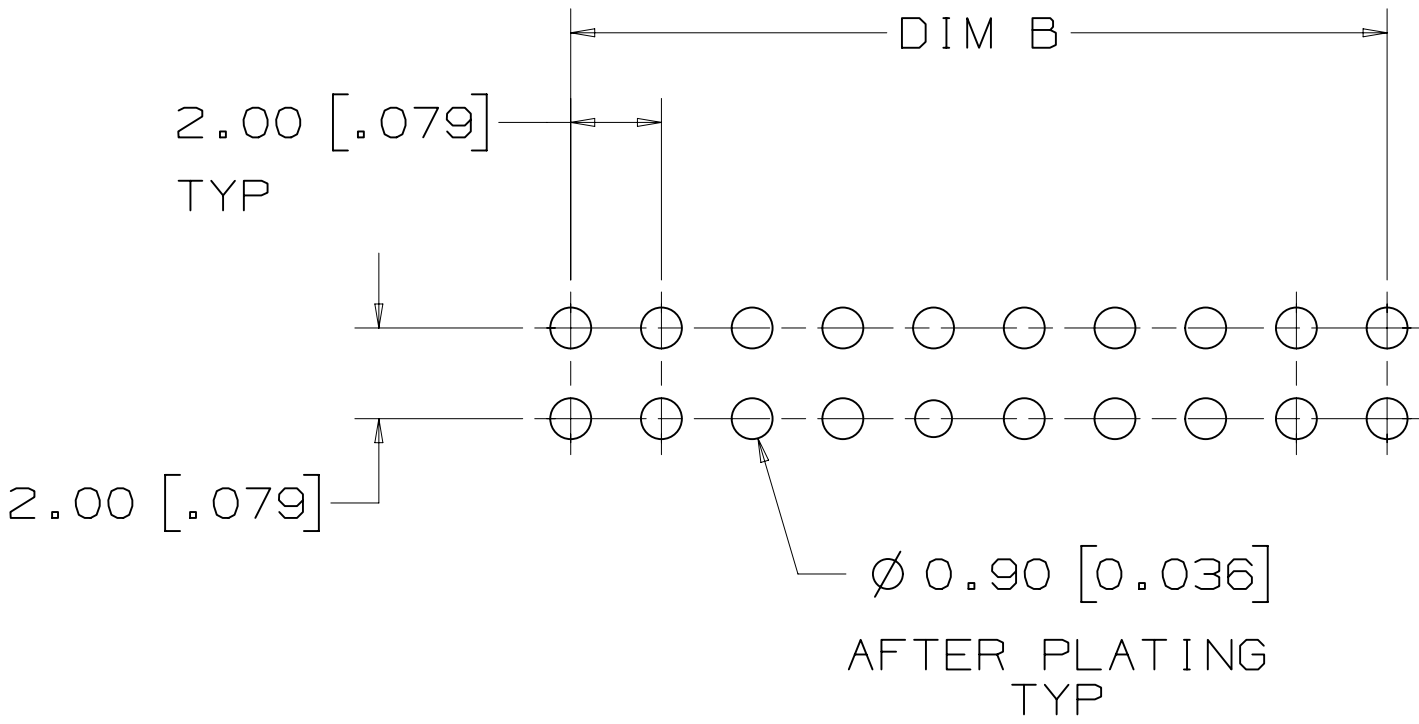
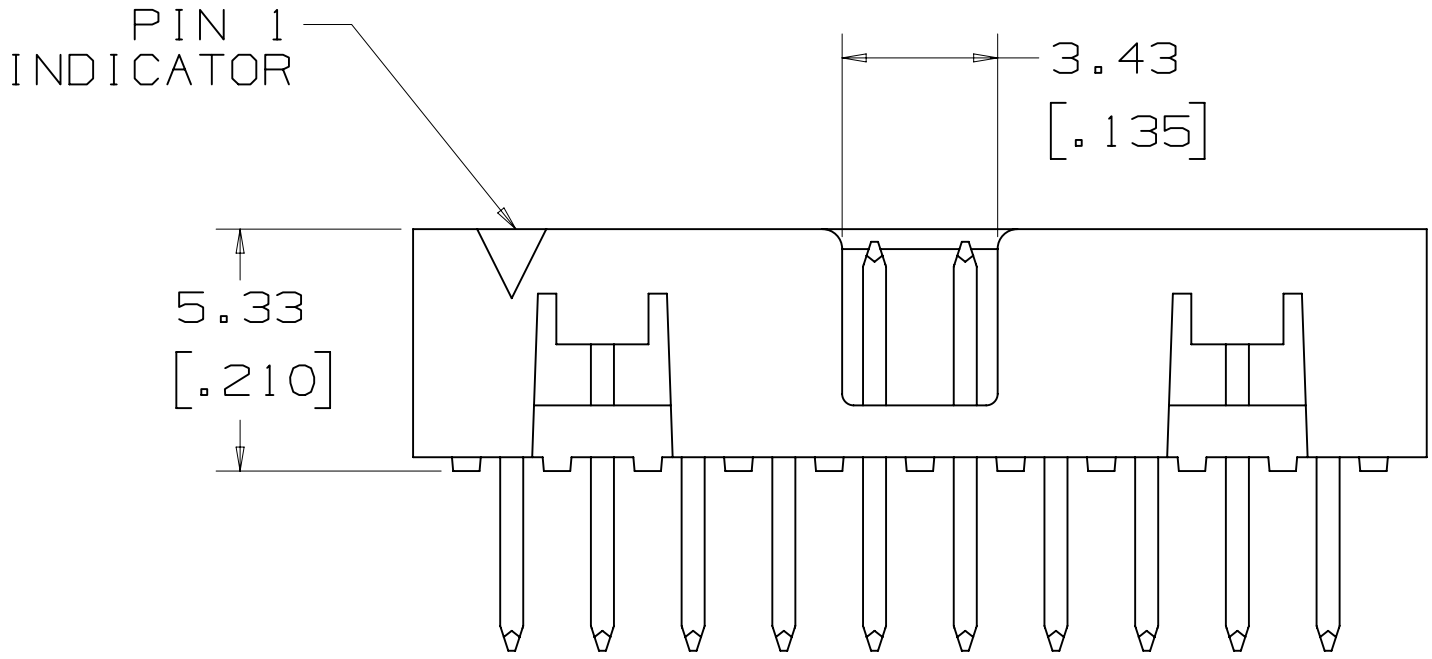
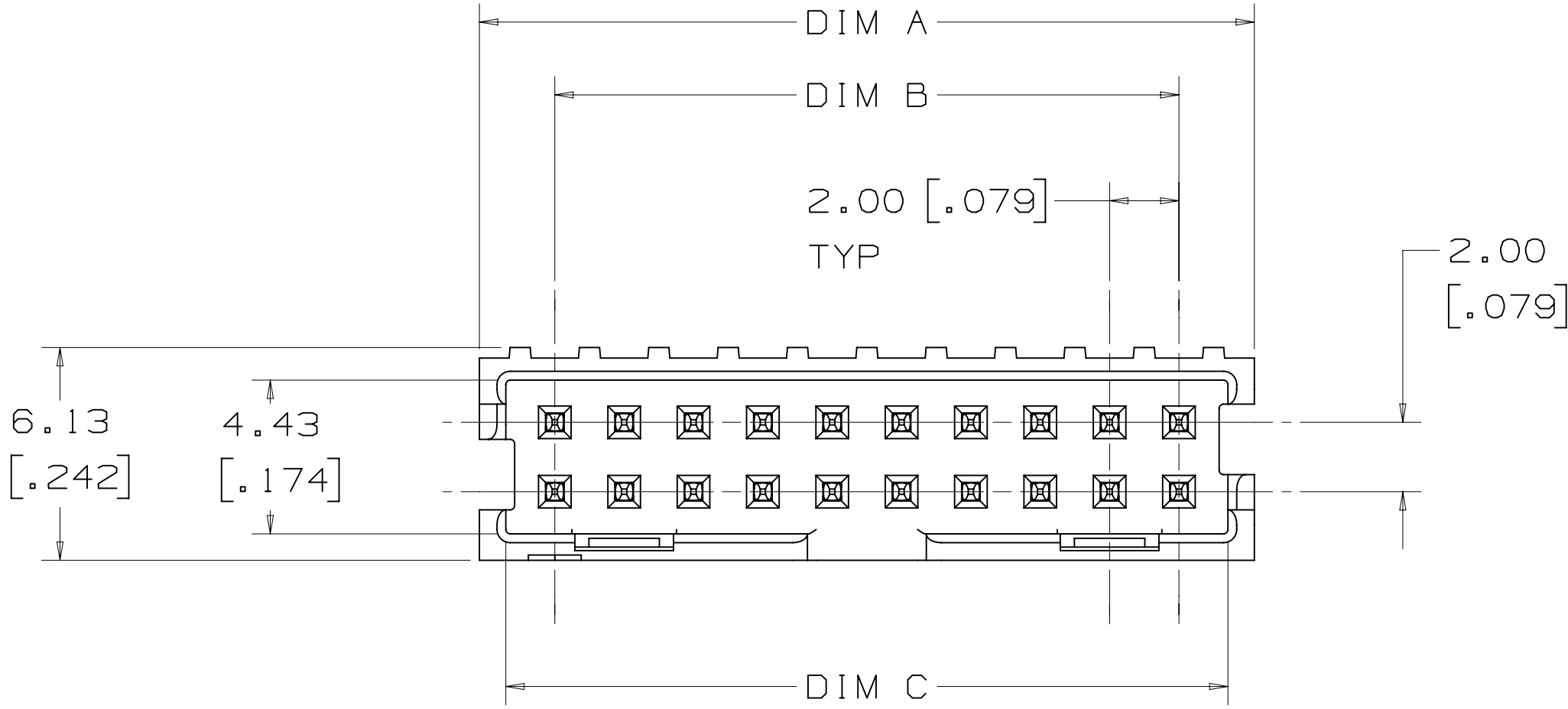
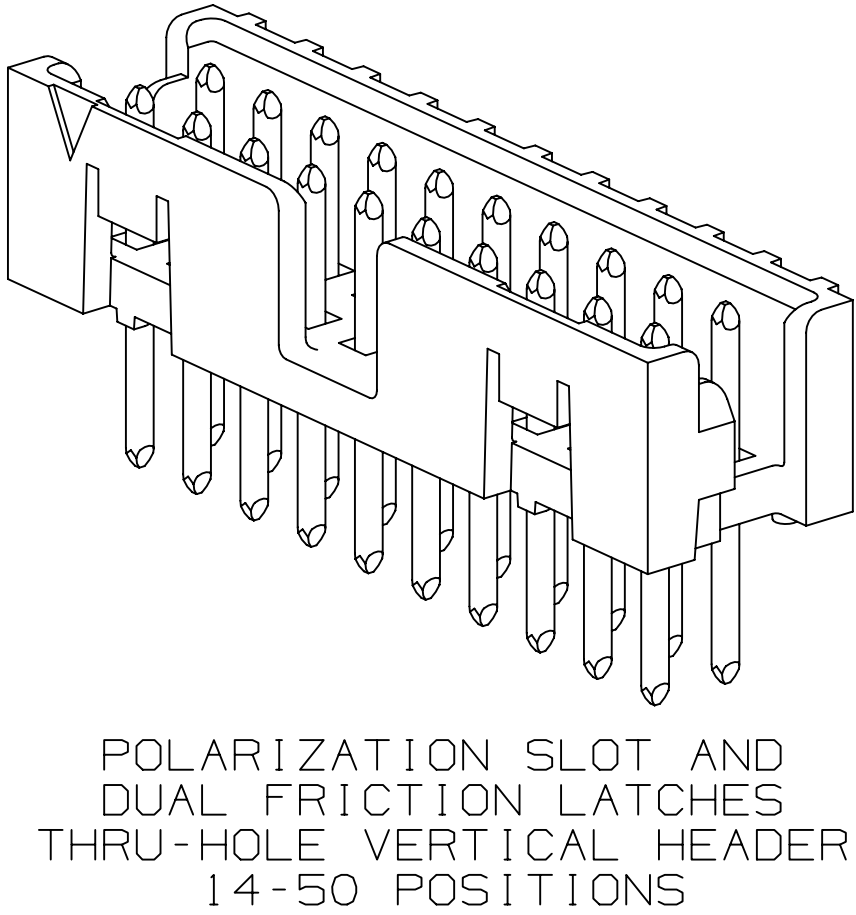
