

3M™ PIN STRIP HEADER, 951 SERIES
 2MM AND 2MM X 2MM STRAIGHT, RIGHT ANGLE AND SURFACE MOUNT, SOLDER TAIL

- NOTES
1. REGULATORY INFORMATION:
 VISIT 3M.com/regs OR CONTACT YOUR 3M REPRESENTATIVE TO FIND THE RoHS COMPLIANCE STATUS OF THE 3M PART YOU ARE INTERESTED IN.
 2. IN THE EVENT OF CONFLICT BETWEEN THIS DATA AND THAT CONTAINED IN THE PRODUCT SPECIFICATION, THE PRODUCT SPECIFICATION TAKES PRECEDENT.
 3. N = THE NUMBER OF POSITIONS.



SINGLE ROW STRAIGHT VERSION



DUAL ROW STRAIGHT VERSION



SINGLE ROW RIGHT ANGLE VERSION



DUAL ROW RIGHT ANGLE VERSION



SINGLE ROW SURFACE MOUNT VERSION



DUAL ROW SURFACE MOUNT VERSION

2 PHYSICAL :

INSULATOR: HIGH TEMP THERMOPLASTIC
 MATERIAL: UL94V-0
 FLAMMABILITY: BLACK
 CONTACT: BRASS
 MATERIAL: BRASS
 PLATING: 50μ" [1.27μm] NICKEL-OVERALL
 UNDER PLATING: GOLD FLASH
 WIPING AREA: 40-118μ" [1-3μm]
 SOLDER TAILS: ORIENTATION TRIANGLE

2 ELECTRICAL :

CURRENT RATING: 2A
 CONTACT RESISTANCE: ≤ 20mΩ
 INSULATION RESISTANCE: ≥ 1000MΩ
 WITHSTANDING VOLTAGE: 500V_{RMS} 1mA, 60s

2 MECHANICAL :

RETENTION FORCE: ≥ 4.5N PER PIN

2 ENVIRONMENTAL :

TEMPERATURE RATING: -55°C TO 125°C
 HUMIDITY: < 93% AT 40°C
 RESISTANCE TO SOLDERING HEAT: PBT, 245°C±5°C, 10s

3M ELECTRONICS MATERIALS SOLUTIONS DIVISION
 INTERCONNECT SOLUTIONS
<http://www.3mconnectors.com>
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 INFORMATION CALL 800-225-5373

