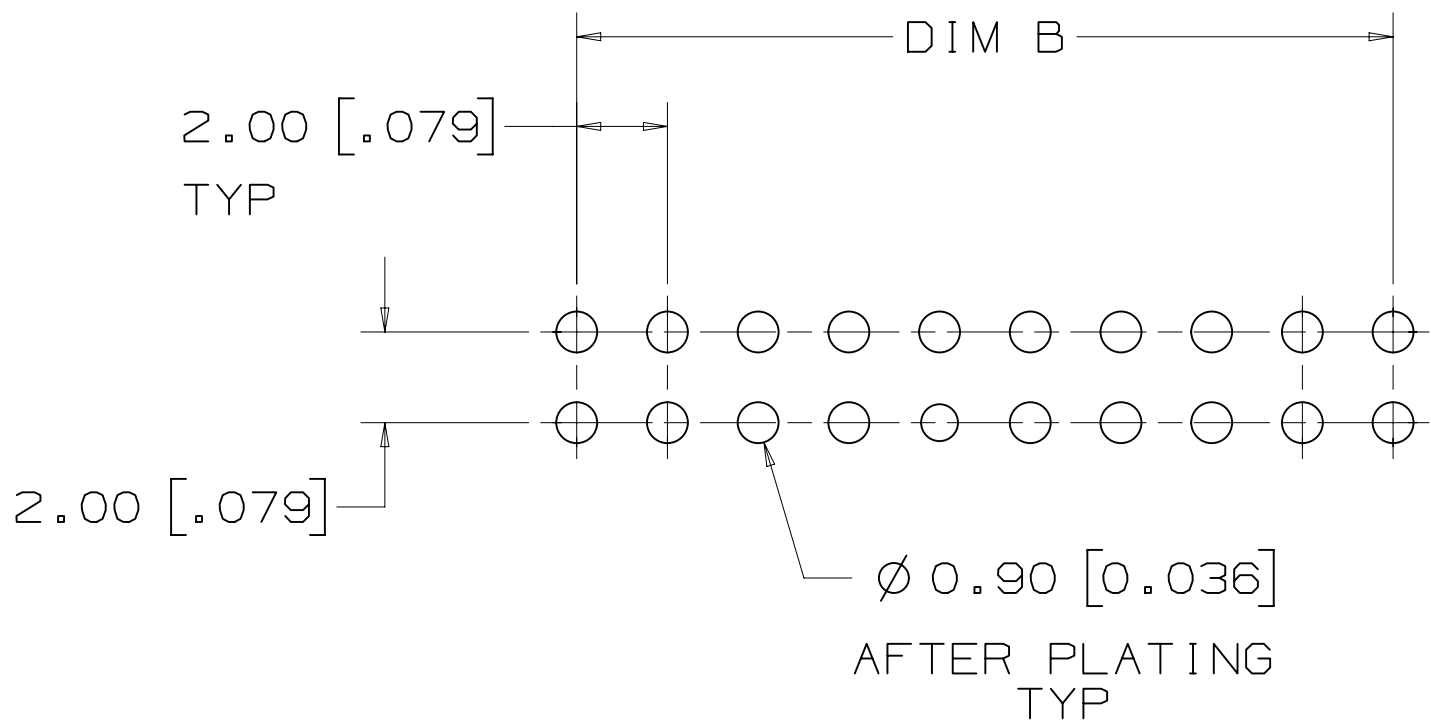
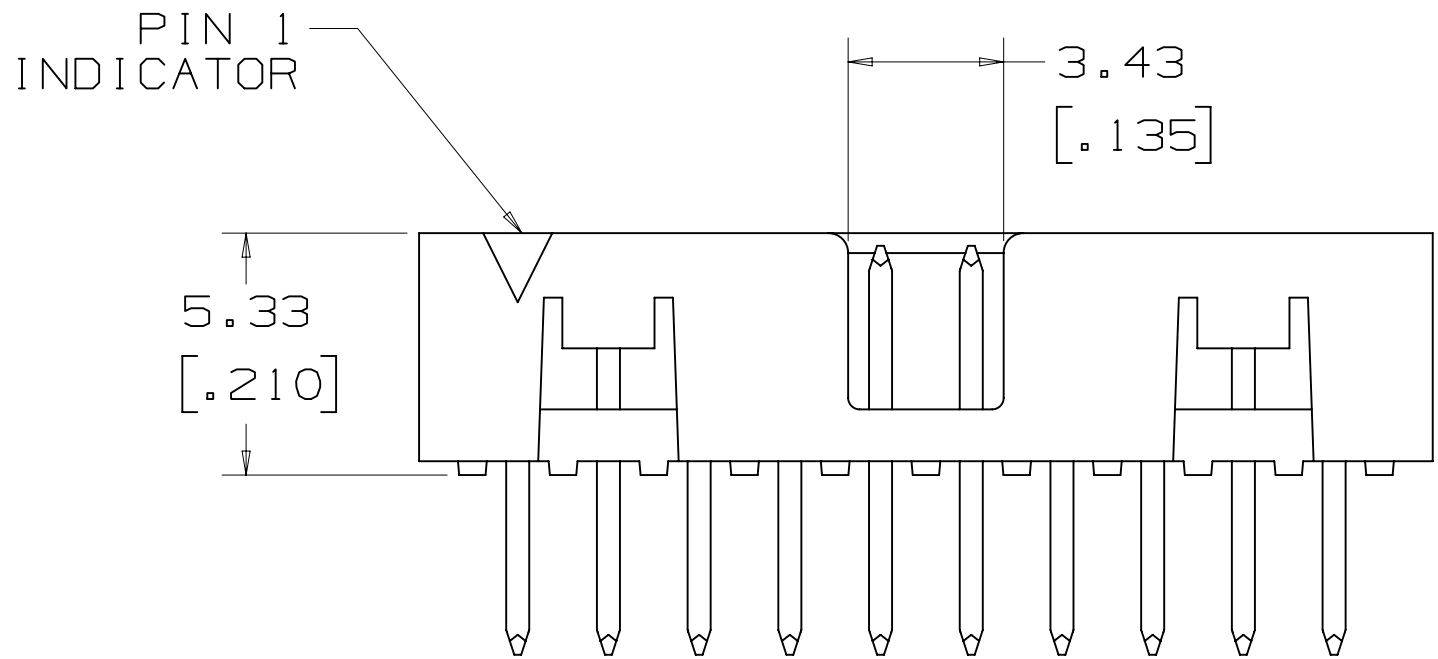
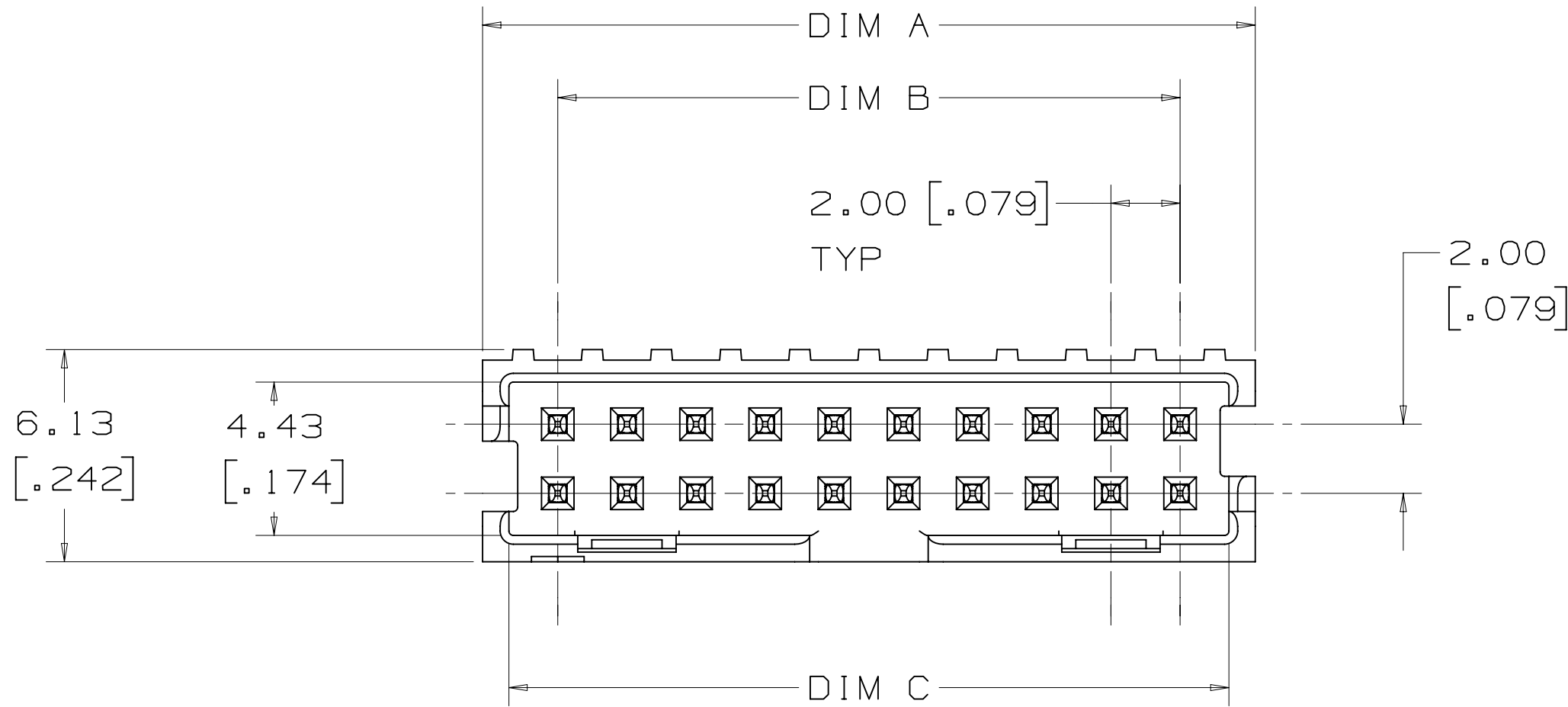
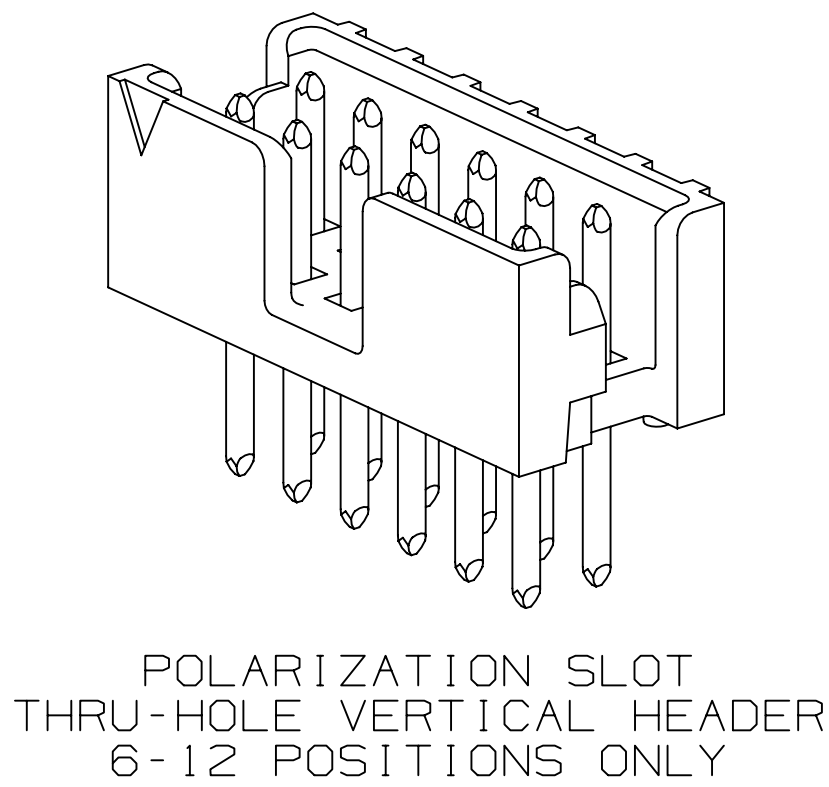