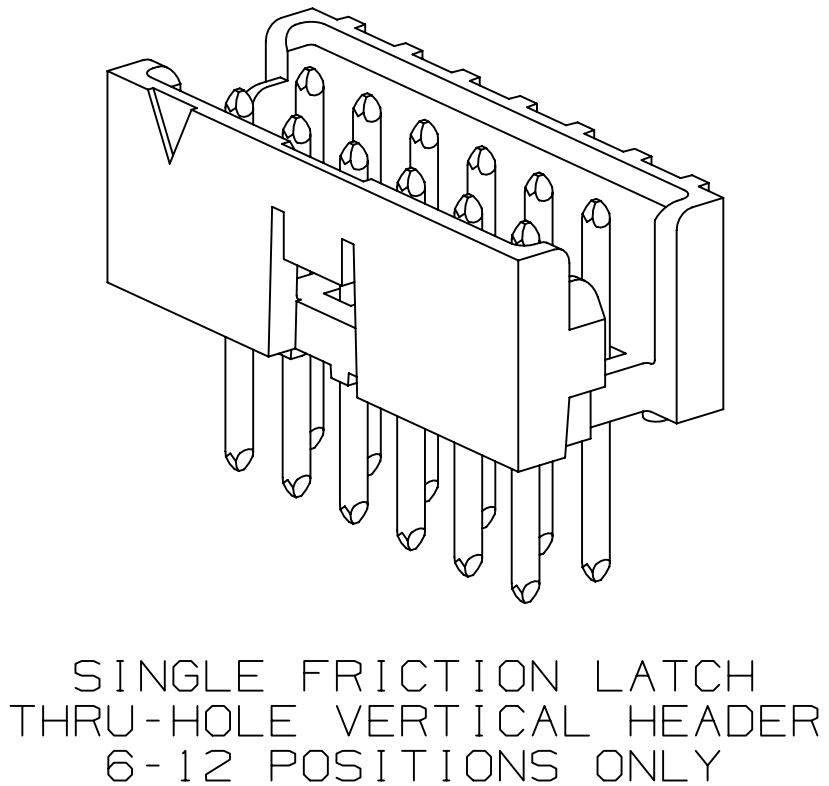
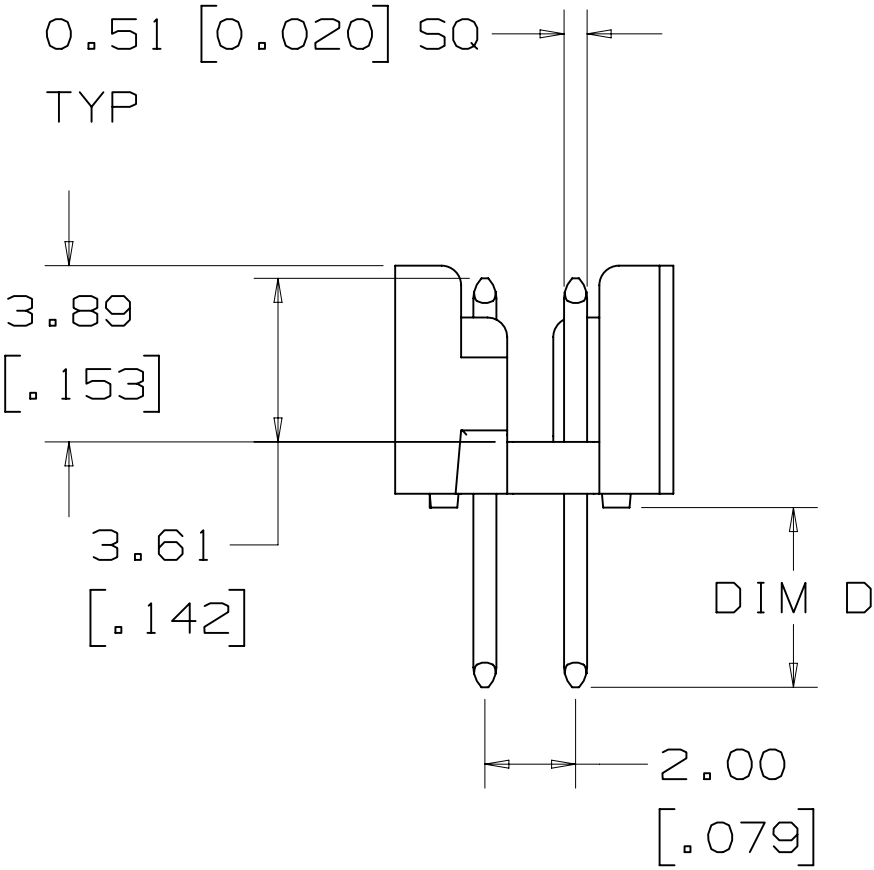
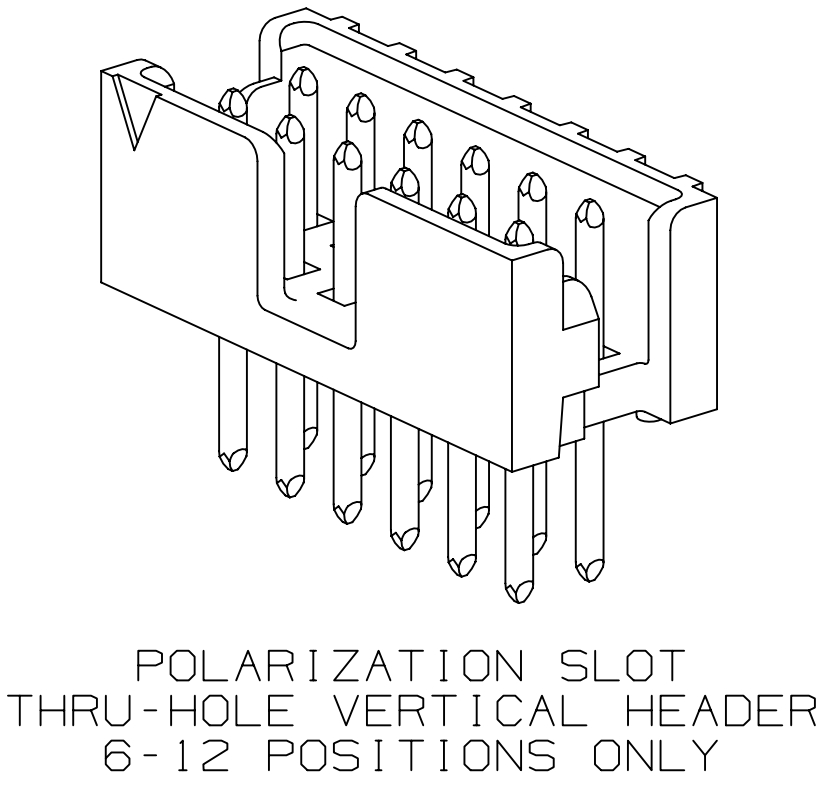