UL us
 UL FILE NO: E68080

MM [INCH]		
TOLERANCE - UNLESS NOTED		
	X.	.XX
MM	±.5	±.20
[INCH]	±.02	±.008
[] = DIM. FOR REFERENCE ONLY		

DIMENSIONS: INCH [MM]
 [MM] FOR REF. ONLY

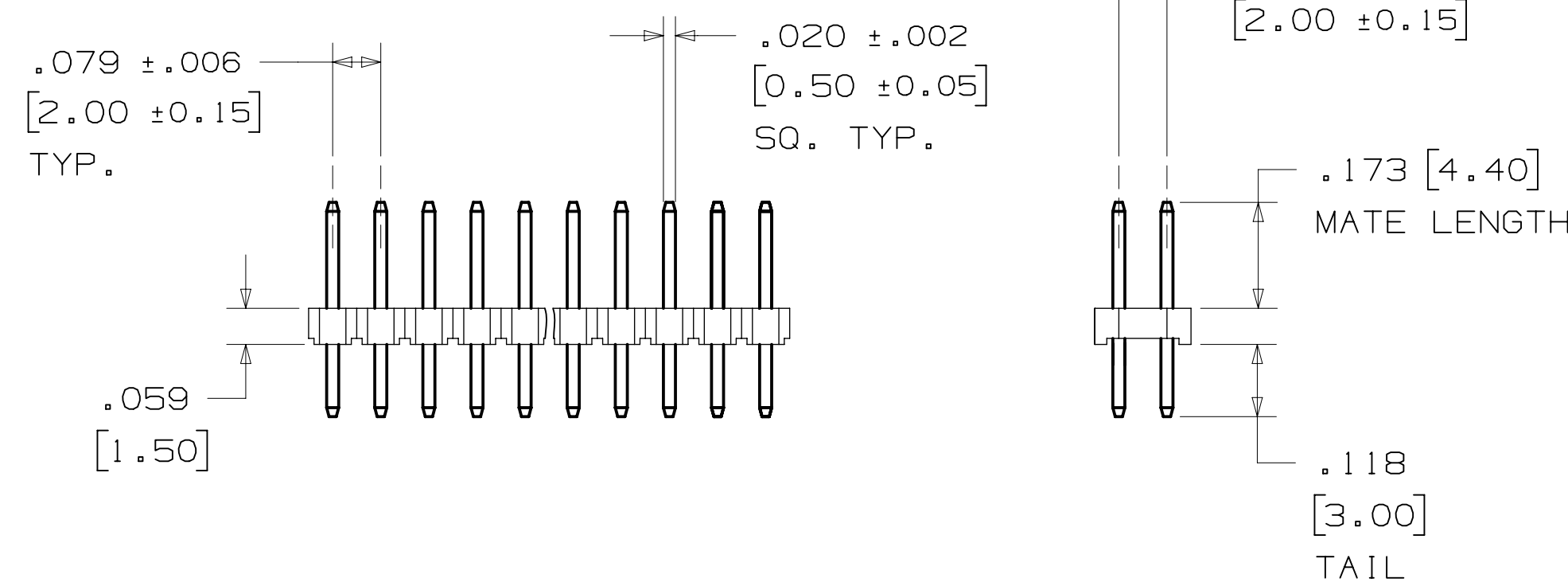
DESIGN REFERENCE	NEXT ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
APPROVED	DATE	DATE	DATE	DATE	DATE	DATE
CASTIGLIONE	FEB 23, 2015	MFG				
		APPRV	DATE	DATE	DATE	DATE
		T. SUNIGA	FEB 23, 2015			
DIVISION		DIVISION CODE		DATE		
		EMSD				
DO NOT SCALE DRAWING	SCALE 4/1	TOLERANCES EXCEPT AS NOTED		3M Center St. Paul, MN 55144		
		INCHES		© 3M COPYRIGHT 2017		
		THIRD ANGLE PROJECTION		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.		
		MAX SURFACE ROUGHNESS		TITLE		
		L1 SURFACES		PIN STRIP HEADER, 2MM X 2MM, STRAIGHT, SMT & RA, SOLDER TAIL		
		MARKED ONLY		CAGE NUMBER		
				D 78-5100-2653-3 B		
				MODEL		
				951XXX		
				REV.		
				SHT 1 OF 5		

B 78-5100-2653-3 REV. 1
 C
 B
 A
 Image: B.2 Central Standard Time 11/27/2017UTC Drf-set

3M™ PIN STRIP HEADER, 951 SERIES
 2MM AND 2MM X 2MM STRAIGHT, RIGHT ANGLE AND SURFACE MOUNT, SOLDER TAIL



RECOMMENDED PC BOARD LAYOUT
 (VIEWED FROM CONNECTOR SIDE)



RECOMMENDED PC BOARD LAYOUT
 (VIEWED FROM CONNECTOR SIDE)