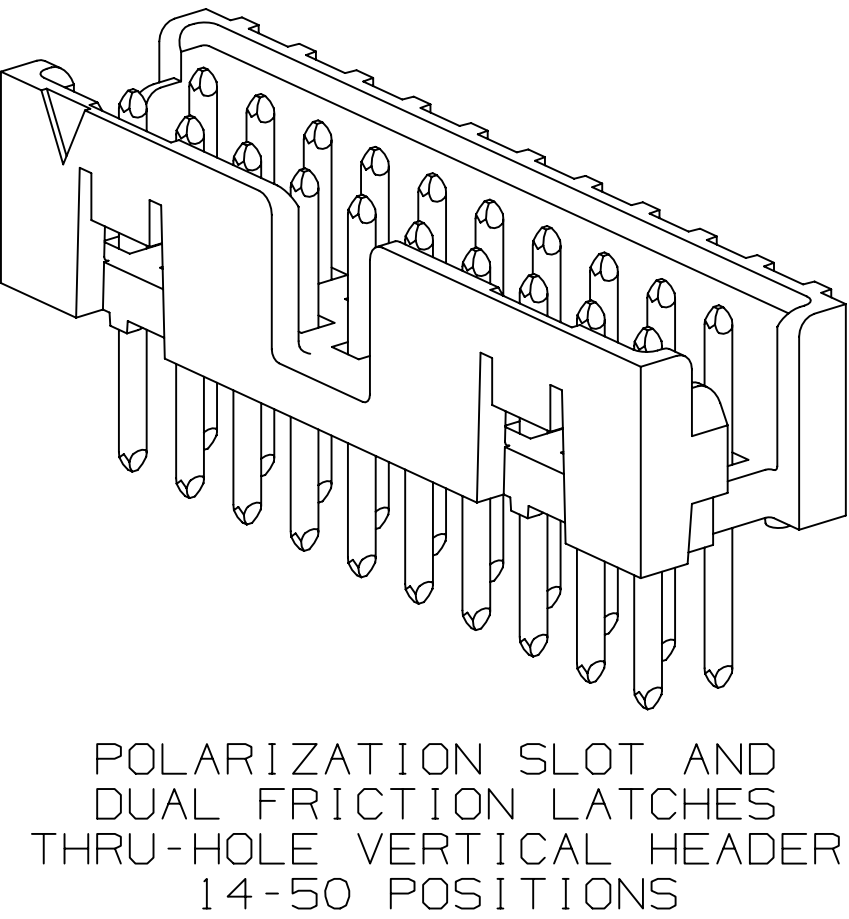
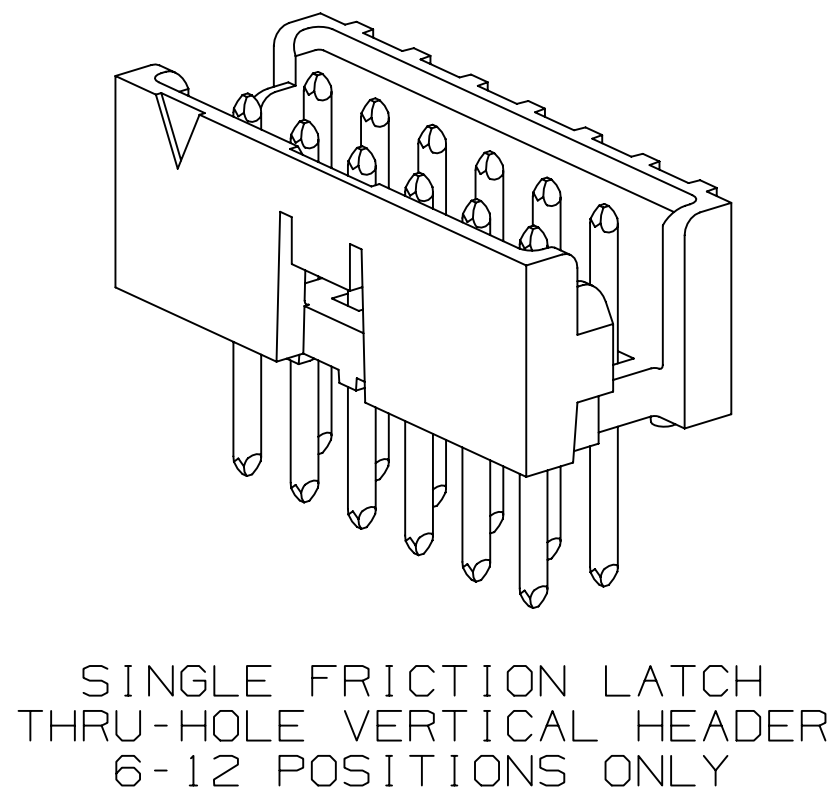
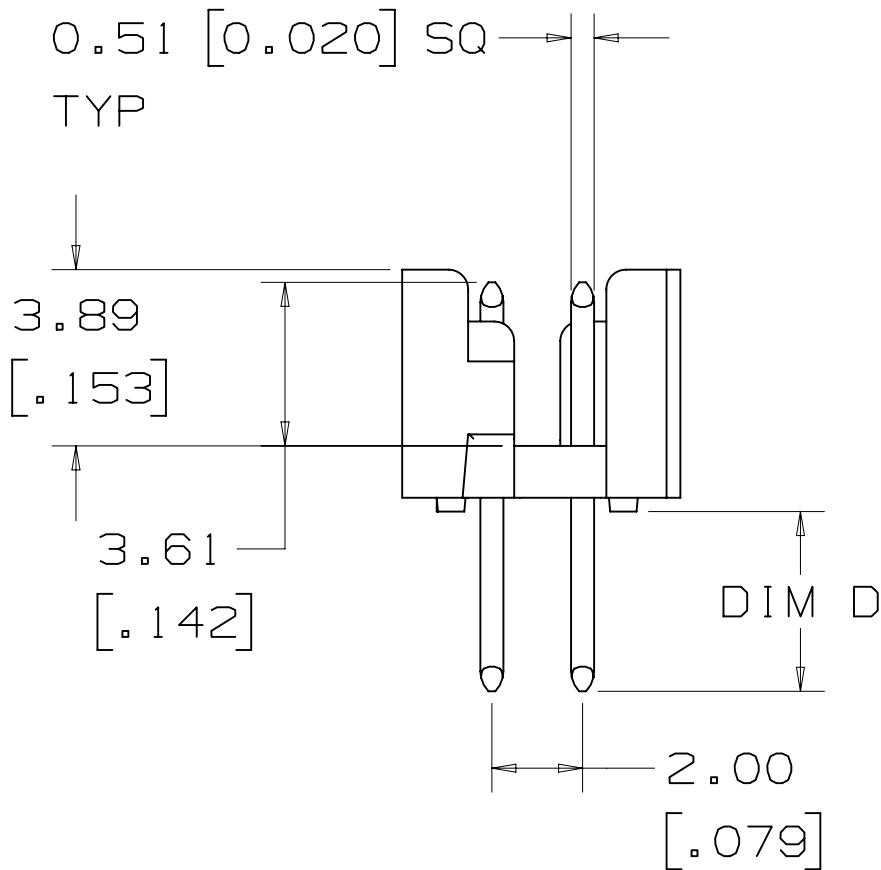
3M™ Shrouded Board Mount Header 2 mm X 2 mm Pitch 159 Series, Standard Length [3] and Extended Length [4]