3M™ Shrouded Board Mount Header 2 mm X 2 mm Pitch 159 Series, Standard Length [3] and Extended Length [4]



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
- 1

MATERIAL:
BODY: HIGH TEMPERATURE
GLASS FILLED LCP, BLACK
UL94V-0
CONTACTS: COPPER ALLOY
- 2

PLATING:
2.03-3.81 μ m [80-150 μ in]
NICKEL UNDERPLATE.
0.38 μ m [15 μ in] OR
0.76 μ m [30 μ in] AVG GOLD
ON WIPING AREA.
5.08 μ m [200 μ in] MIN
MATTE TIN ON SOLDER TAILS.
- 3

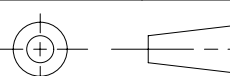
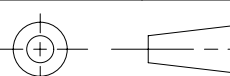
STANDARD LENGTH HEADERS
MATE WITH 3M™ SOCKETS,
158 SERIES (REFERENCE 3M
DRAWING 78-5100-2358-9).
- 4

EXTENDED LENGTH HEADERS
MATE WITH 3M™ SOCKETS,
870 SERIES.
- 5

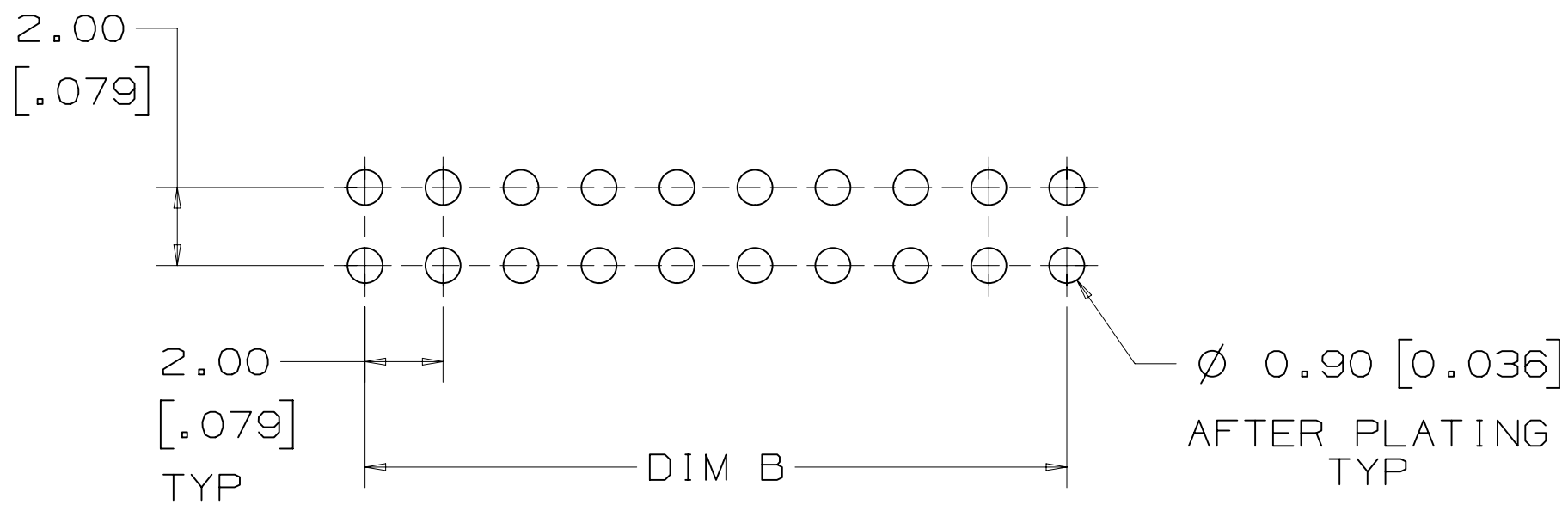
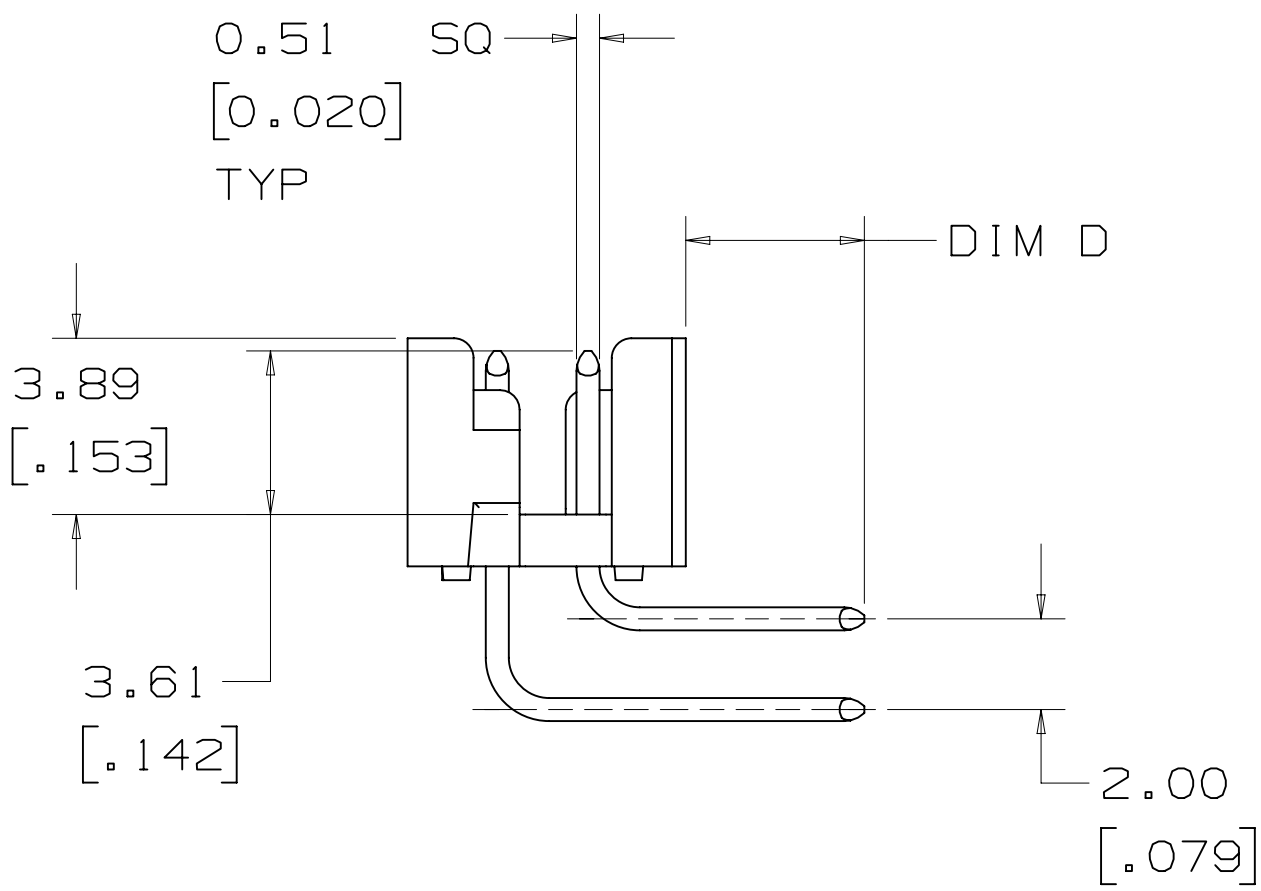
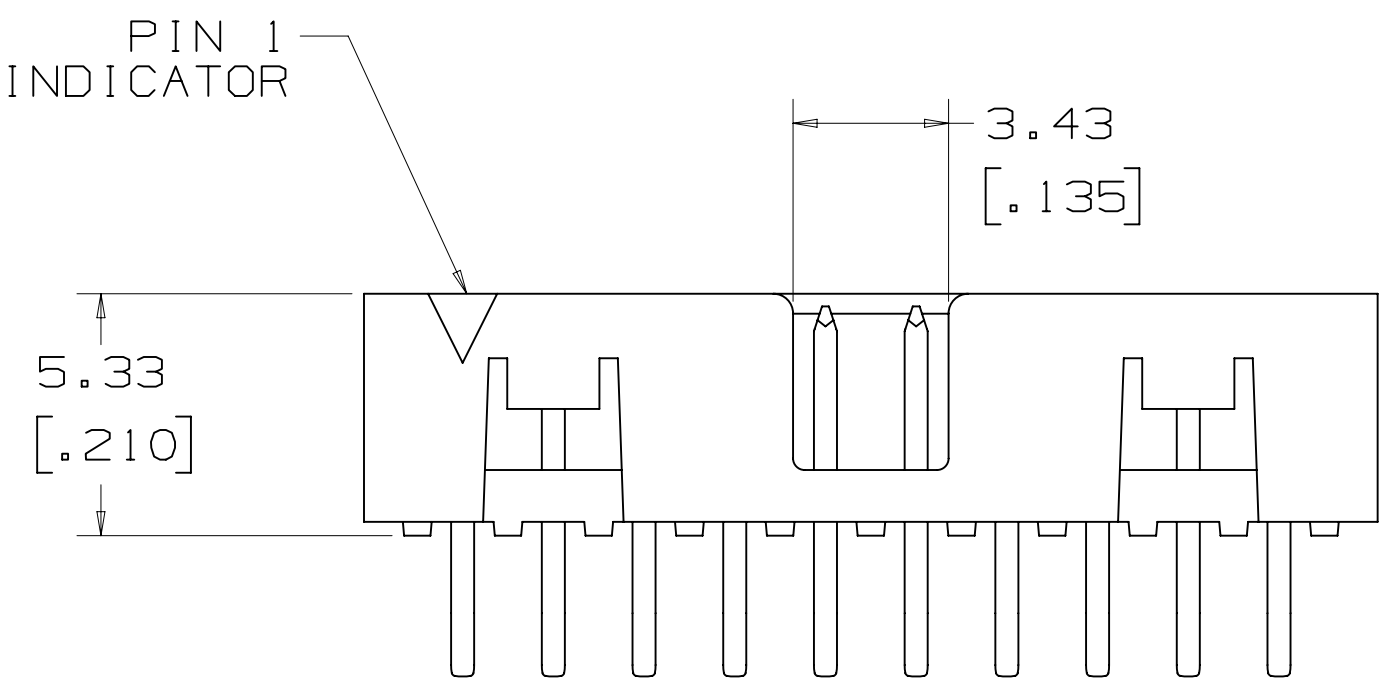
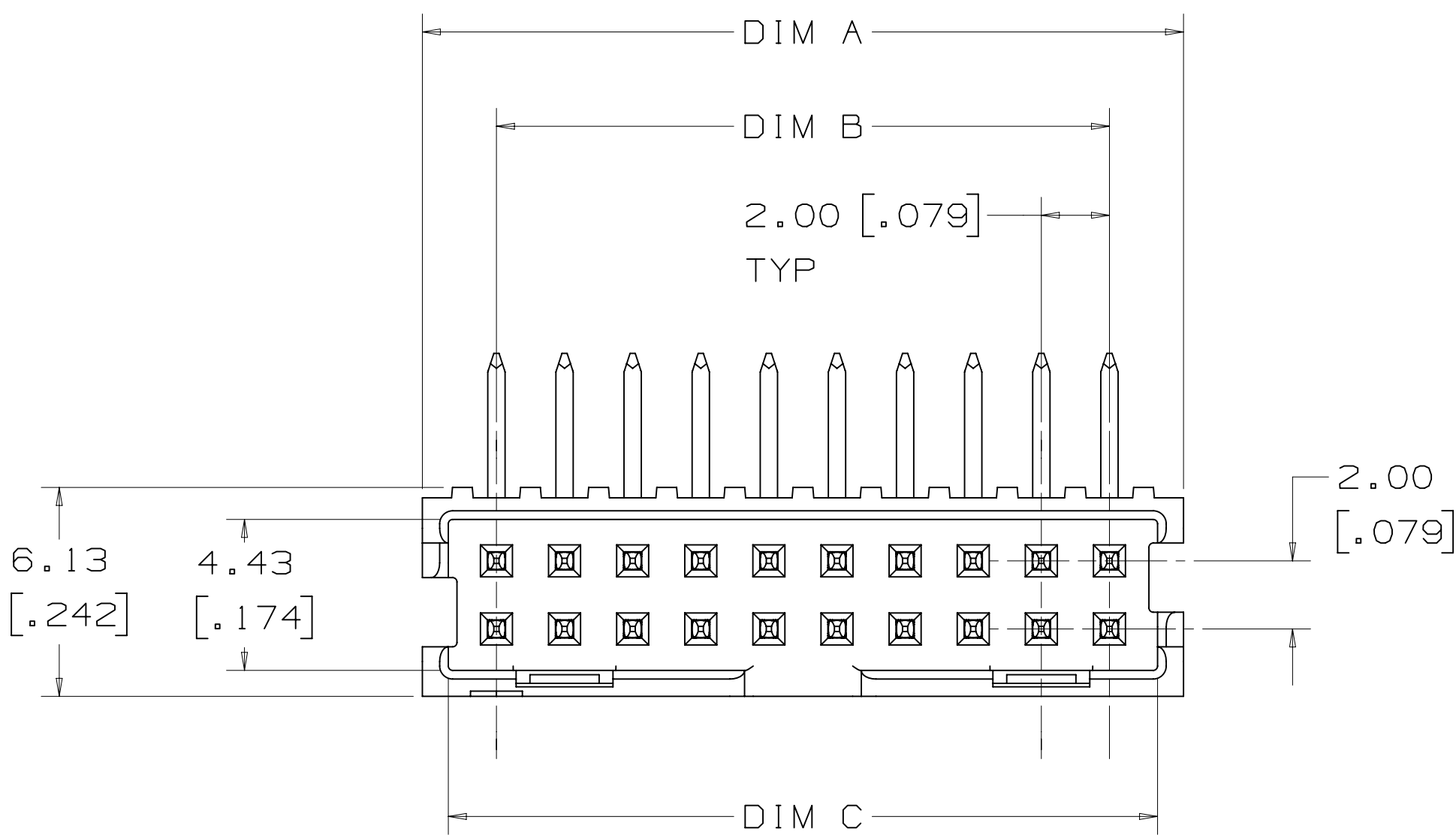
FOR PRODUCT
SPECIFICATIONS AND
WARRANTY INFORMATION SEE
3M 78-5102-0078-1.
- 6