ORDERING INFORMATION
 STRAIGHT VERSION

951XXX-8622-AR

No. OF ROWS: 1 = 1 ROW
 2 = 2 ROW
 CONTACT QTY. 40 PINS = 1 ROW
 80 PINS = 2 ROW

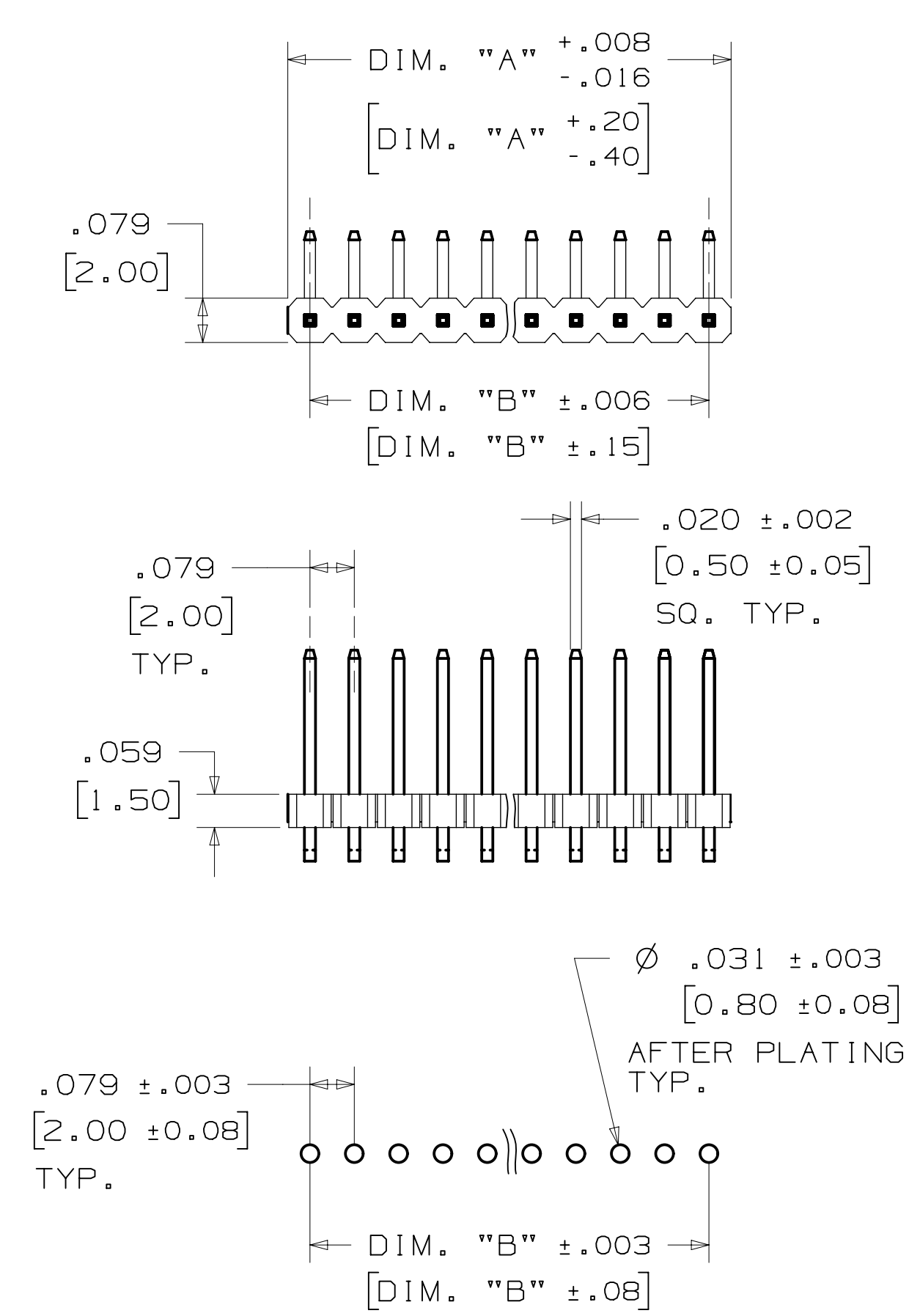
TABLE 1	
DIM. "A"	.079 [2.00] X N
DIM. "B"	.079 [2.00] X (N-1)
DIM. "C"	.079 [2.00] X (N/2)
DIM. "D"	.079 [2.00] X (N/2-1)
SEE NOTE 3	