RECOMMENDED PCB HOLE PATTERN
TOLERANCE = 0.05 [.002]



2.00
[.079]



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

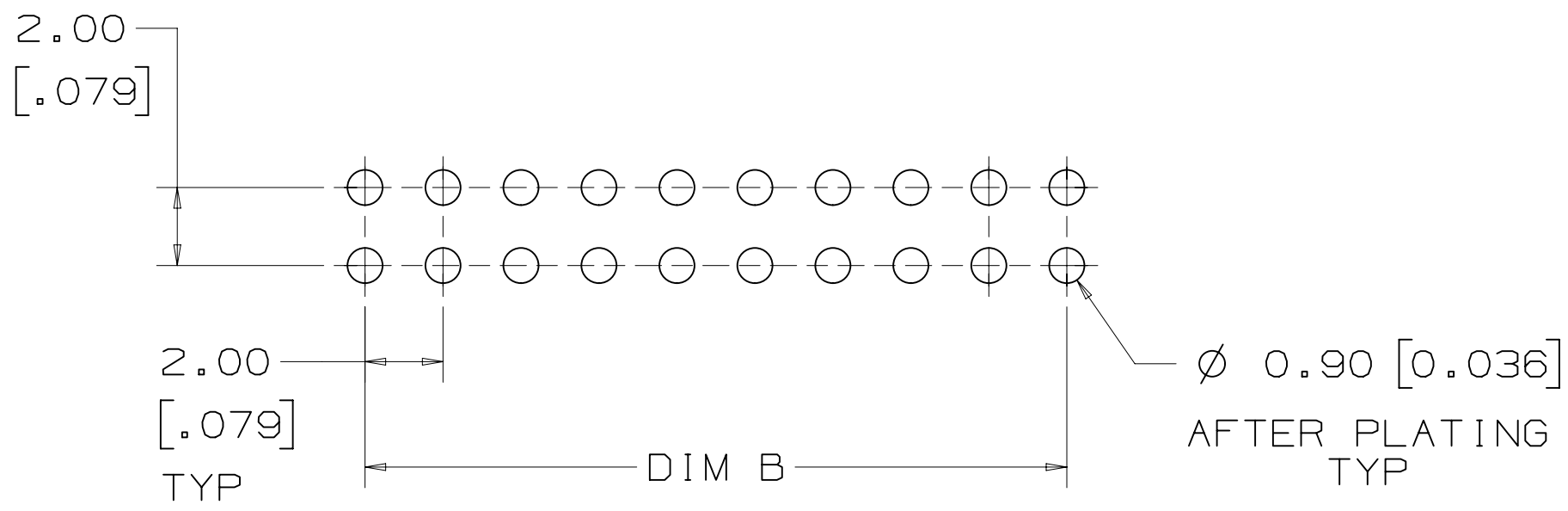
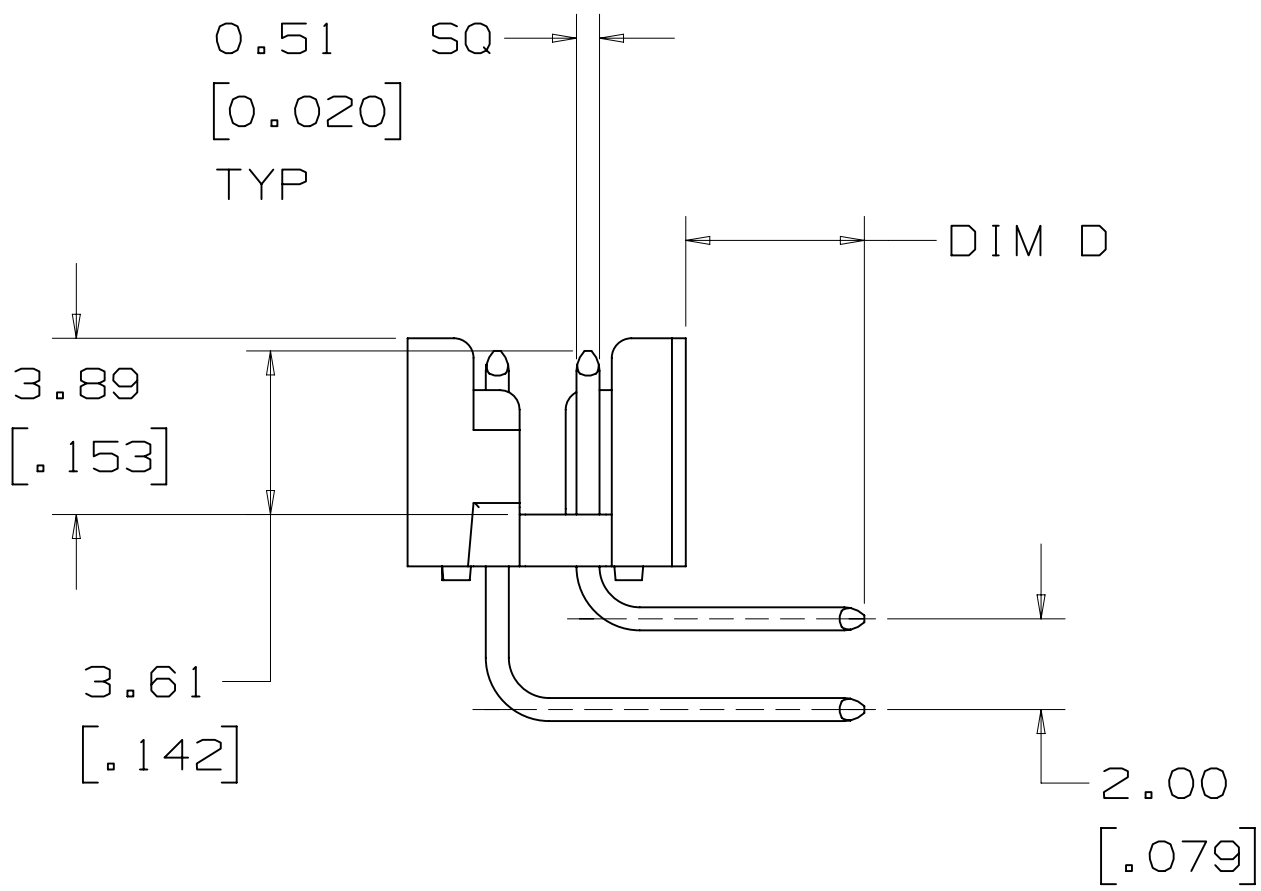
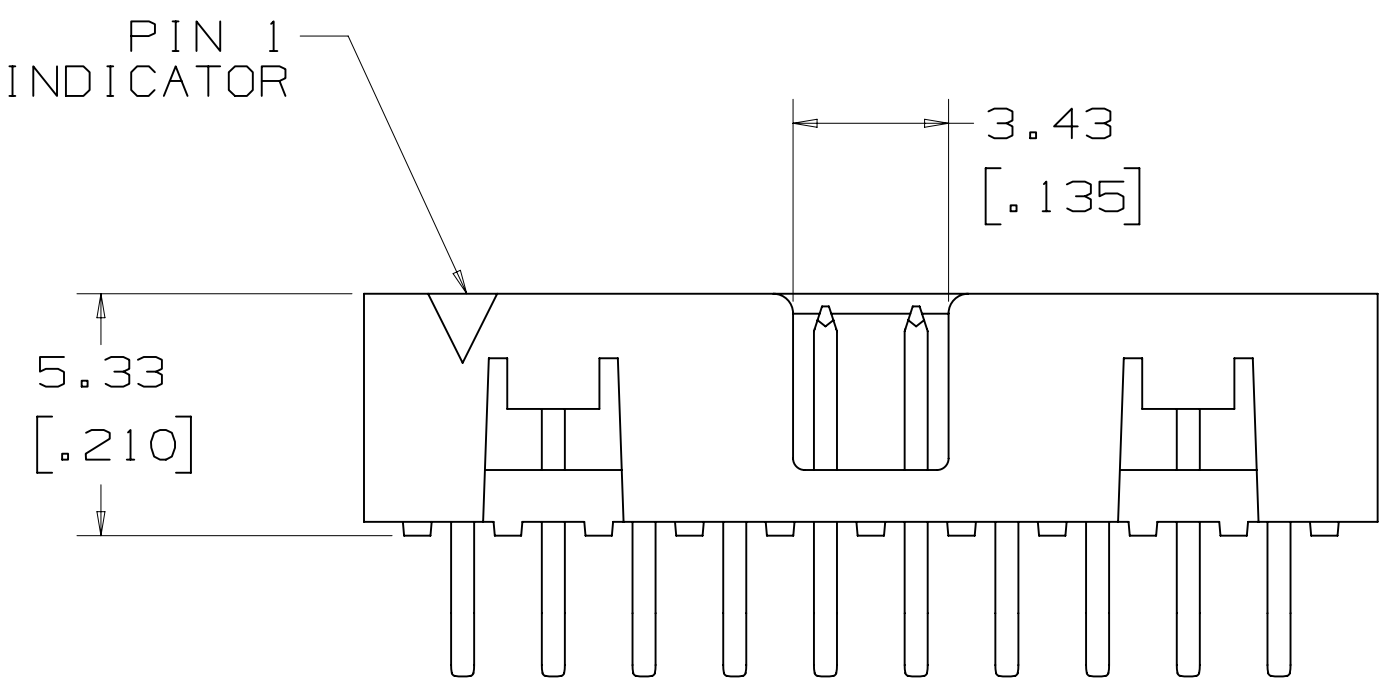
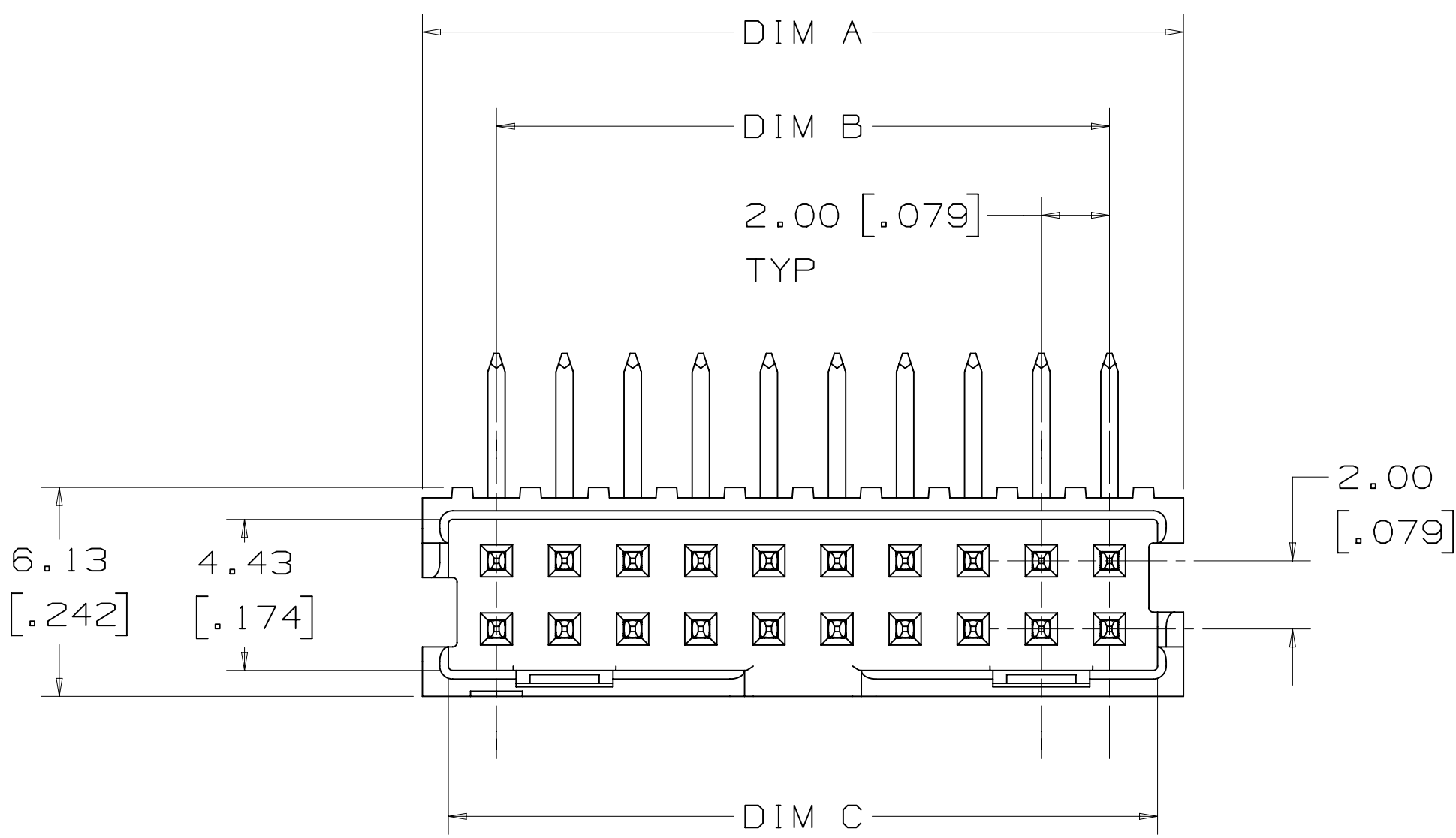
REFERENCE TABLE ON SHEET 4
FOR AVAILABLE POSITIONS AND
SOLDER TAIL LENGTHS

