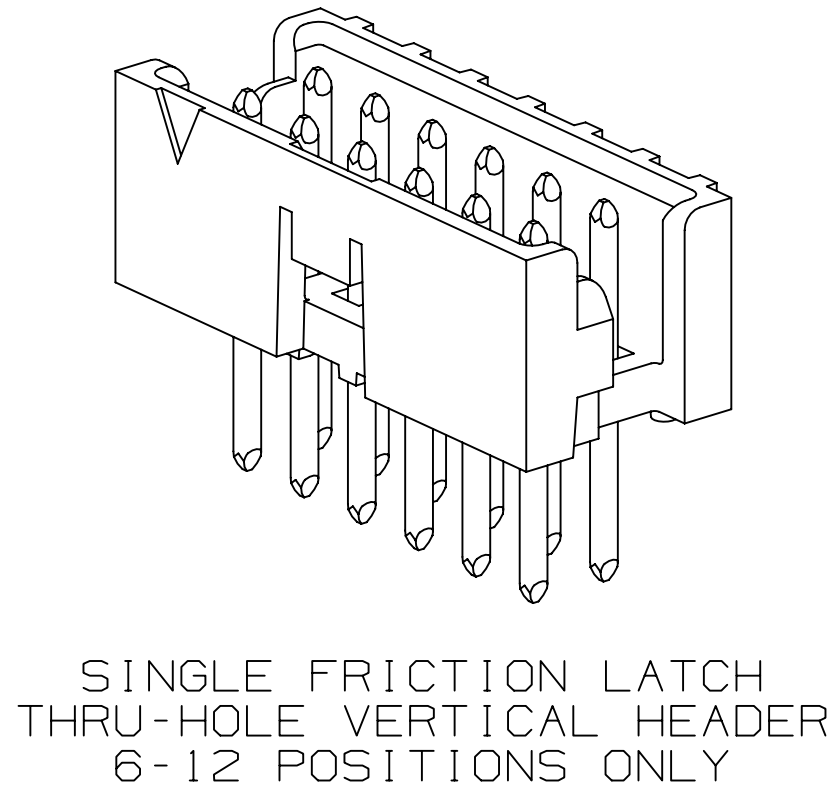
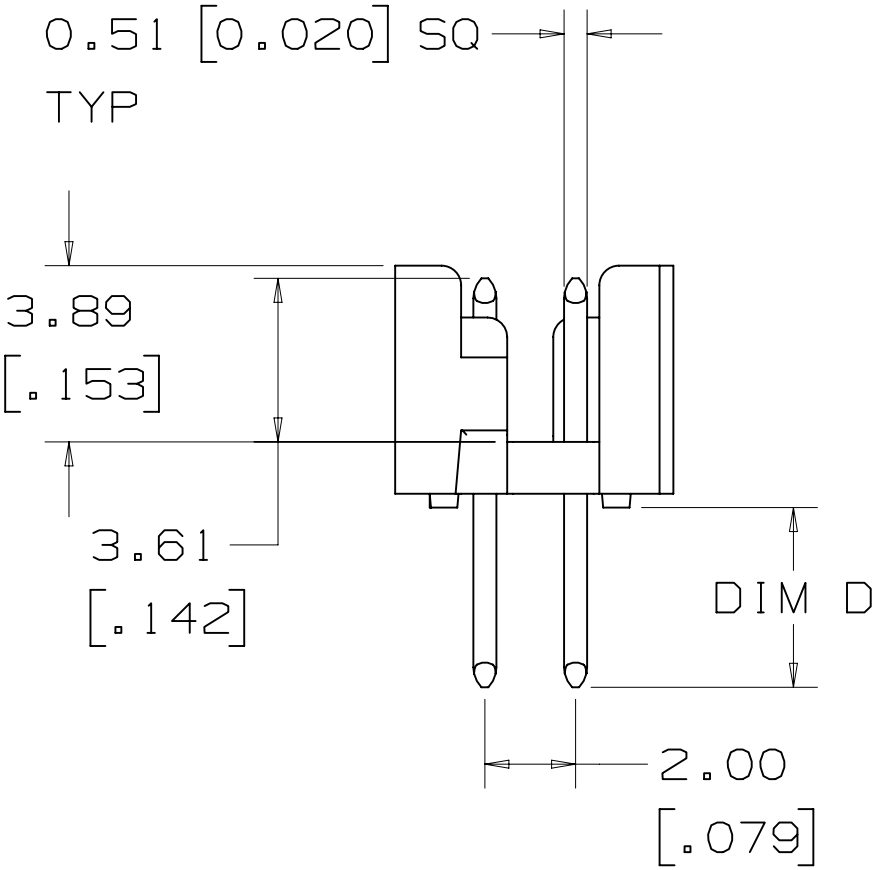
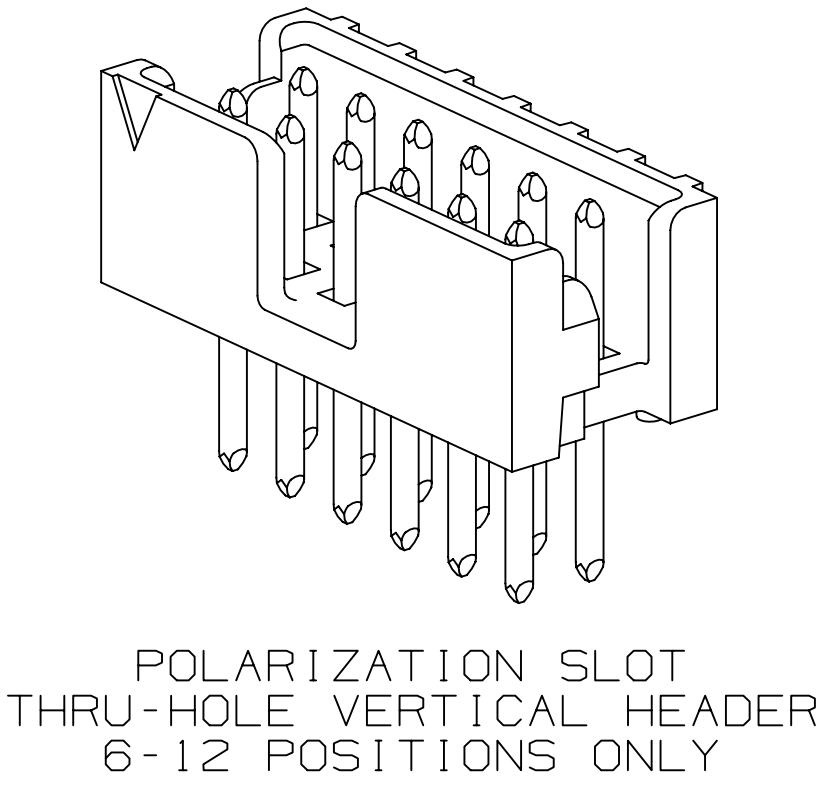