SEE THE REGULATORY
INFORMATION APPENDIX (RIA)
IN THE "RoHS COMPLIANCE"
SECTION OF
WWW.3MCONNECTOR.COM FOR
COMPLIANCE INFORMATION
(RIA E1 & C1 APPLY).
- 7

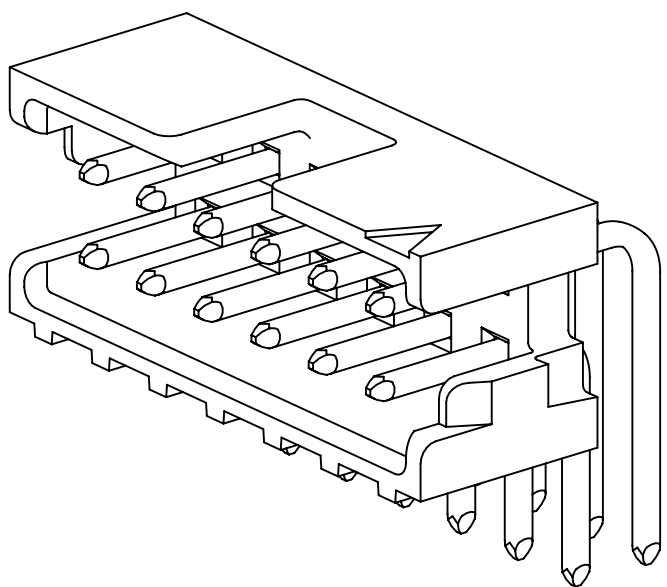
IN THE EVENT OF CONFLICT
BETWEEN THIS DATA AND
THAT CONTAINED IN THE
PRODUCT SPECIFICATION,
THE PRODUCT SPECIFICATION
TAKES PRECEDENT.

A		30741		OCT 28,2010				LDS	SF
DESIGN REFERENCE		NEXT ASSEMBLY		INITIAL RELEASE				DRFT	CHKD
DISTRIBUTION CODES		REV		ISSUE DATE AND DESCRIPTION				DATE	DATE
		L SCHMIDT		JUL 29,2010				MFG	
		CHKD		DATE				APPROV S FELDMAN	DATE AUG 09,2010
DIVISION		DIVISION CODE		© 3M COPYRIGHT 2010					
DO NOT SCALE DRAWING		SCALE 6 1		TOLERANCES EXCEPT AS NOTED		3M SHROUDED BOARD MOUNT HEADER 2 MM X 2 MM PITCH 159 SERIES			
				INCHES		3M			
THIRD ANGLE PROJECTION		INTERPRET PER ASME Y14.5 - 1994		MILLIMETERS		3M Center St. Paul, MN 55144			
MAX SURFACE ROUGHNESS 125		ALL SURFACES		0.00 ± 0.13		This document and the information it contains are 3M property and may not be reproduced or further distributed without the express permission, or used or disclosed otherwise than for 3M authorized purposes. All rights reserved.			
125		MARKED ONLY		ANGLES ± 1°		CAGE NUMBER			
						SIZE			
						DRAWING NO.			
						D 78-5100-2359-7			
						REV.			
						A			
						MODEL			
						DET			
						LISTS			
						YES X NO			
						SHT 1 OF 4			

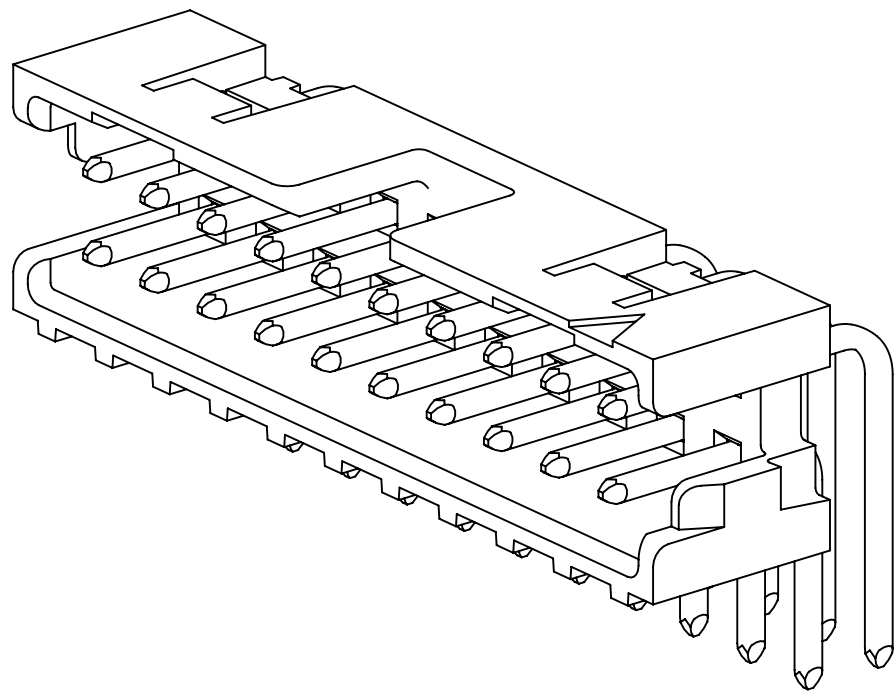
3M™ Shrouded Board Mount Header 2 mm X 2 mm Pitch 159 Series, Standard Length [3] and Extended Length [4]



