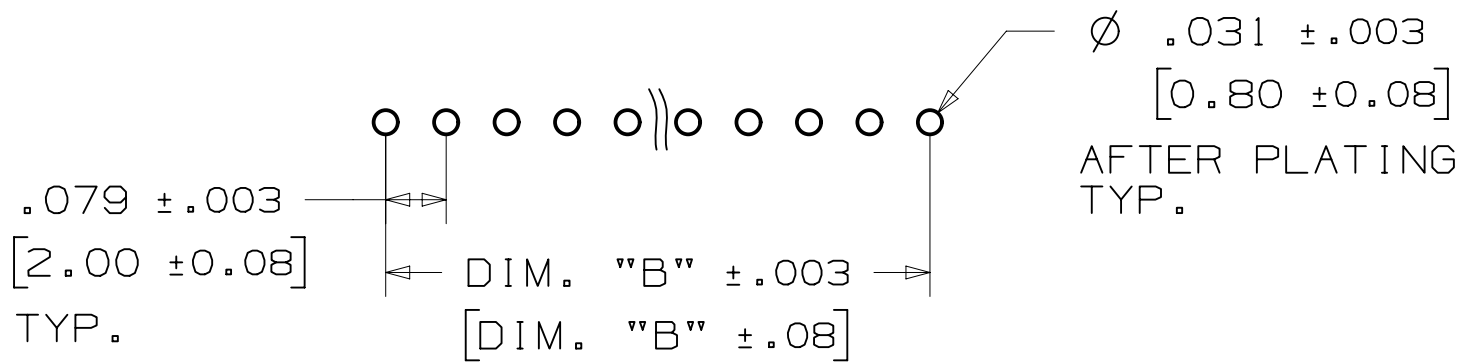
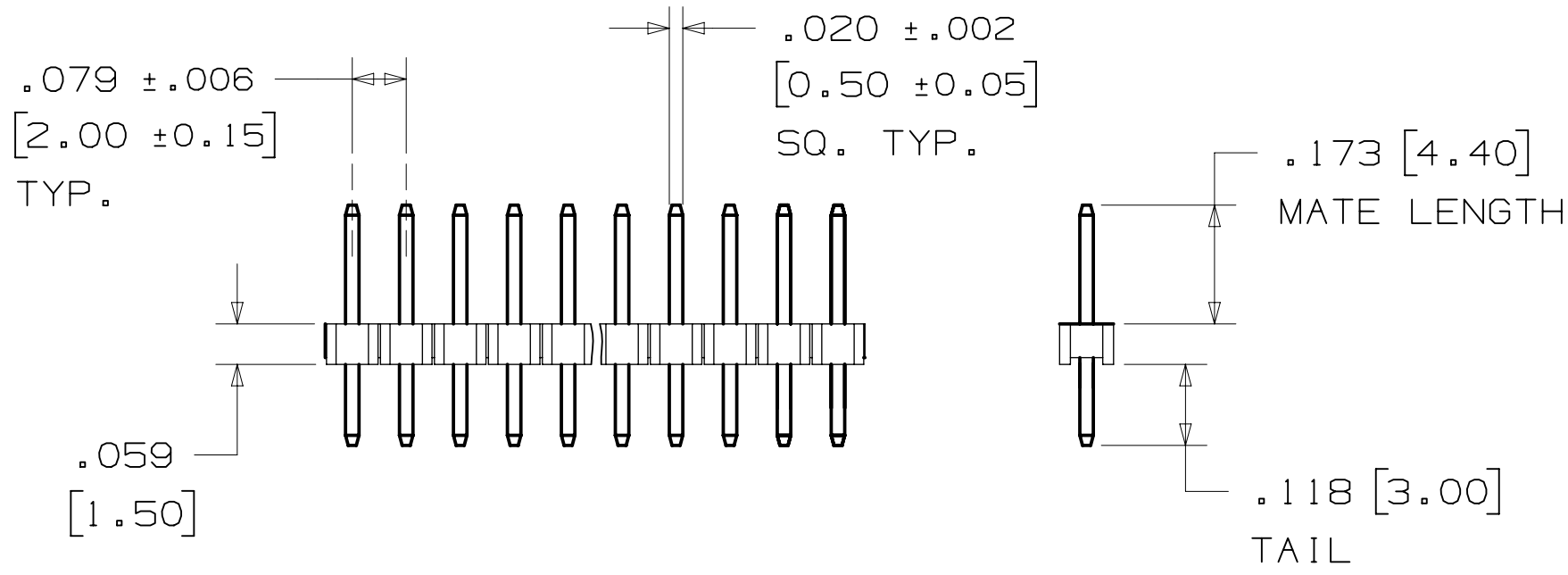
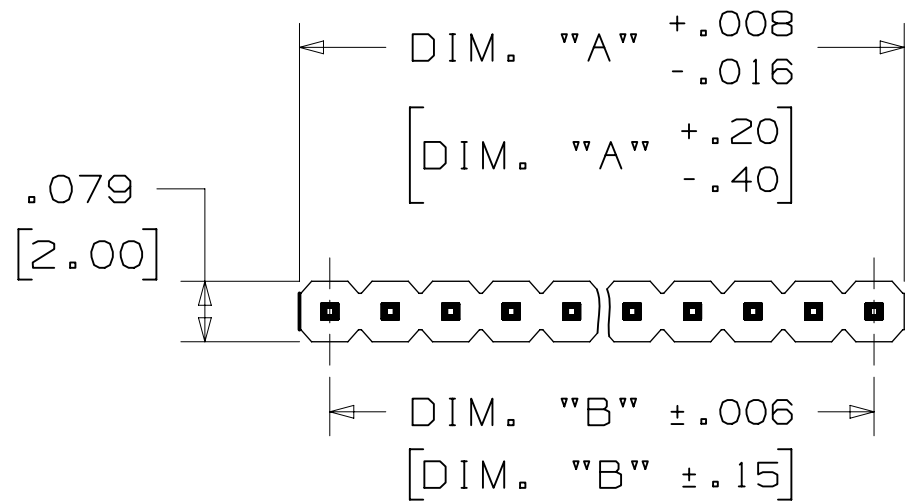
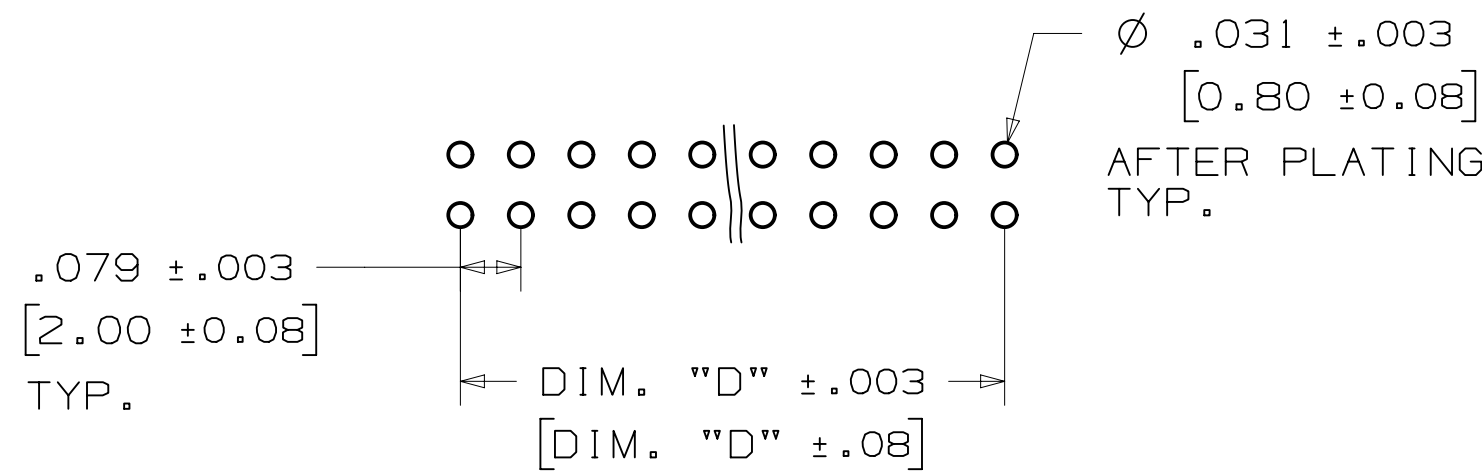
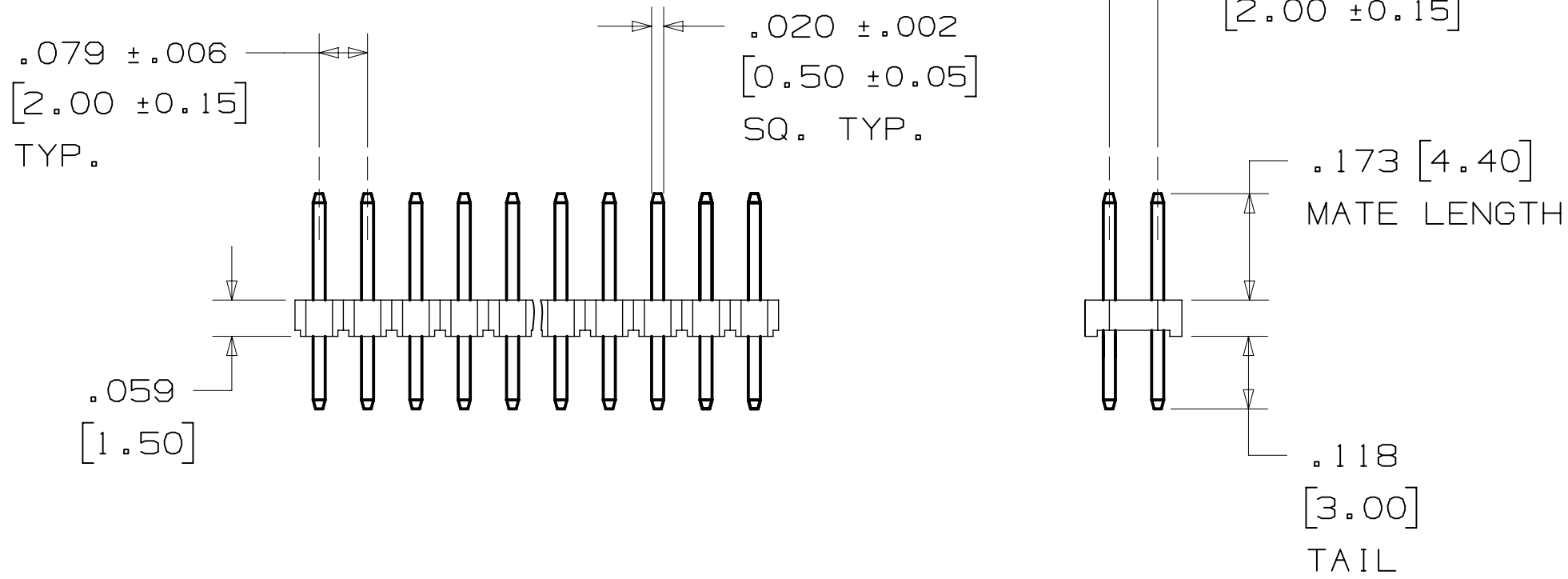
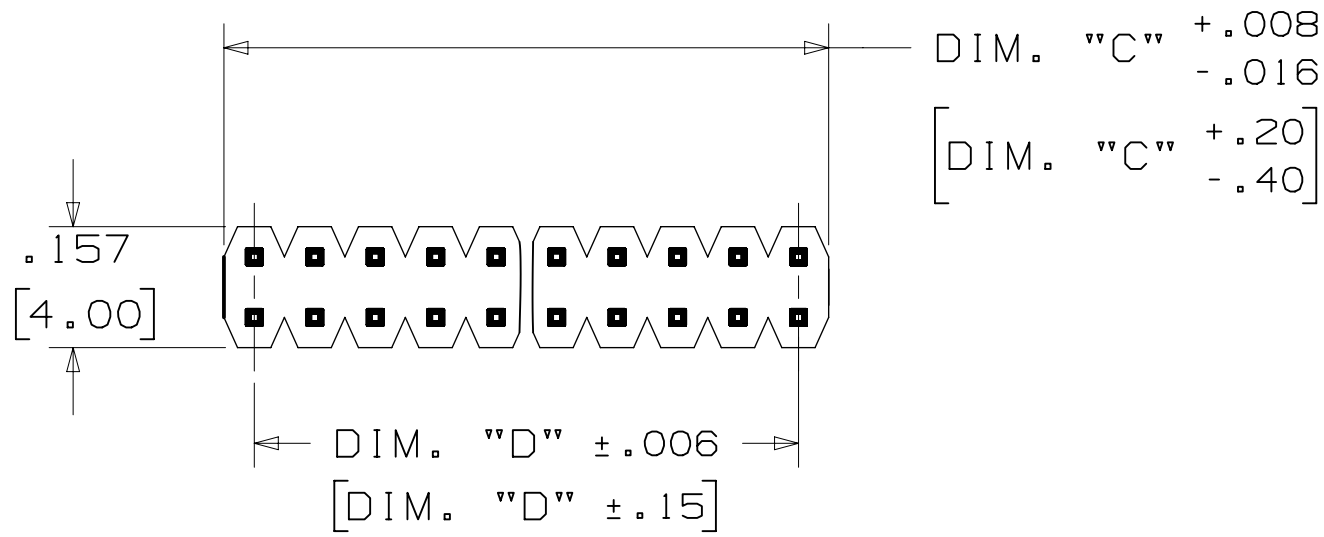


3M™ PIN STRIP HEADER, 951 SERIES