METRIC [ENGLISH]

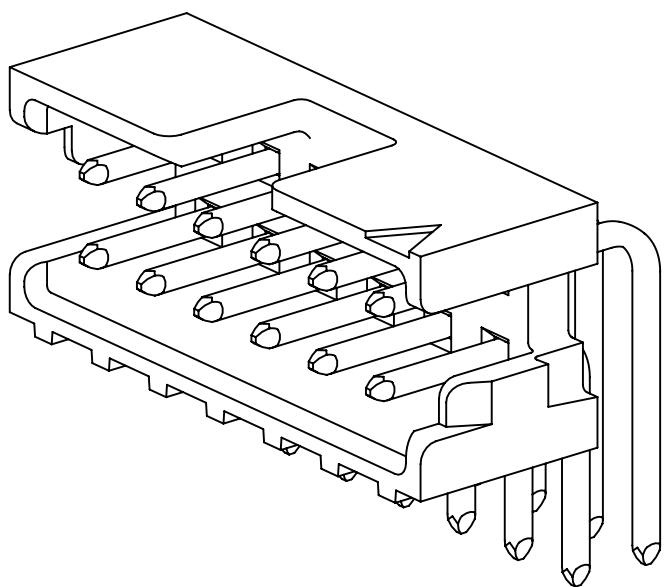
- NOTES
- MATERIAL:
BODY: HIGH TEMPERATURE
GLASS FILLED LCP, BLACK
UL94V-0
CONTACTS: COPPER ALLOY
 - PLATING:
2.03-3.81 μm [80-150 μin]
NICKEL UNDERPLATE.
0.38 μm [15 μin] OR
0.76 μm [30 μin] AVG GOLD
ON WIPING AREA.
5.08 μm [200 μin] MIN
MATTE TIN ON SOLDER TAILS.
 - STANDARD LENGTH HEADERS
MATE WITH 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	
DIST. PART CODES				DRFT L. SCHMIDT				DATE JUL 29, 2010		MFG	
				CHKD				DATE		APPR S FELDMAN	
										DATE AUG 09, 2010	
DIVISION				DIVISION CODE				© 3M COPYRIGHT 2010			
DO NOT SCALE DRAWING				SCALE 6-1				3M Center St. Paul, MN 55144			
				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				TITLE			
THIRD ANGLE PROJECTION				THIRD ANGLE PROJECTION				3M SHROUDED BOARD MOUNT HEADER 2 MM X 2 MM PITCH 159 SERIES			
INTERPRET PER ASME Y14.5 - 1994				MILLIMETERS				CAGE NUMBER			
MAX SURFACE ROUGHNESS 125				.00 ± .013				SIZE DRAWING NO.			
ALL SURFACES MARKED ONLY				.000 ± .000				D 78-5100-2359-7			
				ANGLES ± 1°				REV. A			
								DET. LISTS			
								YES X NO			
								SHT 1 OF			

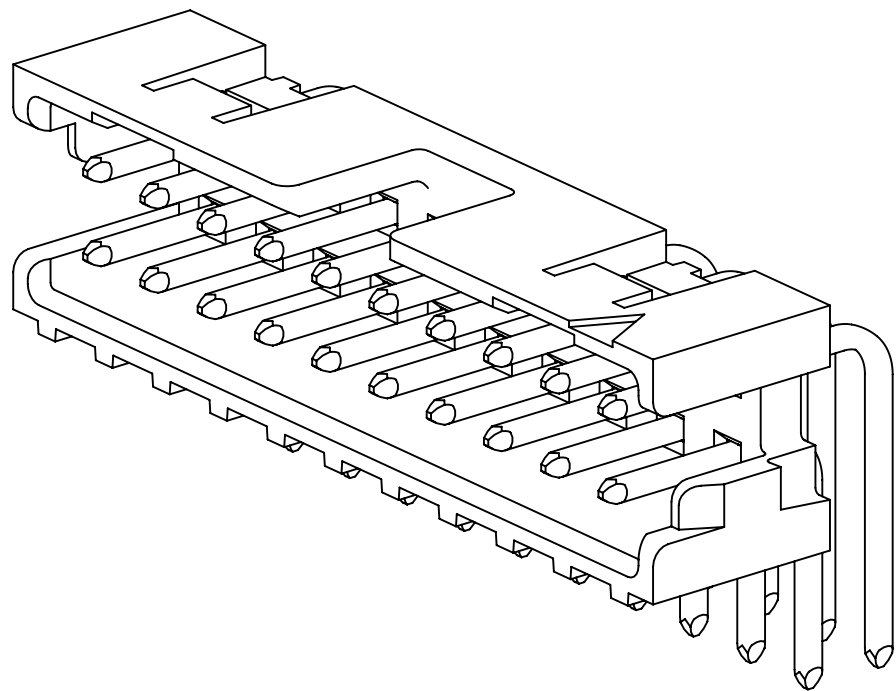
3M™ Shrouded Board Mount Header 2 mm X 2 mm Pitch 159 Series, Standard Length [3] and Extended Length [4]