3M™ Shrouded Board Mount Header 2 mm X 2 mm Pitch 159 Series, Standard Length [3] and Extended Length [4]



RECOMMENDED PCB HOLE PATTERN TOLERANCE = 0.05 [.002]



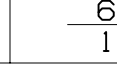
PERFORMANCE [5] [7]

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

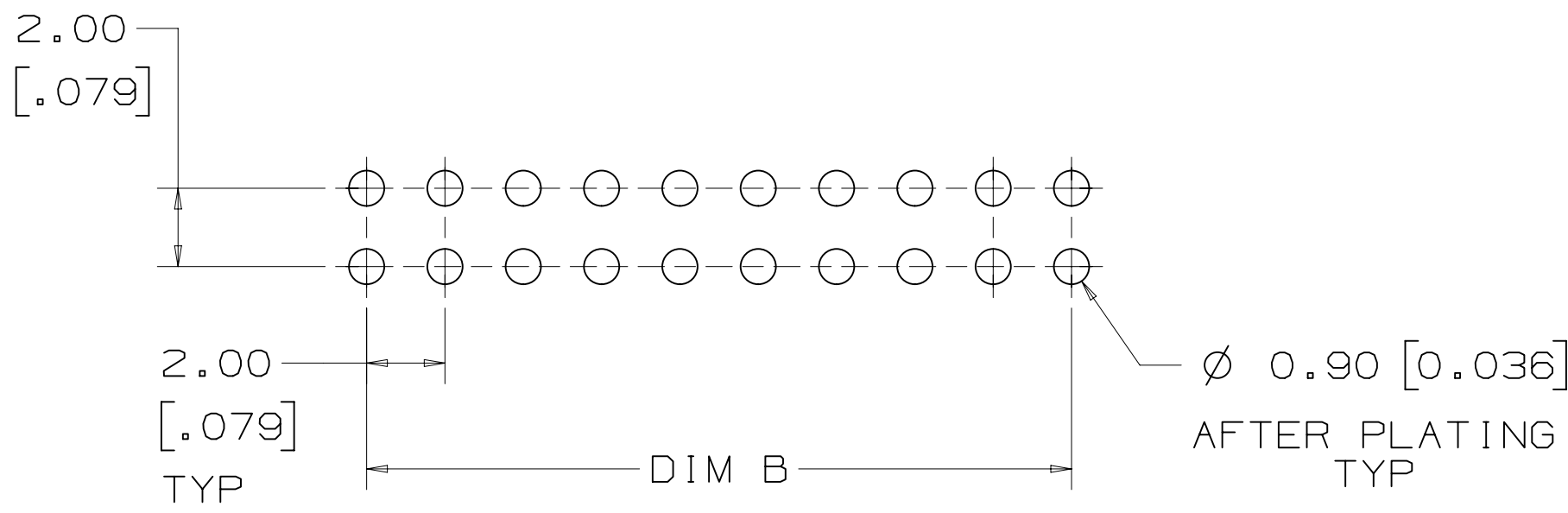
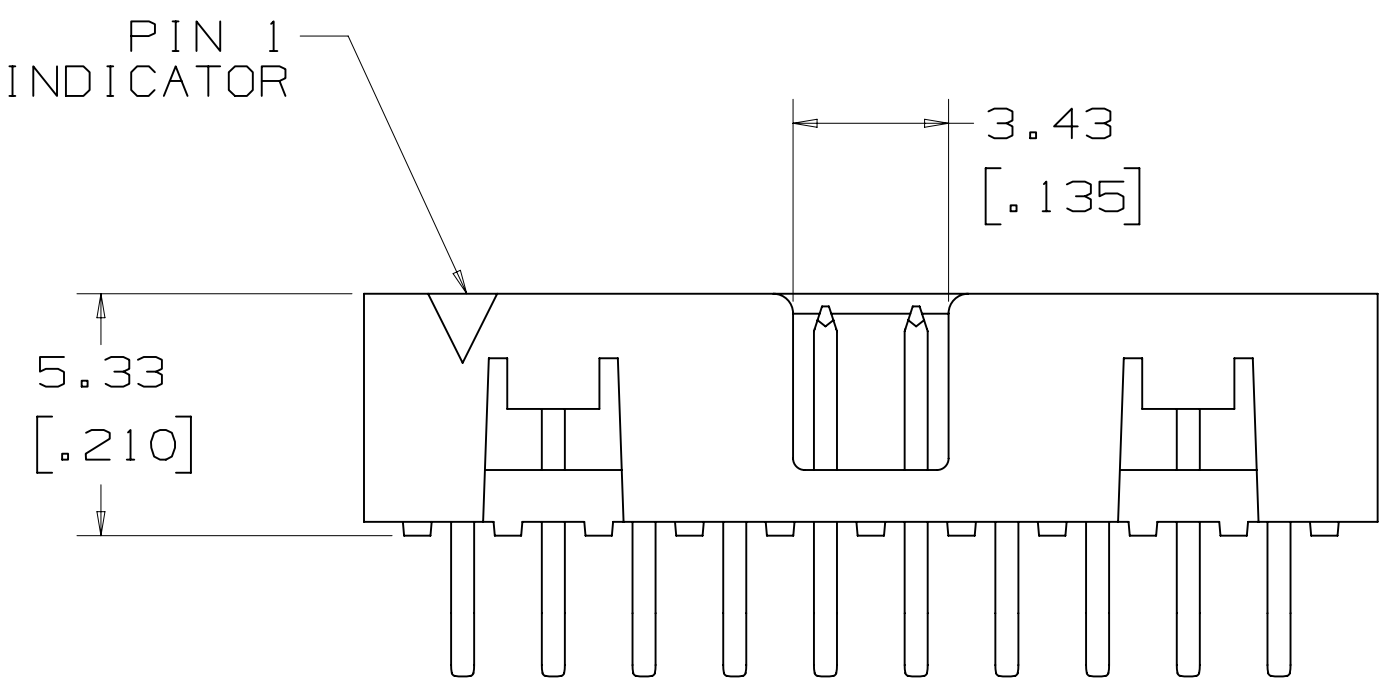
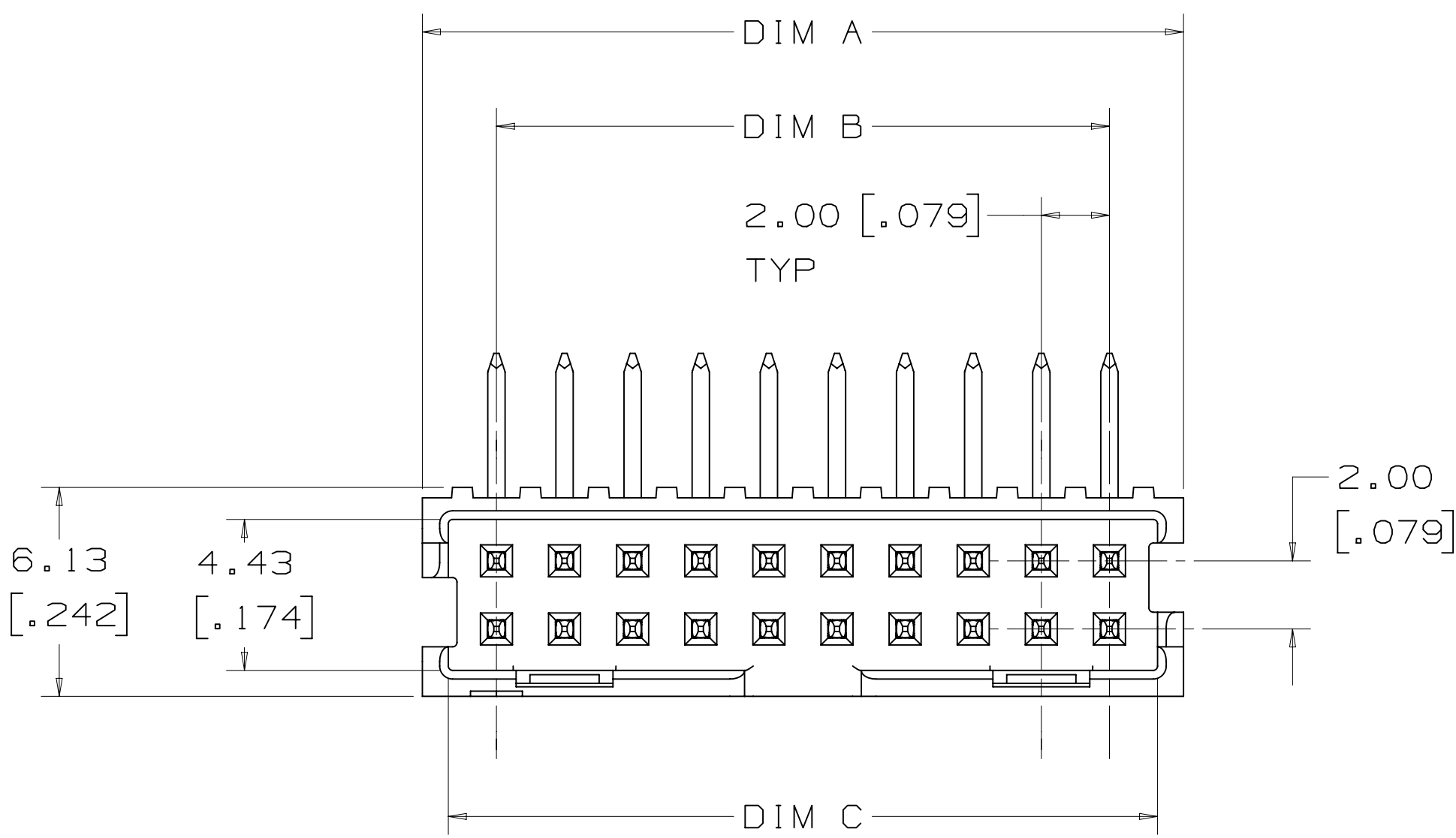
REFERENCE TABLE ON SHEET 4 FOR AVAILABLE POSITIONS AND SOLDER TAIL LENGTHS