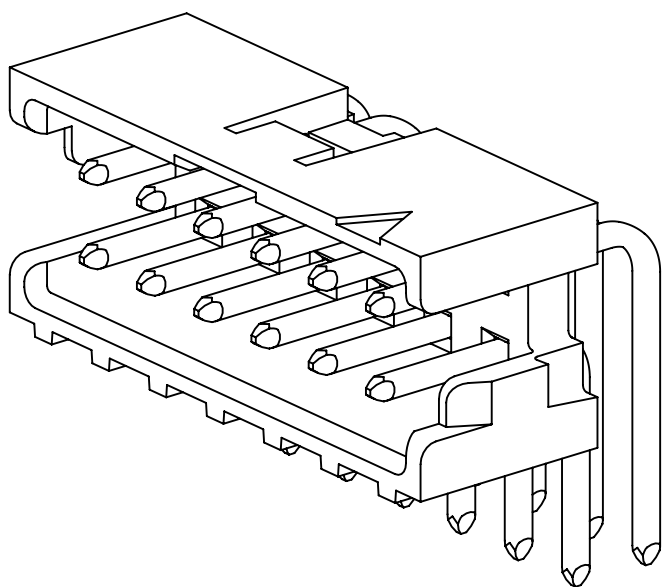
RECOMMENDED PCB HOLE PATTERN
TOLERANCE = ±0.05 [.002]