DESIGN REFERENCE	NEXT ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
ACROSS CODES		CHKD	CASTIGLIONE	FEB 23, 2015	MFG DATE	
DIVISION	DIVISION CODE	APPRV	T. SUNIGA	FEB 23, 2015		
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THIRD ANGLE PROJECTION	INTERPRET PER ASME Y14.5 - 2009	INCHES .00 ± .000 ± .0000 ±		TITLE PIN STRIP HEADER, 2MM X 2MM, STRAIGHT, SMT & RA, SOLDER TAIL		
MAX SURFACE ROUGHNESS	MARKED ONLY	MILLIMETERS 0 ± .00 ± .000 ±		CAGE NUMBER D 78-5100-2653-3		
		ANGLES		MODEL 951XXX		
				DET [] YES [X] NO [] SHT 2 OF 5		

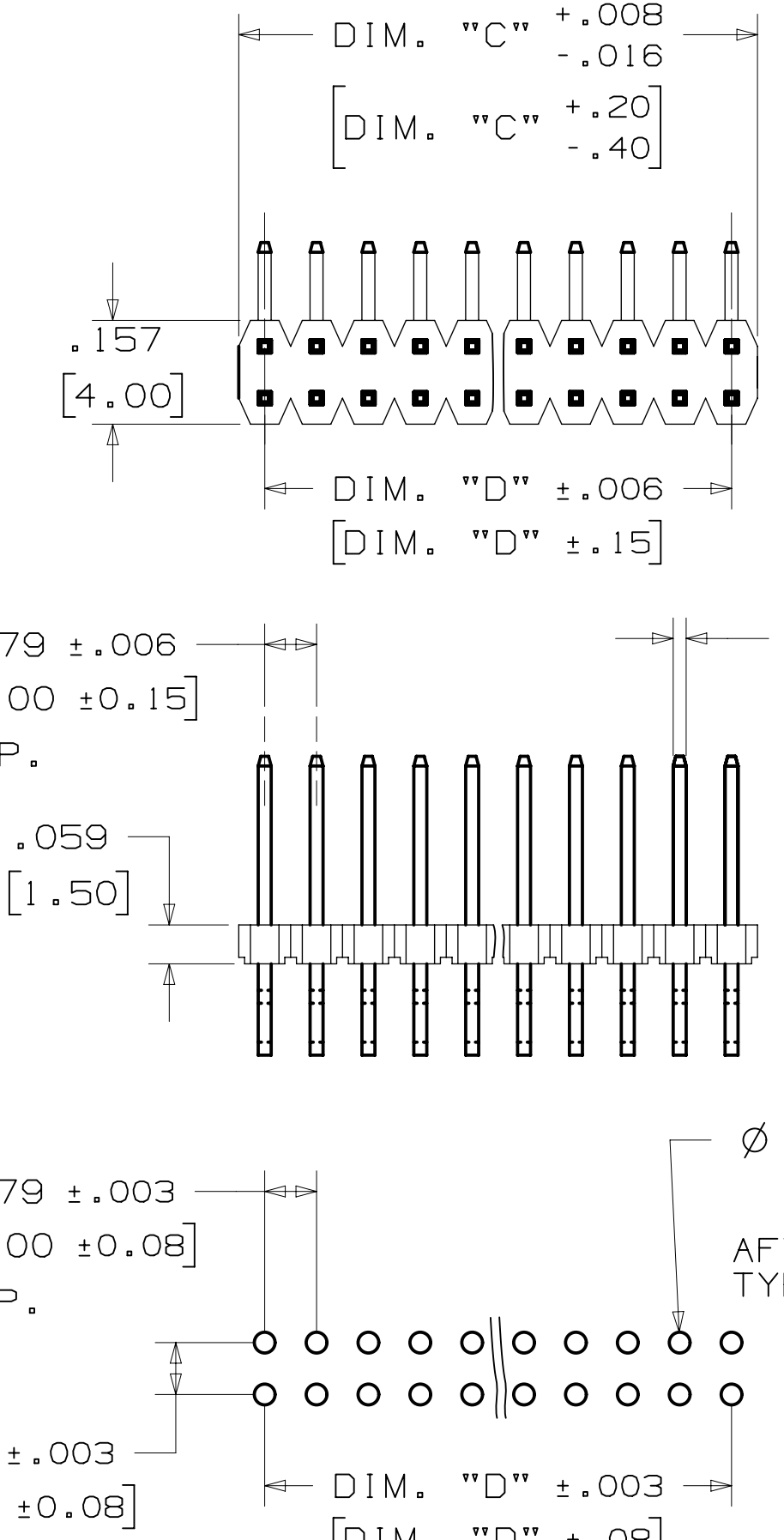
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A	72044	MAR 06, 2017	JNC	TS
REVISE ELECTRICAL NOTES 3-2-17 REMOVED 2 CONNECTORS PRODUCTION RELEASE				