METRIC [ENGLISH]

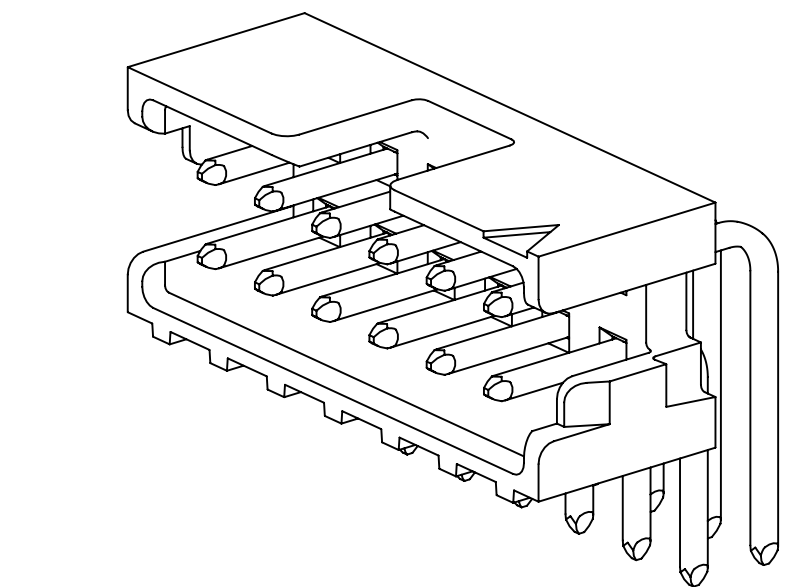
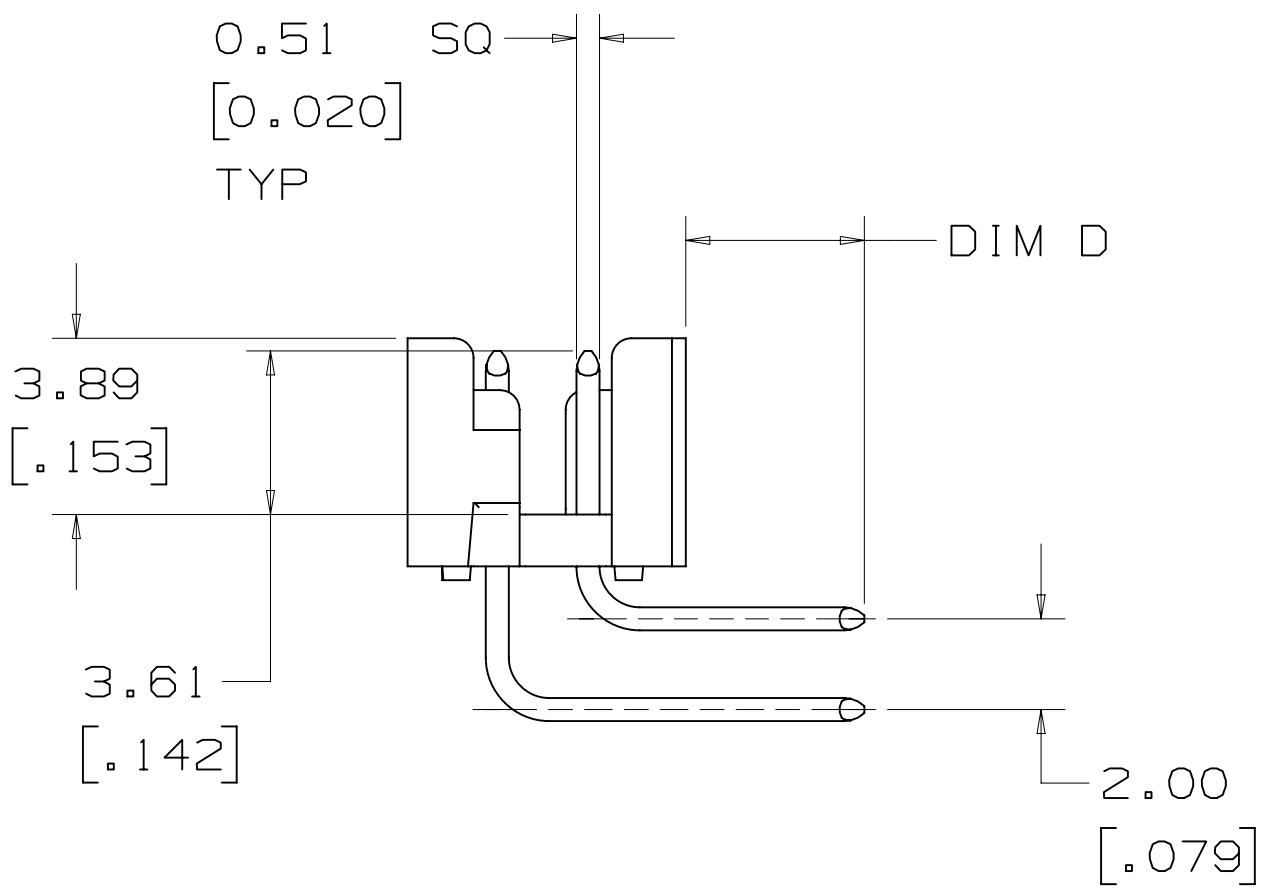
- NOTES
- MATERIAL:
BODY: HIGH TEMPERATURE GLASS FILLED LCP, BLACK UL94V-0
CONTACTS: COPPER ALLOY
 - PLATING:
2.03-3.81 μm [80-150 μin] NICKEL UNDERPLATE.
0.38 μm [15 μin] OR 0.76 μm [30 μin] AVG GOLD ON WIPING AREA.
5.08 μm [200 μin] MIN MATTE TIN ON SOLDER TAILS.
 - STANDARD LENGTH HEADERS MATE WITH 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
				INITIAL RELEASE					
DESIGN REFERENCE		NEXT ASSEMBLY		REV	ECO	ISSUE DATE AND DESCRIPTION		DRFT	CHKD
DISTRIBUTION CODES				DRFT	L. SCHMIDT	DATE	JUL 29, 2010	MFG	
				CHKD		DATE		APPR	S FELDMAN
								DATE	AUG 09, 2010
DIVISION		DIVISION CODE							
DO NOT SCALE DRAWING		SCALE 6-1		TOLERANCES EXCEPT AS NOTED		© 3M COPYRIGHT 2010 3M property and the information it contains are either embodied in or derived from 3M technology, and its use without 3M permission, or used or disclosed other than for 3M authorized sales purposes. All rights reserved.			
				INCHES .0000 ± .0000		TITLE 3M SHROUDED BOARD MOUNT HEADER 2 MM X 2 MM PITCH 159 SERIES			
THIRD ANGLE PROJECTION				MILLIMETERS .0000 ± .0000		CAGE NUMBER D78-5100-2359-7			
INTERPRET PER ASME Y14.5 - 1994				MAX SURFACE ROUGHNESS 125 /		REV. A			
MAX SURFACE ROUGHNESS 125 /				ALL SURFACES MARKED		DET. LISTS ☒ YES ☒ NO			
				ANGLES ± 1°		SHT 1 OF 4			

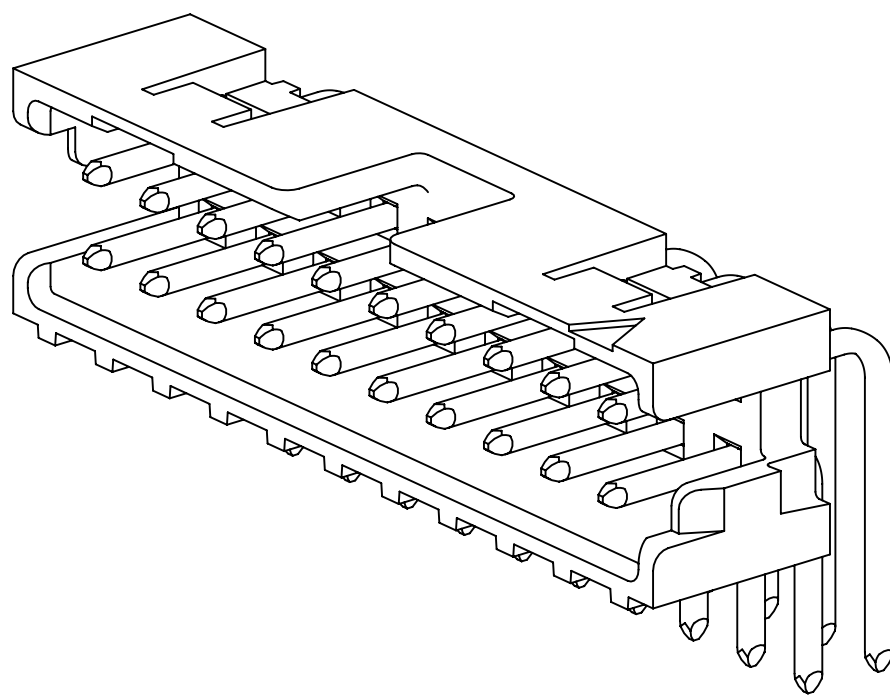
3M™ Shrouded Board Mount Header 2 mm X 2 mm Pitch 159 Series, Standard Length [3] and Extended Length [4]