POLARIZATION SLOT
RIGHT ANGLE HEADER
6-12 POSITIONS ONLY



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



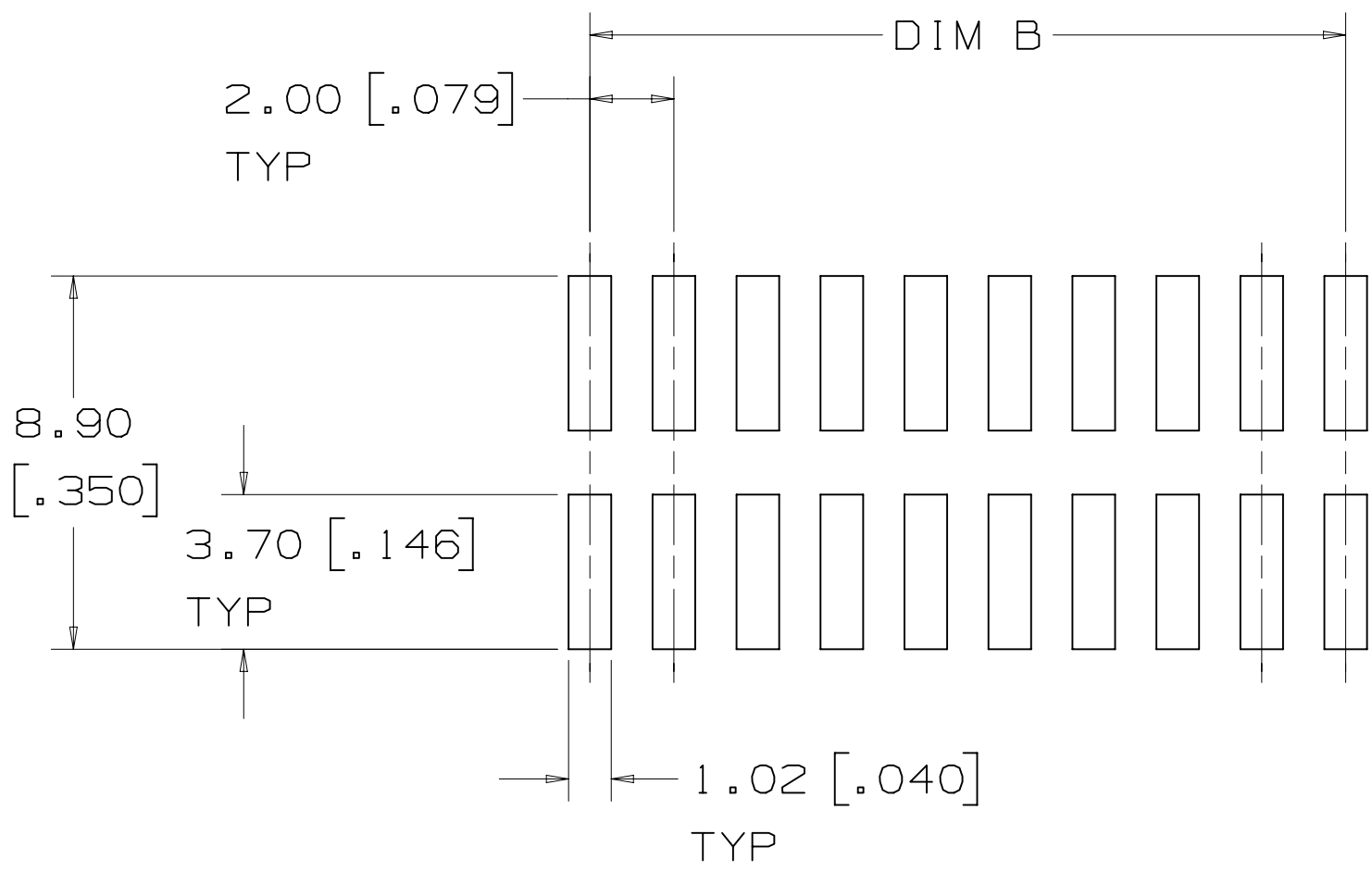