78-5100-2653-3
 DRAWING NUMBER
 B
 REV. 1
 DATE 11/27/2017 UTC
 Drf-set

3M™ PIN STRIP HEADER, 951 SERIES
 2MM AND 2MM X 2MM STRAIGHT, RIGHT ANGLE AND SURFACE MOUNT, SOLDER TAIL



RECOMMENDED PC BOARD LAYOUT
 (VIEWED FROM CONNECTOR SIDE)



RECOMMENDED PC BOARD LAYOUT
 (VIEWED FROM CONNECTOR SIDE)

ORDERING INFORMATION
 RIGHT ANGLE VERSION

951XXX-7X22-AR

No. OF ROWS:
 1 = 1 ROW
 2 = 2 ROW

CONTACT QTY:
 40 PINS = 1 ROW
 80 PINS = 2 ROW

DIM. "F"
 MATING PIN LENGTH:
 6 = .173 [4.40]
 7 = .295 [7.50]

TABLE 2

DIM. "A"	.079 [2.00] X N
DIM. "B"	.079 [2.00] X (N-1)
DIM. "C"	.079 [2.00] X (N/2)
DIM. "D"	.079 [2.00] X (N/2-1)
SEE NOTE 3	

REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
B	76546	NOV 08, 2017 REVISE SHT 4	JNC	SC
A	72044	MAR 06, 2017 REVISE ELECTRICAL NOTES 3-2-17 REMOVED 2 CONNECTORS PRODUCTION RELEASE	JNC	TS