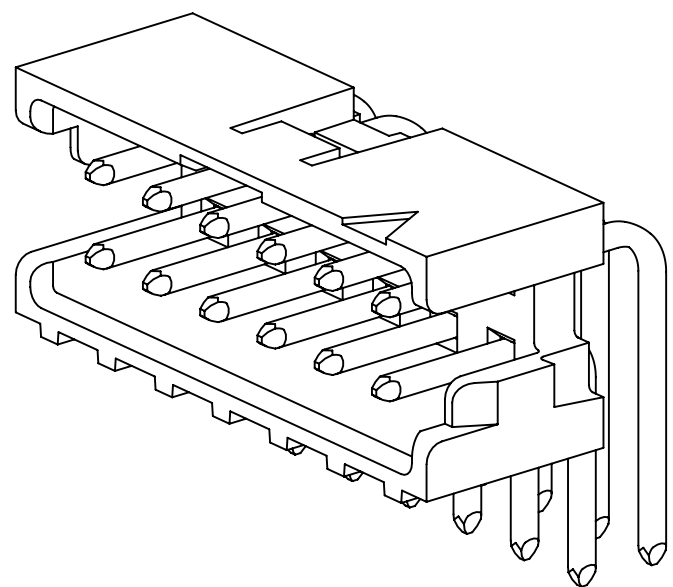
RECOMMENDED PCB HOLE PATTERN
TOLERANCE = ±0.05 [.002]