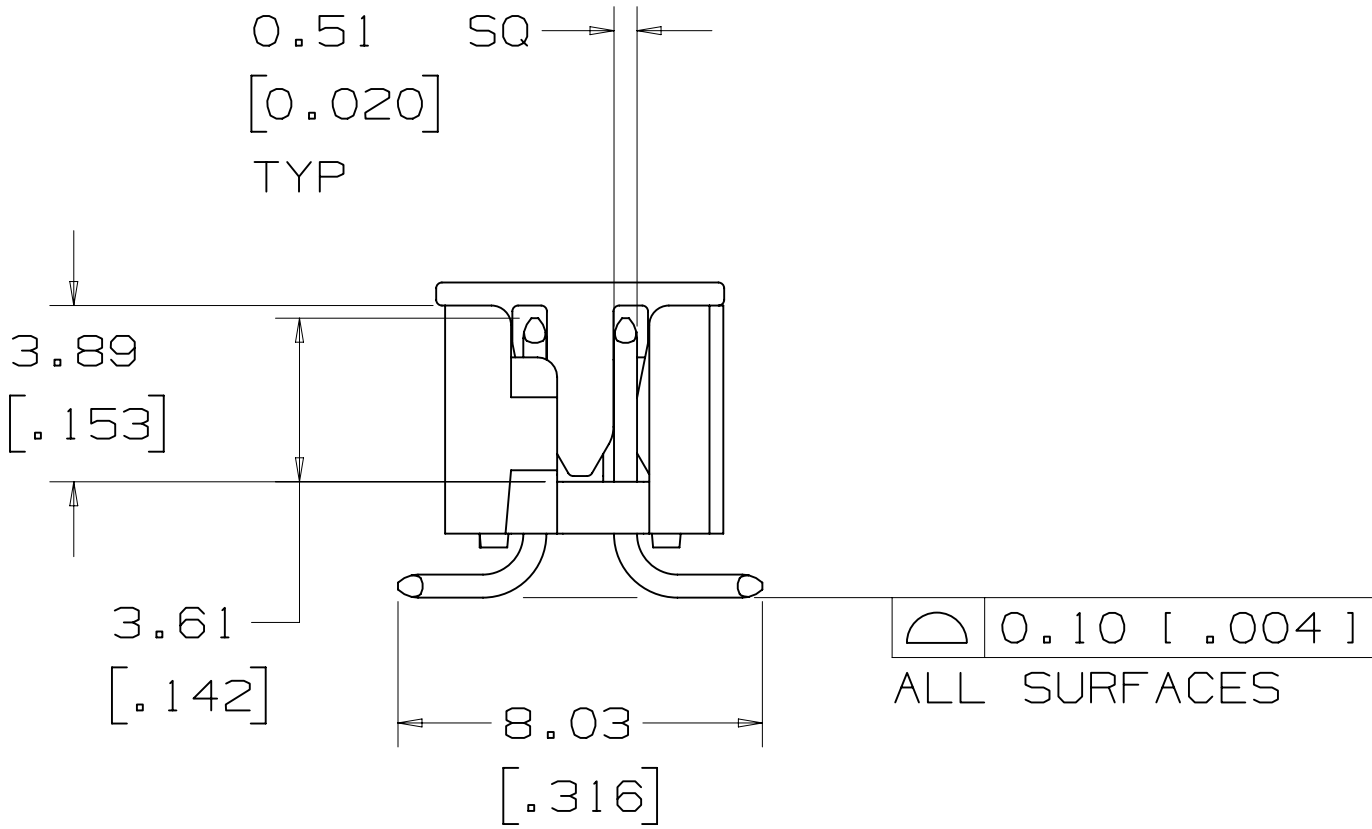
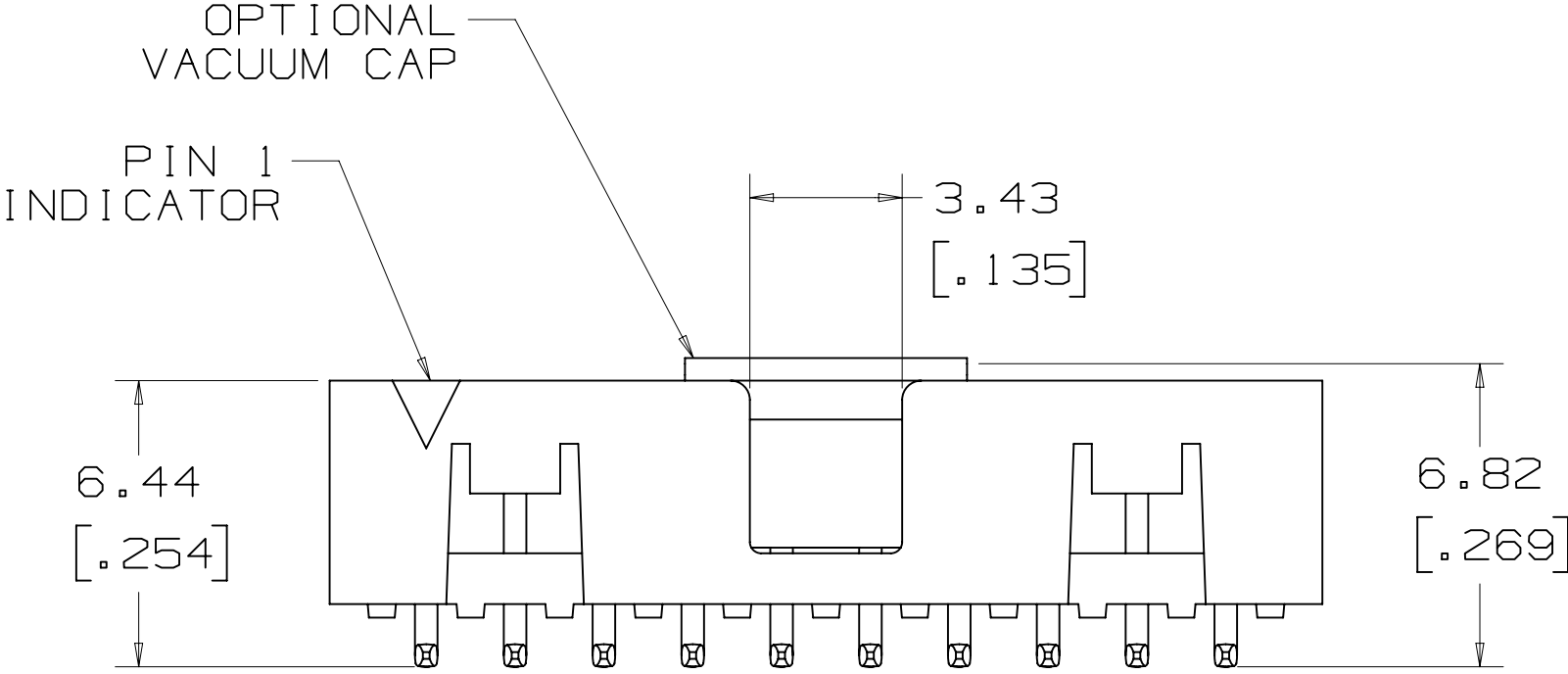
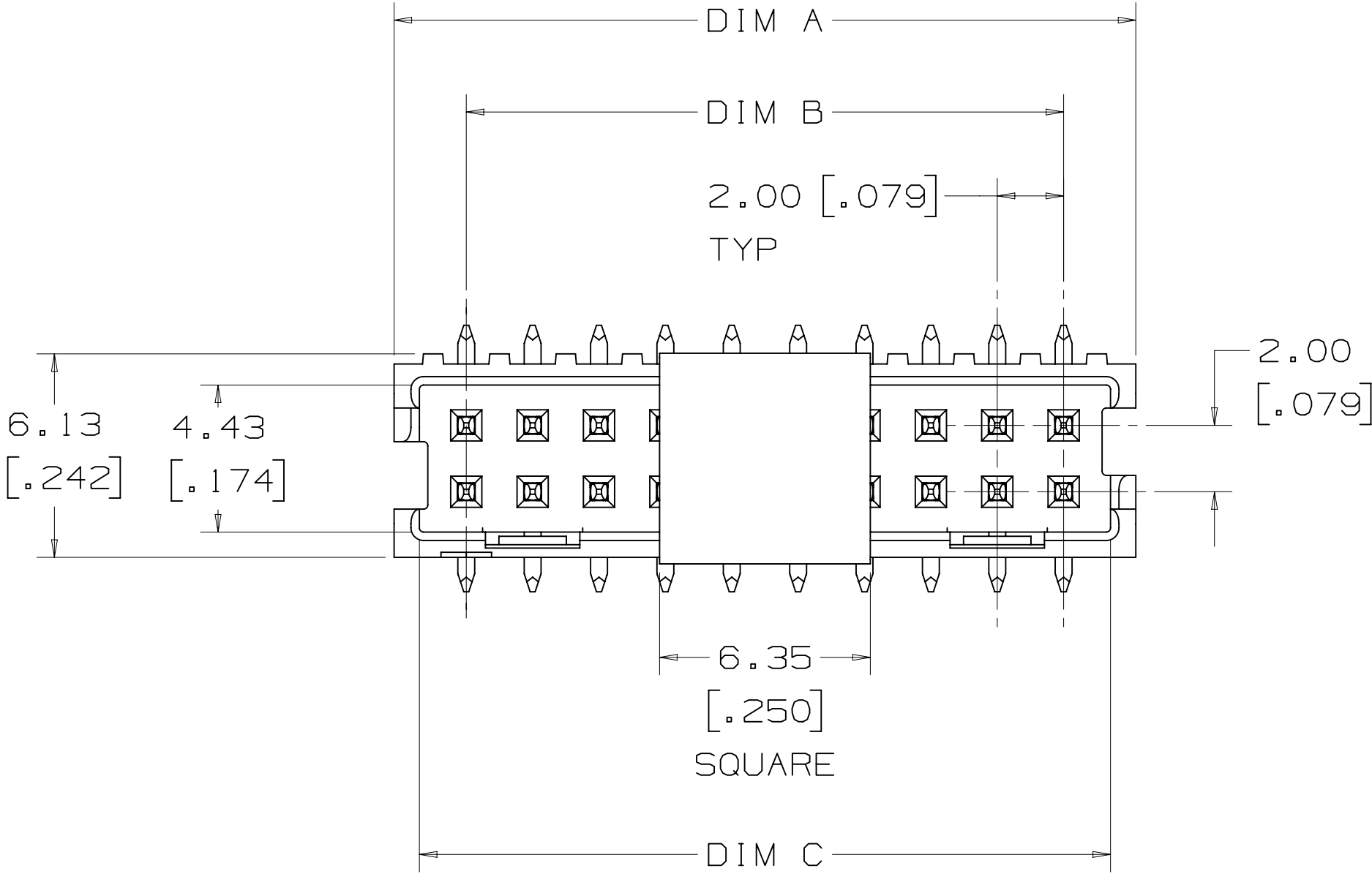
SINGLE FRICTION LATCH
RIGHT ANGLE HEADER
6-12 POSITIONS ONLY