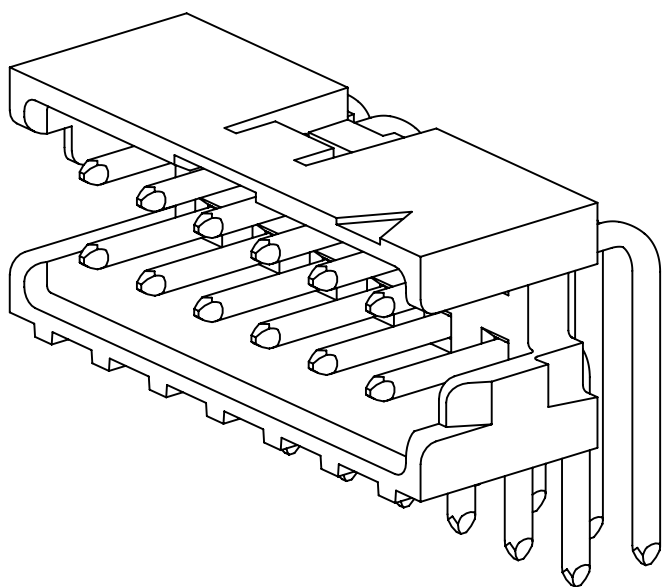
RECOMMENDED PCB HOLE PATTERN
TOLERANCE = ±0.05 [.002]