POLARIZATION SLOT
RIGHT ANGLE HEADER
6-12 POSITIONS ONLY



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



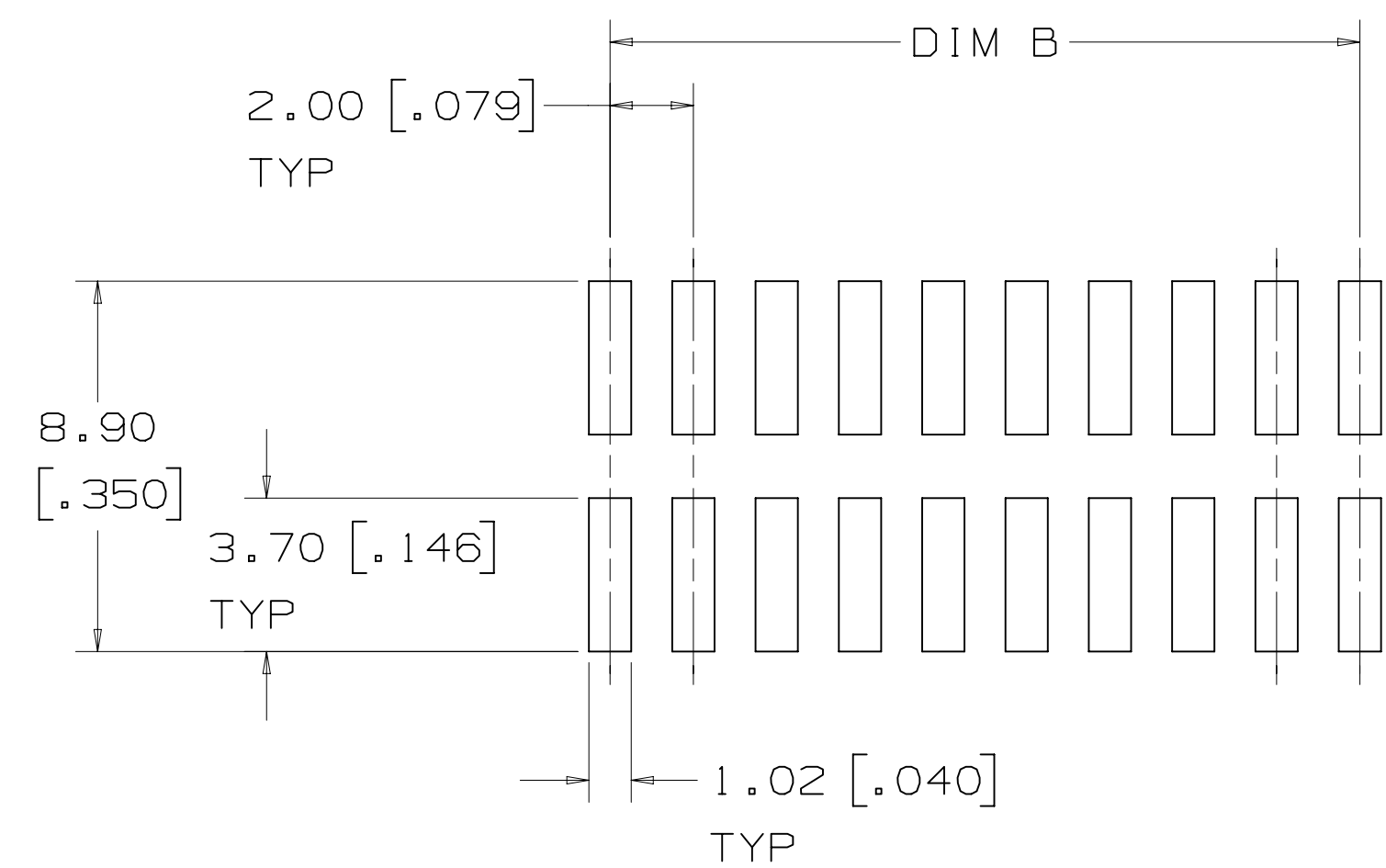