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

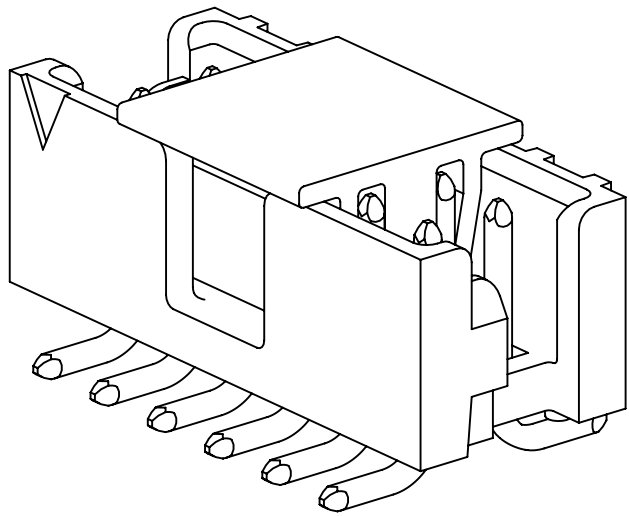
METRIC [ENGLISH]

DESIGN REFERENCE		NEXT ASSEMBLY		REV	ECO	ISSUE DATE AND DESCRIPTION		DRFT	CHKD
DISTANCE		SCALE		DRFT	ECO	DATE	DATE	DATE	DATE
L. SCHMIDT		JUL 29, 2010		DATE	DATE	DATE	DATE	DATE	DATE
DIVISION		DIVISION CODE		CHKD	DATE	APPROV	DATE	DATE	DATE
DO NOT SCALE DRAWING		SCALE 4/1		DATE	DATE	DATE	DATE	DATE	DATE
THIRD ANGLE PROJECTION		TOLERANCES EXCEPT AS NOTED		DATE	DATE	DATE	DATE	DATE	DATE
INTERPRET PER ASME Y14.5 - 1994		INCHES		DATE	DATE	DATE	DATE	DATE	DATE
MAX SURFACE ROUGHNESS 125/		MILLIMETERS		DATE	DATE	DATE	DATE	DATE	DATE
ALL SURFACES MARKED ONLY		ANGLES ±1°		DATE	DATE	DATE	DATE	DATE	DATE
CAGE NUMBER		DRAWING NO.		REV.		REV.		REV.	
D 78-5100-2359-7		A		A		A		A	
MODEL		DET		YES		NO		SHT 2 OF 4	

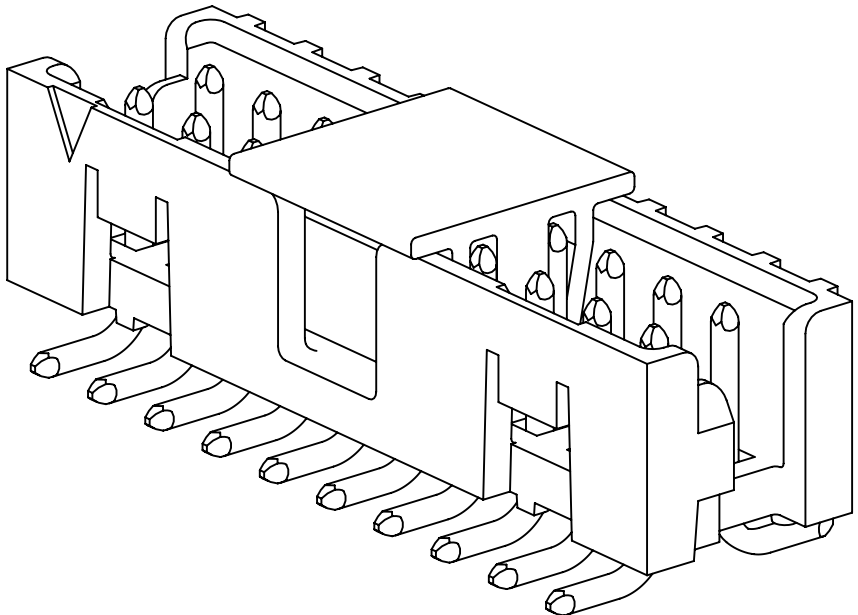
3M™ Shrouded Board Mount Header 2 mm X 2 mm Pitch 159 Series, Standard Length [3] and Extended Length [4]



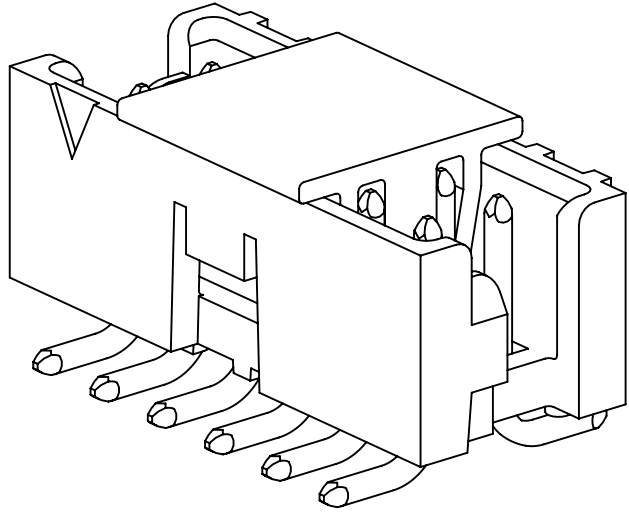
RECOMMENDED PCB PAD PATTERN
TOLERANCE = ±0.08 [.003]



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]

DESIGN REFERENCE		NEXT ASSEMBLY		REV		ECO		ISSUE DATE AND DESCRIPTION		DRFT		CHKD	
DISTANCE		SCALE		L. SCHMIDT		JUL 29, 2010		MFG		DATE		APPROV	
DIVISION		DIVISION CODE		S. FELDMAN		AUG 09, 2010		DATE		DATE		DATE	
DO NOT SCALE DRAWING		SCALE 4/1		TOLERANCES EXCEPT AS NOTED		INCHES		MILLIMETERS		0 ±		0 ±	
THIRD ANGLE PROJECTION		INTERPRET PER ASME Y14.5 - 1994		MAX SURFACE ROUGHNESS		0.00 ±		0.00 ±		0.00 ±		0.00 ±	
125/		ALL SURFACES		MARKED ONLY		ANGLES ±1°		CAGE NUMBER		DRAWING NO.		REV.	
125/		ALL SURFACES		MARKED ONLY		ANGLES ±1°		CAGE NUMBER		DRAWING NO.		REV.	
125/		ALL SURFACES		MARKED ONLY		ANGLES ±1°		CAGE NUMBER		DRAWING NO.		REV.	
125/		ALL SURFACES		MARKED ONLY		ANGLES ±1°		CAGE NUMBER		DRAWING NO.		REV.	



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.