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

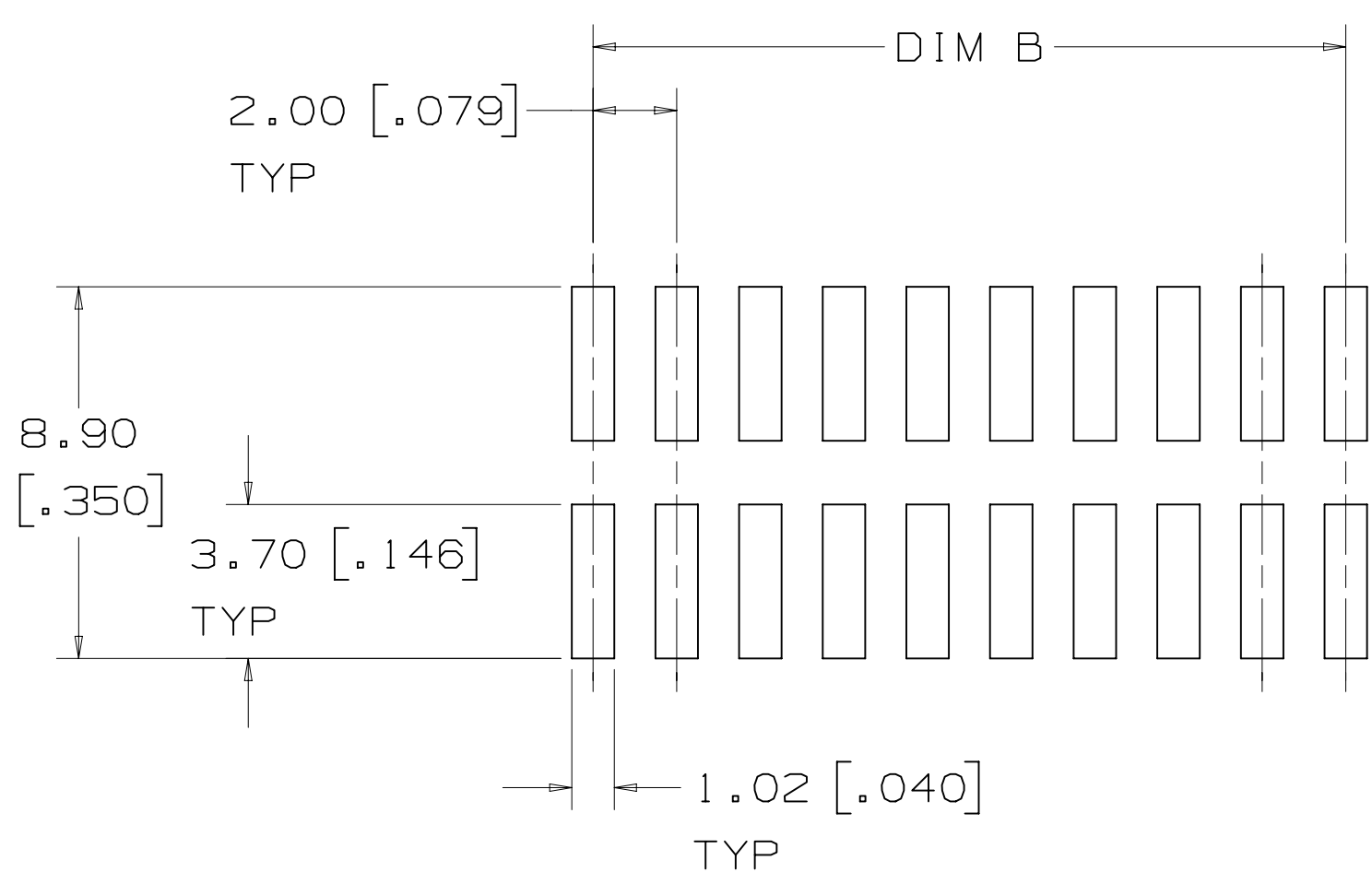
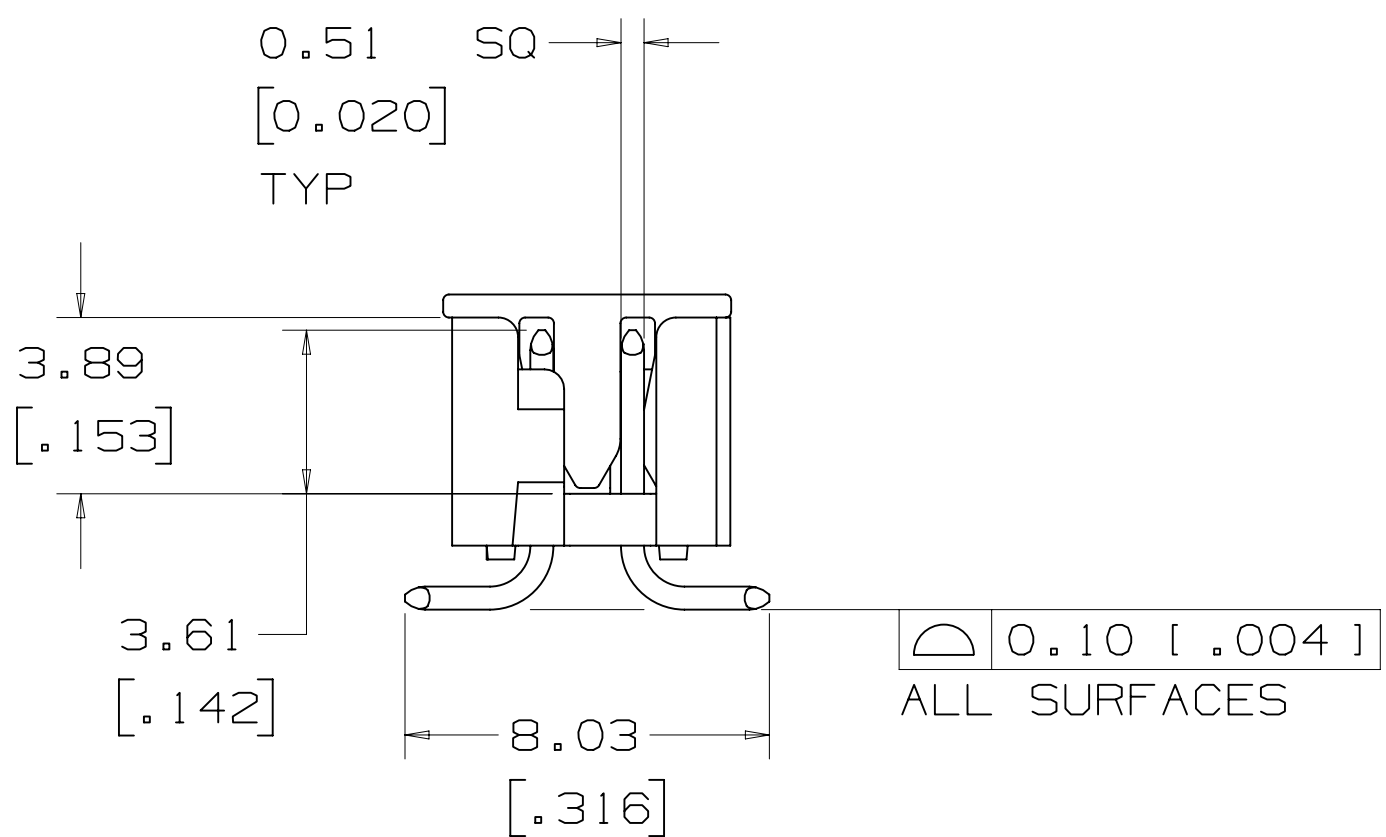