DESIGN REFERENCE	NEXT ASSEMBLY
APPROVED	DATE
CHKD	DATE
APPRV	DATE
DATE	DATE

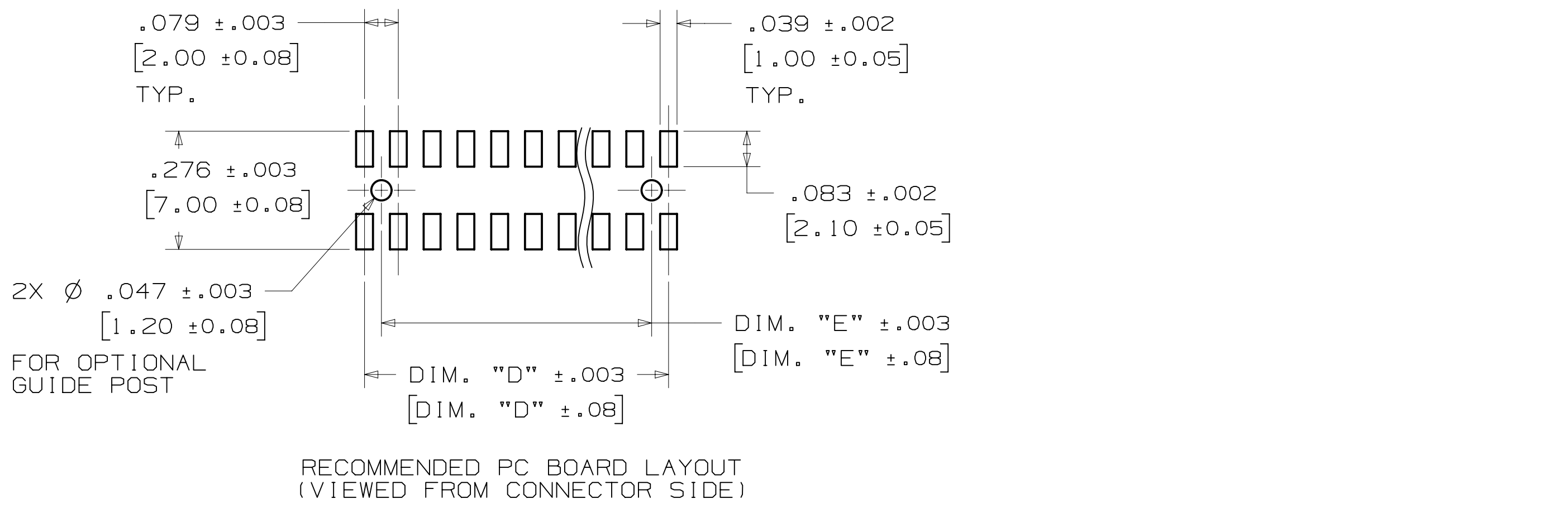
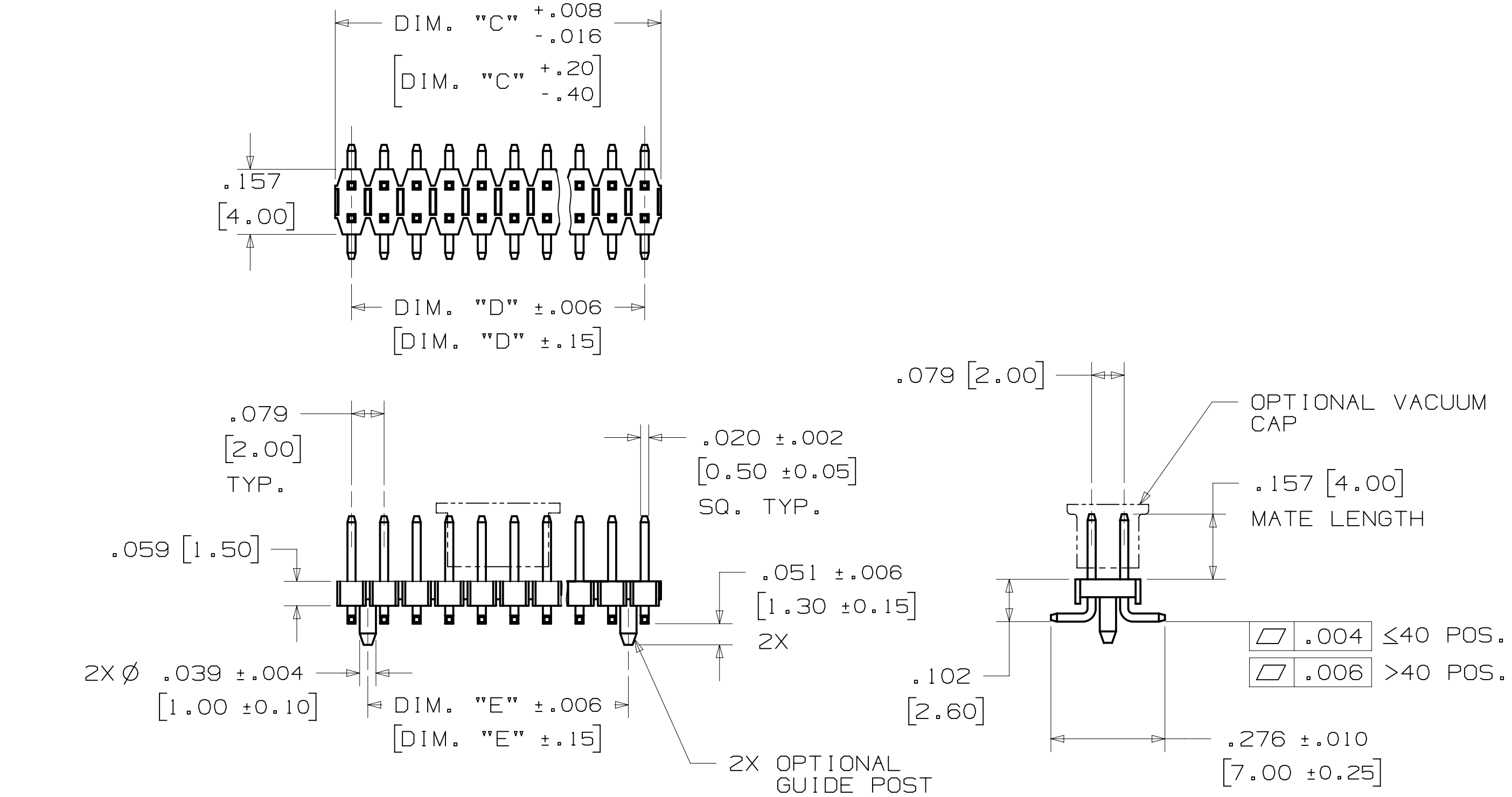
DIVISION	DIVISION CODE
DO NOT SCALE DRAWING	EMSD
SCALE	4/1
TOLERANCES EXCEPT AS NOTED	
TOLERANCES	
INCHES	
MILLIMETERS	
INTERPRET PER ASME Y14.5 - 2009	
MAX SURFACE ROUGHNESS	
MARKED ONLY	