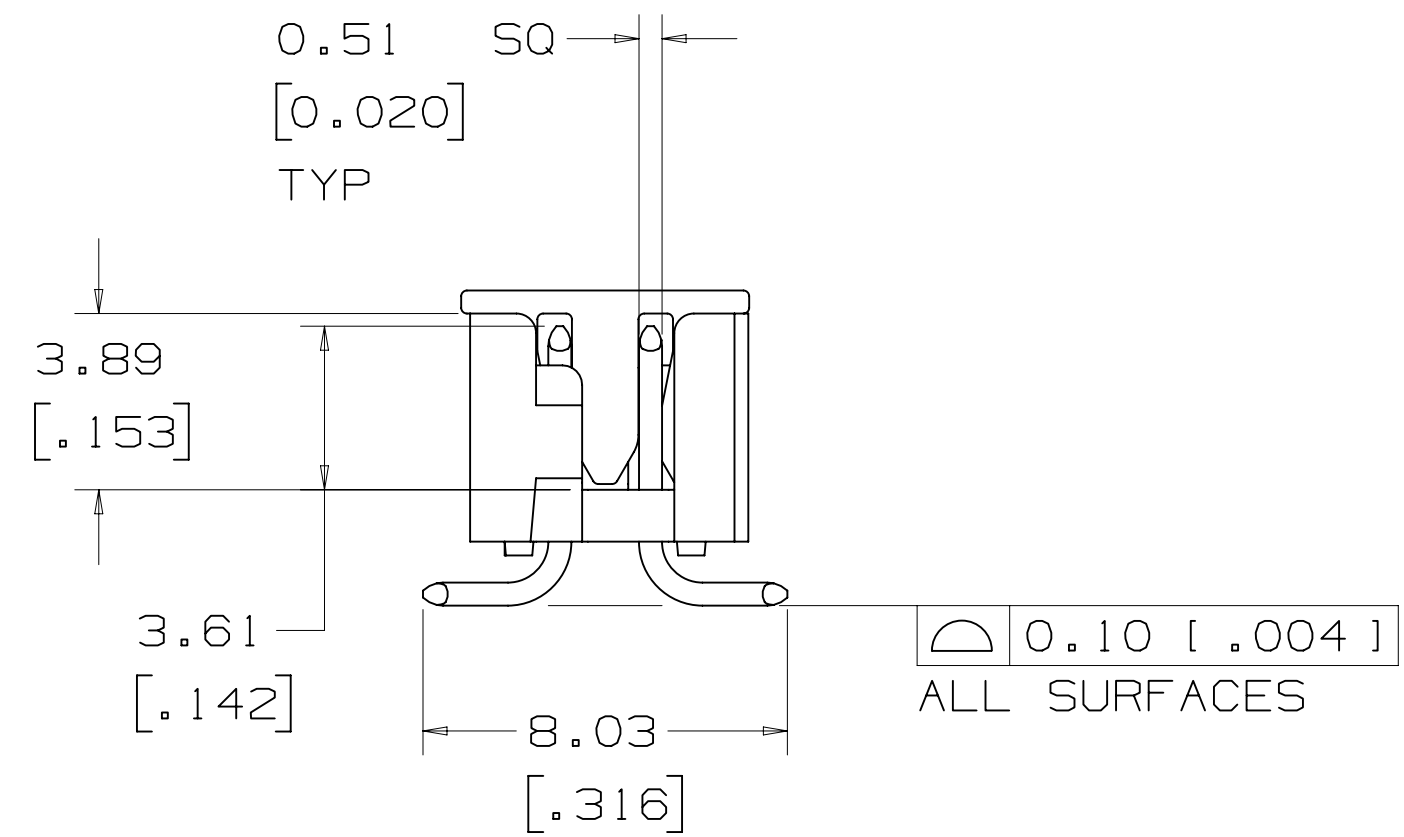
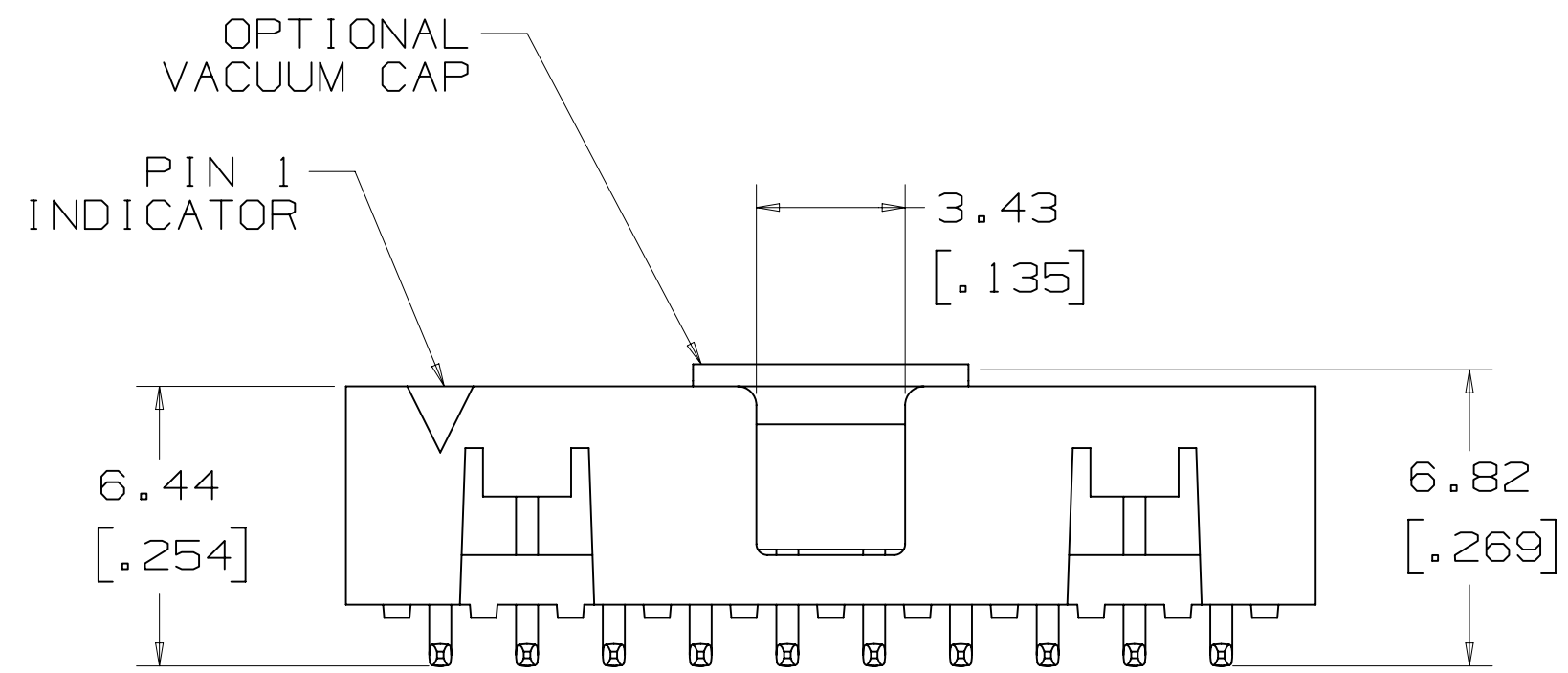
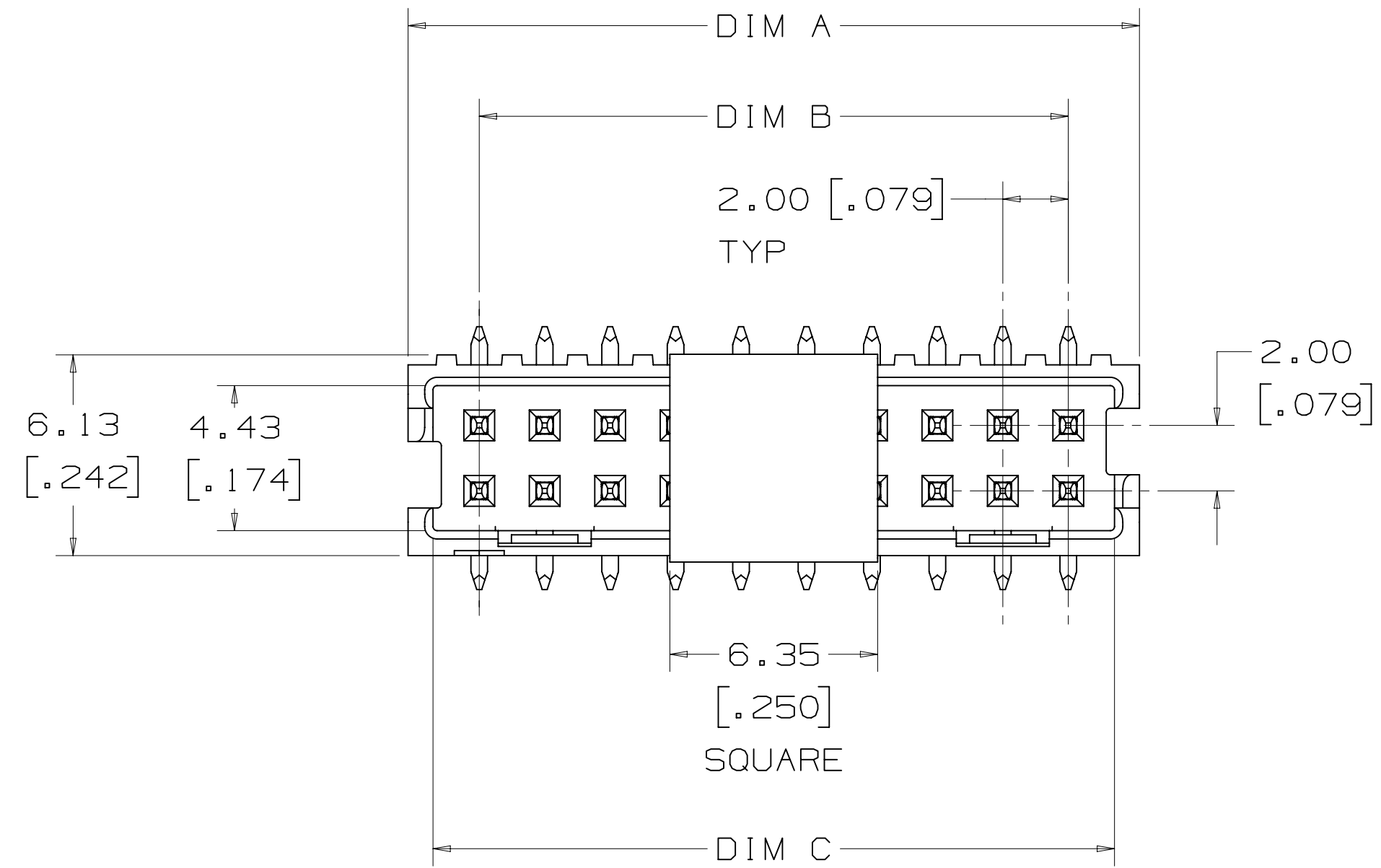
SINGLE FRICTION LATCH
RIGHT ANGLE HEADER
6-12 POSITIONS ONLY