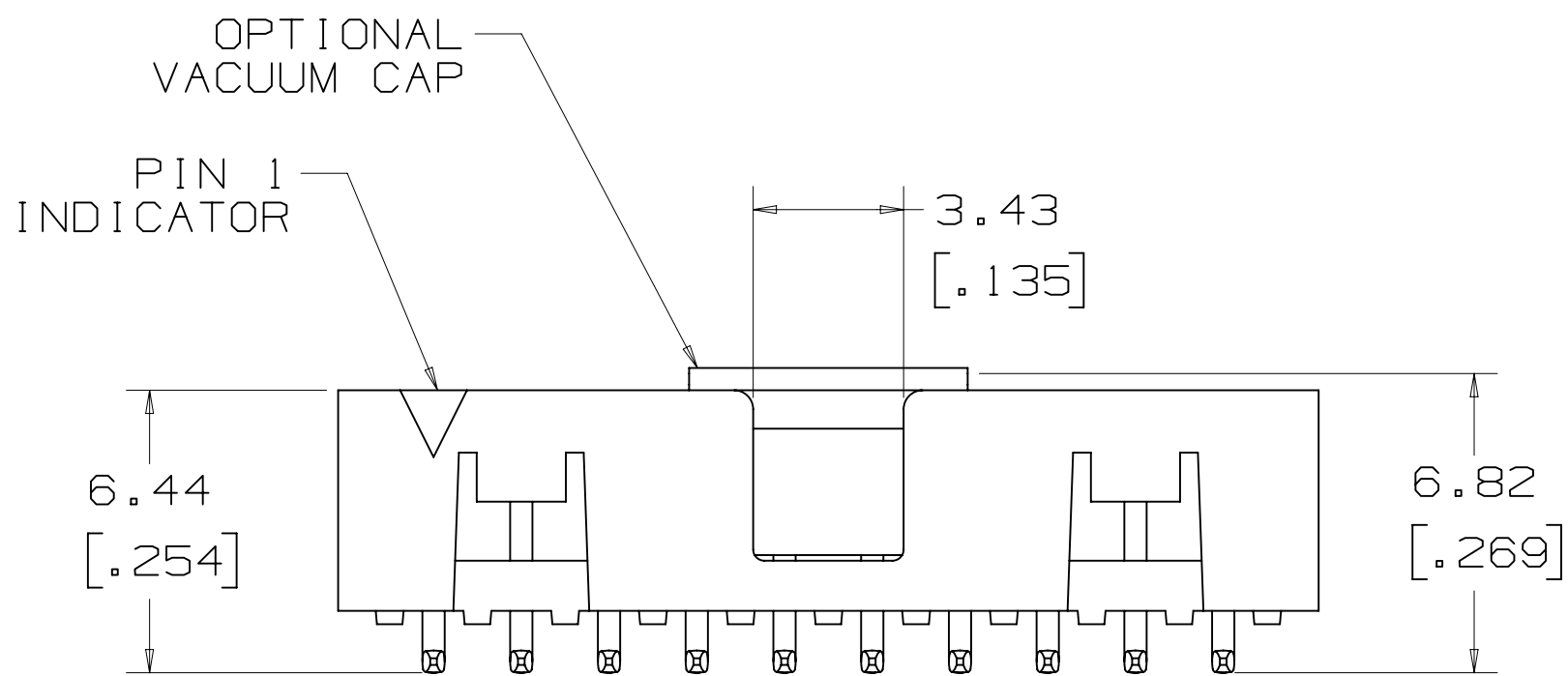
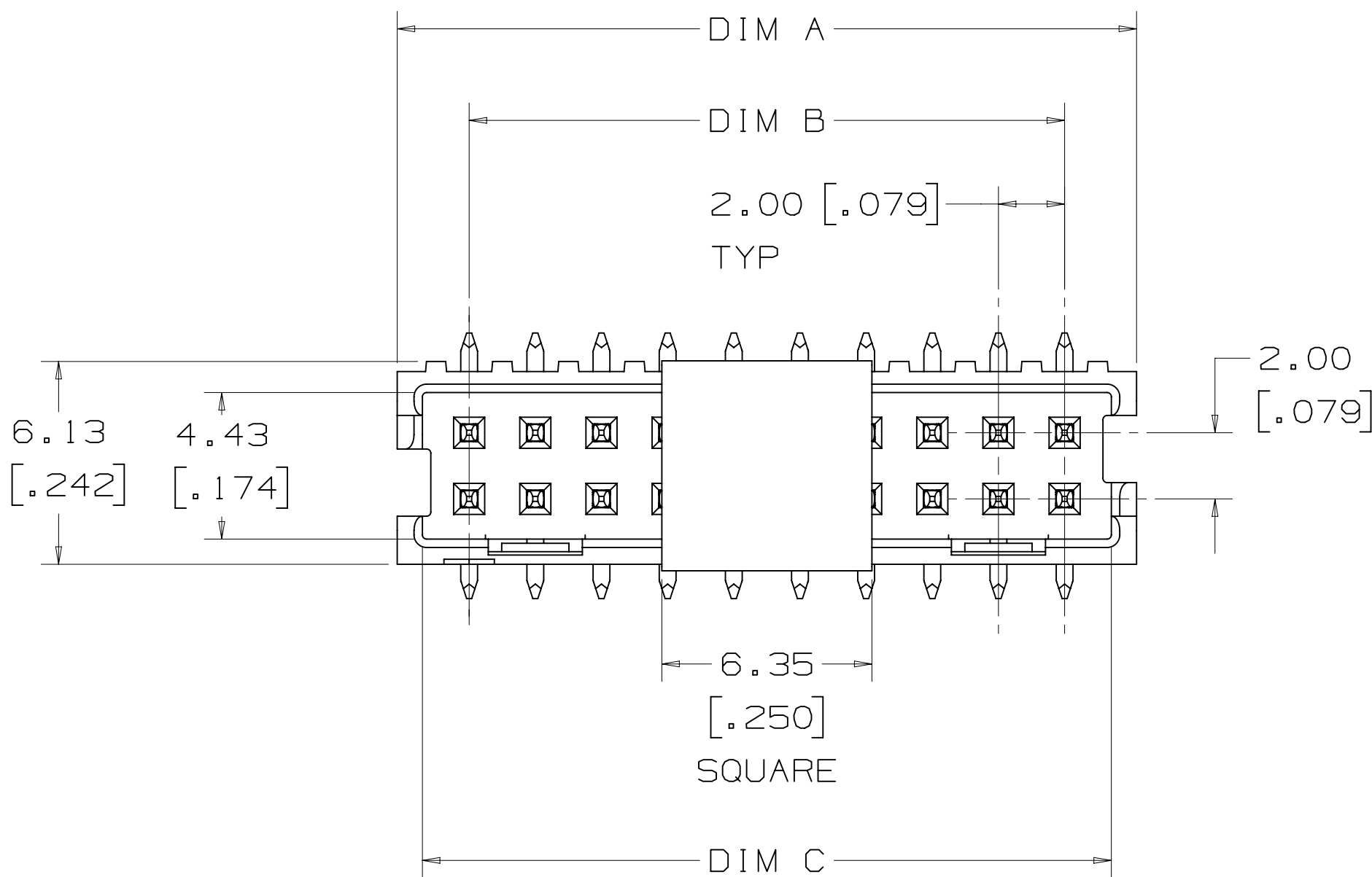
REFERENCE TABLE ON SHEET 4
FOR AVAILABLE POSITIONS AND
SOLDER TAIL LENGTHS