TITLE	3M	© 3M COPYRIGHT 2017
PIN STRIP HEADER, 2MM X 2MM, STRAIGHT, SMT & RA, SOLDER TAIL		
CAGE NUMBER	SIZE	DRAWING NO.
D		78-5100-2653-3
MODEL	REV.	
951XXX	B	

REV.	DATE	BY	CHKD
3 OF 5			

78-5100-2653-3
 DRAWING NUMBER
 B
 REVISION
 11/27/2017UTC
 Drf-set
 Standard
 B.2 Central
 Image:

3M™ PIN STRIP HEADER, 951 SERIES
 2MM AND 2MM X 2MM STRAIGHT, RIGHT ANGLE AND SURFACE MOUNT, SOLDER TAIL



ORDERING INFORMATION
 SURFACE MOUNT VERSION

951XXX-25X0-AR-XX

No. OF ROWS:
 1 = 1 ROW
 2 = 2 ROW

CONTACT QUANTITY:
 40 PINS = 1 ROW
 80 PINS = 2 ROW

PACKAGING:
 TP = TUBE
 PT = TUBE WITH PAD
 PR = TAPE & REEL WITH PAD
 NOTE: PAD OPTIONS
 1 ROW = 40 POSITION
 2 ROW = 80 POSITION

BOARD LOCATION FEATURES:
 3 = 1 ROW / PIN 1 LEFT
 2 = 2 ROW / NONE
 5 = 2 ROW / WITH LOCATION POST
 (8 - 14 CONTACTS)

DIM. "A"	.079 [2.00] X N
DIM. "B"	.079 [2.00] X (N-1)
DIM. "C"	.079 [2.00] X (N/2)
DIM. "D"	.079 [2.00] X (N/2-1)
DIM. "E"	.079 [2.00] X (N/2-2)
SEE NOTE 3	

1 ROW	CONTACT QTY.	40
2 ROW		80
TAPE WIDTH [MM]		104

REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
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MAX SURFACE ROUGHNESS	INCHES	© 3M COPYR[IGHT] 2017 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.				
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	MARKED ONLY	CAGE NUMBER	SIZE	DRAWING NO.	REV.	
		D	78-5100-2653-3	B		
		MODEL	951XXX	DET	IS1S	YES X NO
				SHT	4	OF 5

3M™ PIN STRIP HEADER, 951 SERIES
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MAX SURFACE ROUGHNESS	MARKED ONLY	CAGE NUMBER	SIZE	DRAWING NO.	REV.	
		D	78-5100-2653-3	B		
		MODEL	951XXX	DET	YES <input type="checkbox"/> NO <input type="checkbox"/>	SHT 5 OF 5

78-5100-2653-3
 DRAWING NUMBER
 B
 REVISION
 0
 1
 2
 3
 4
 5
 6
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 8
 A
 B
 C
 D
 Drt-set
 Standard Time 11/27/2017 UTC



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;
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- 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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