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

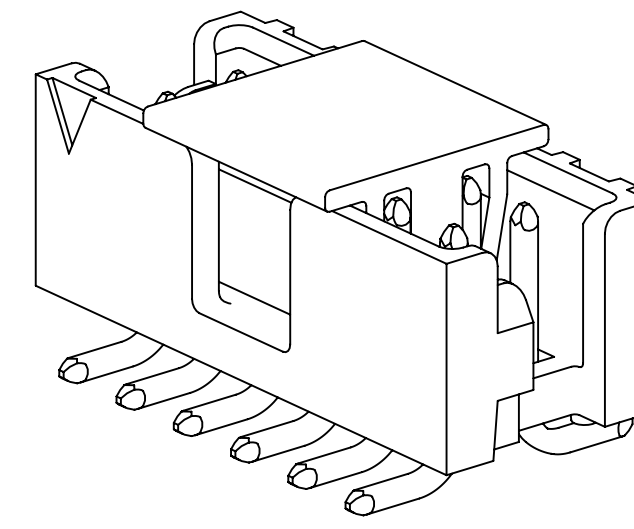
METRIC [ENGLISH]

A 30741				OCT 28, 2010				LDS		SF					
REV				ECO				INITIAL RELEASE				DRFT		CHKD	
DATE				L. SCHMIDT				DATE				29, 2010			
CHKD								DATE				APR 27, 2010			
DIVISION				DIVISION CODE				APPR				DATE			
DO NOT SCALE DRAWING				SCALE				TOLERANCES EXCEPT AS NOTED				DATE			
				4								AUG 09, 2010			
				1											
THIRD ANGLE PROJECTION				INCHES				© 3M COPYRIGHT 2010							
				.00 ±				3M Center				This document and the information it contains are			
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				.000 ±				MN 55144				distributed without 3M permission, or used or			
				.000 ±								disclosed other than for 3M authorized purposes.			
				.000 ±								All rights reserved.			
INTERPRET PER ASME Y14.5 - 1994				MILLIMETERS				TITLE				3M SHROUDED BOARD			
				.00 ±								MOUNT HEADER 2 MM X 2			
				.00 ±								MM PITCH 159 SERIES			
				.00 ±											
MAX SURFACE ROUGHNESS				.00 ±				CAGE NUMBER				SIZE			
125				.00 ±				DRAWING NO.				REV.			
ALL SURFACES				.000 ±				D				78-5100-2359-7			
MARKED ONLY				ANGLES ± 1°				MODEL				DET.			
												LISTS			
												YES			
												NO			
												SHT 2 OF 4			

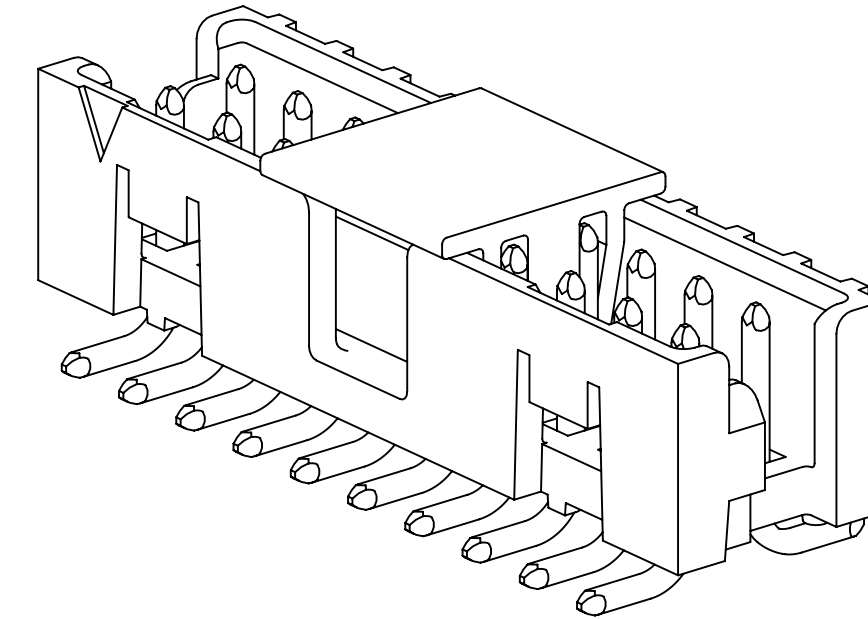
3M™ Shrouded Board Mount Header 2 mm X 2 mm Pitch 159 Series, Standard Length 3 and Extended Length 4



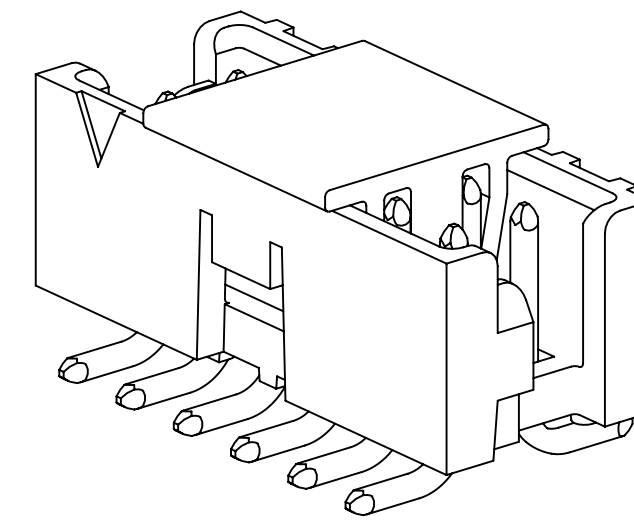
RECOMMENDED PCB PAD PATTERN
TOLERANCE = ± 0.08 [.003]



POLARIZATION SLOT
SURFACE MOUNT HEADER
6-12 POSITIONS ONLY



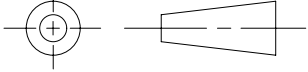
POLARIZATION SLOT AND
DUAL FRICTION LATCHES
SURFACE MOUNT HEADER
14-50 POSITIONS



SINGLE FRICTION LATCH
SURFACE MOUNT HEADER
6-12 POSITIONS ONLY

REFERENCE TABLE ON SHEET 4
FOR AVAILABLE POSITIONS

METRIC [ENGLISH]

										A	30741	OCT 28, 2010				LDS	SF																				
										INITIAL RELEASE																											
DESIGN REFERENCE										NEXT ASSEMBLY										REV	ECO	ISSUE DATE AND DESCRIPTION				DRFT	CHKD										
DESIGNER/CNCL CODES																				DRFT	L. SCHMIDT	DATE		JUL 29, 2010	INFO		DATE										
																				CHKD		DATE			APPROV. S FELDMAN		DATE AUG 09, 2010										
DIVISION										DIVISION CODE										© 3M COPYRIGHT 2010																	
DO NOT SCALE DRAWING										SCALE 4 1										TOLERANCES EXCEPT AS NOTED										3M Center St. Paul, MN 55144				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.			
										INCHES .01 ± .00 ± .000 ± .0000 ±										TITLE																	
THIRD ANGLE PROJECTION										MILLIMETERS .01 ± .00 ± .00 ± .013 ± .000 ±										3M SHROUDED BOARD MOUNT HEADER 2 MM X 2 MM PITCH 159 SERIES																	
INTERPRET PER ASME Y14.5 - 1994																				CAGE NUMBER				SIZE				DRAWING NO.				REV.					
MAX SURFACE ROUGHNESS 125 μ ALL SURFACES										✓ MARKED ONLY										D				78-5100-2359-7				A									
										ANGLES ± 1 °										MODEL				DET. LISTS				YES ☐ NO ☒				SHT 3 OF 4					



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

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- 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.);

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- 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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