METRIC [ENGLISH]

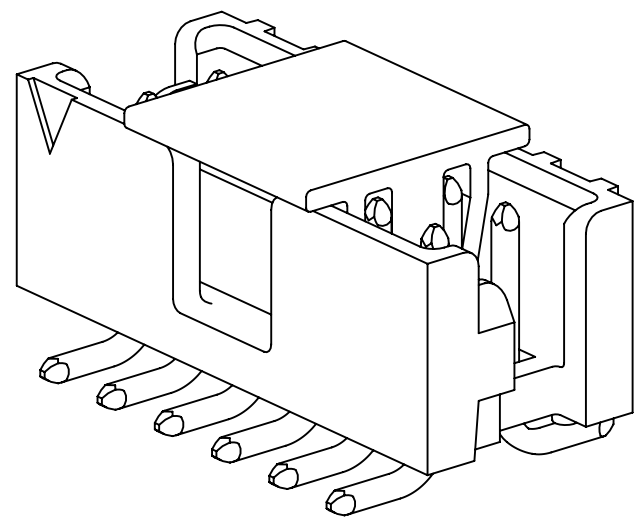
DESIGN REFERENCE		NEXT ASSEMBLY		REV	ECO	ISSUE DATE AND DESCRIPTION		DRFT	CHKD
DISTANCE		DISTANCE		L. SCHMIDT		DATE	DATE		
DIVISION		DIVISION CODE		CHKD		DATE	DATE		
DO NOT SCALE DRAWING		SCALE 4 1		TOLERANCES EXCEPT AS NOTED		INCHES		MILLIMETERS	
THIRD ANGLE PROJECTION		INTERPRET PER ASME Y14.5 - 1994		MAX SURFACE ROUGHNESS		CAGE NUMBER		DRAWING NO.	
125		ALL SURFACES MARKED ONLY		.000 ±		D 78-5100-2359-7		A	
				ANGLES ±1°		MODEL		SHT 2 OF 4	

A	30741	OCT 28, 2010	LDS	SF
INITIAL RELEASE				
REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
L. SCHMIDT		DATE	DATE	DATE
CHKD		DATE	DATE	DATE
© 3M COPYR[IGHT] 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.	
D		78-5100-2359-7	A	
DET	LISTS	YES	NO	SHT 2 OF 4

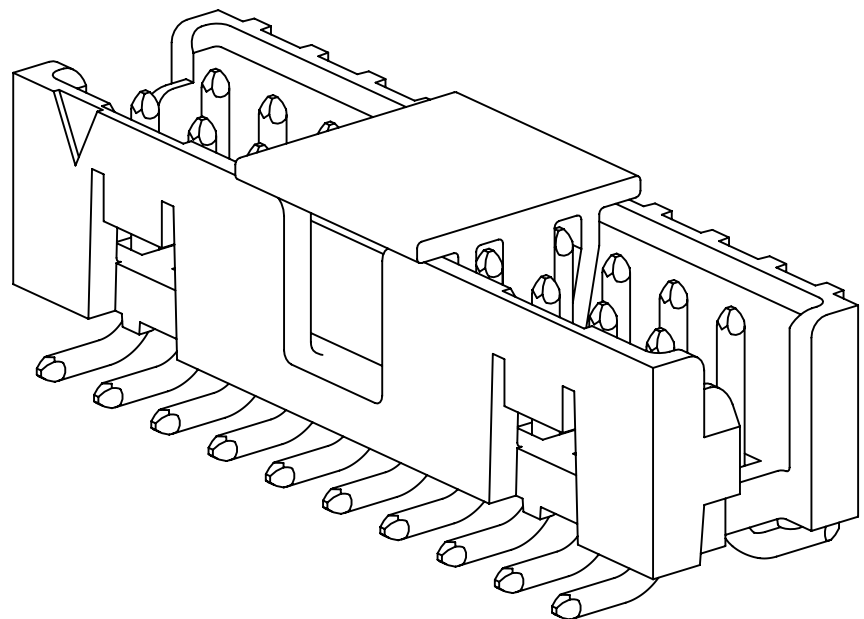
3M™ Shrouded Board Mount Header 2 mm X 2 mm Pitch 159 Series, Standard Length [3] and Extended Length [4]



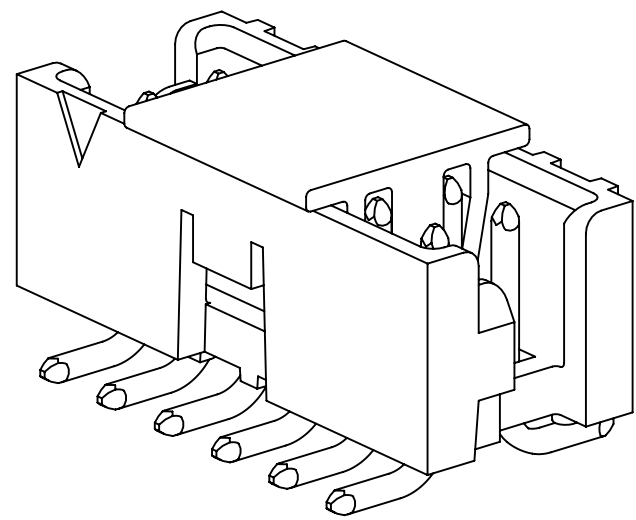
RECOMMENDED PCB PAD PATTERN
TOLERANCE = ±0.08 [0.003]



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					
REV				ECO				INITIAL RELEASE				DRFT		CHKD	
DATE				L. SCHMIDT				DATE				29, 2010			
CHKD								DATE				APR 15, 2010			
								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			
DRAWING				INCHES				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.							
THIRD ANGLE PROJECTION				MILLIMETERS				TITLE							
INTERPRET PER ASME Y14.5 - 1994				MAX SURFACE ROUGHNESS				3M SHROUDED BOARD MOUNT HEADER 2 MM X 2 MM PITCH 159 SERIES							
125				ALL SURFACES MARKED ONLY				CAGE NUMBER				SIZE			
125				0.00 ± 0.13				DRAWING NO.				REV.			
125				0.00 ± 0.00				D 78-5100-2359-7 A							
125				0.00 ± 0.00				MODEL				DET. LISTS			
125				0.00 ± 0.00								YES X NO			
125				0.00 ± 0.00								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

Телефон: 8 (812) 309 58 32 (многоканальный)

Факс: 8 (812) 320-02-42

Электронная почта: org@eplast1.ru

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.