2MM AND 2MM X 2MM STRAIGHT, RIGHT ANGLE AND SURFACE MOUNT, SOLDER TAIL



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
CODES		CASTIGLIONE		FEB 23, 2015		
DIVISION	DIVISION CODE	CHKD	DATE	APPRV	DATE	REV
	EMSD			T. SUNIGA	FEB 23, 2015	
DO NOT SCALE DRAWING	SCALE 4/1	TOLERANCES EXCEPT AS NOTED		3M Center St. Paul, MN 55144		
THIRD ANGLE PROJECTION	INTERPRET PER ASME Y14.5 - 2009	INCHES .00 .000 .0000		MILLIMETERS 0 .0 .00 .000		
MAX SURFACE ROUGHNESS	DET SURFACES	CAGE NUMBER		DRAWING NO. 78-5100-2653-3		
MARKED ONLY	ANGLES	MODEL		951XXX		
		REV		A		

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PIN STRIP HEADER, 2MM X 2MM, STRAIGHT, SMT & RA, SOLDER TAIL

3-2-17 REMOVED 2 CONNECTORS
PRODUCTION RELEASE

REVISE ELECTRICAL NOTES

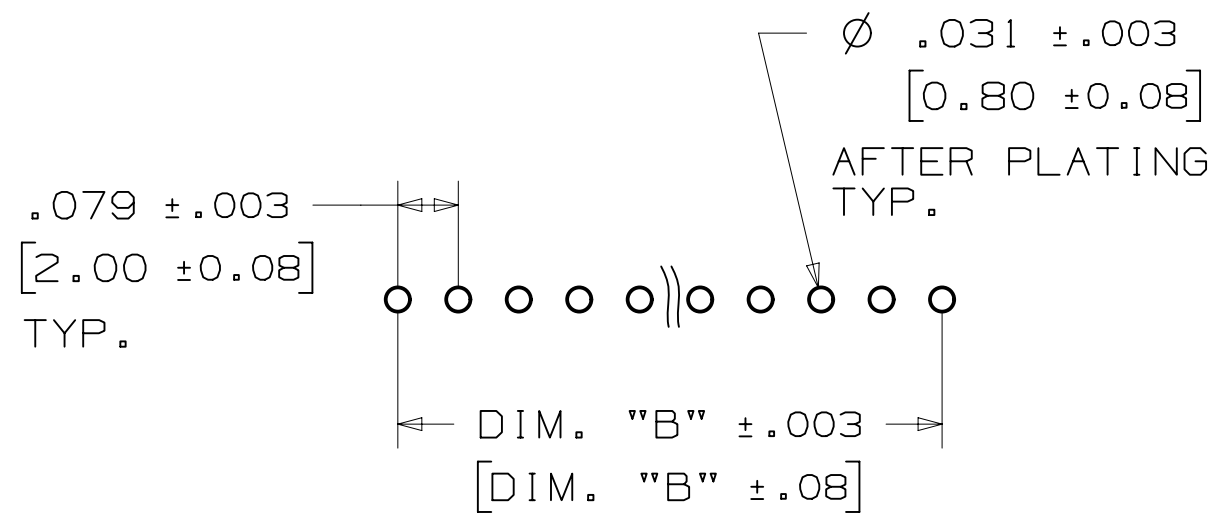
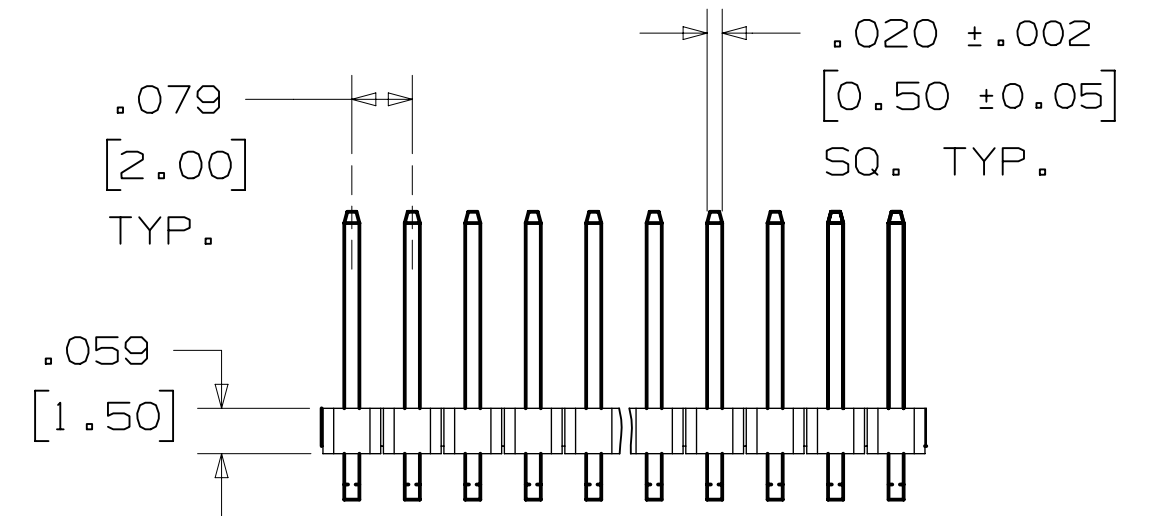
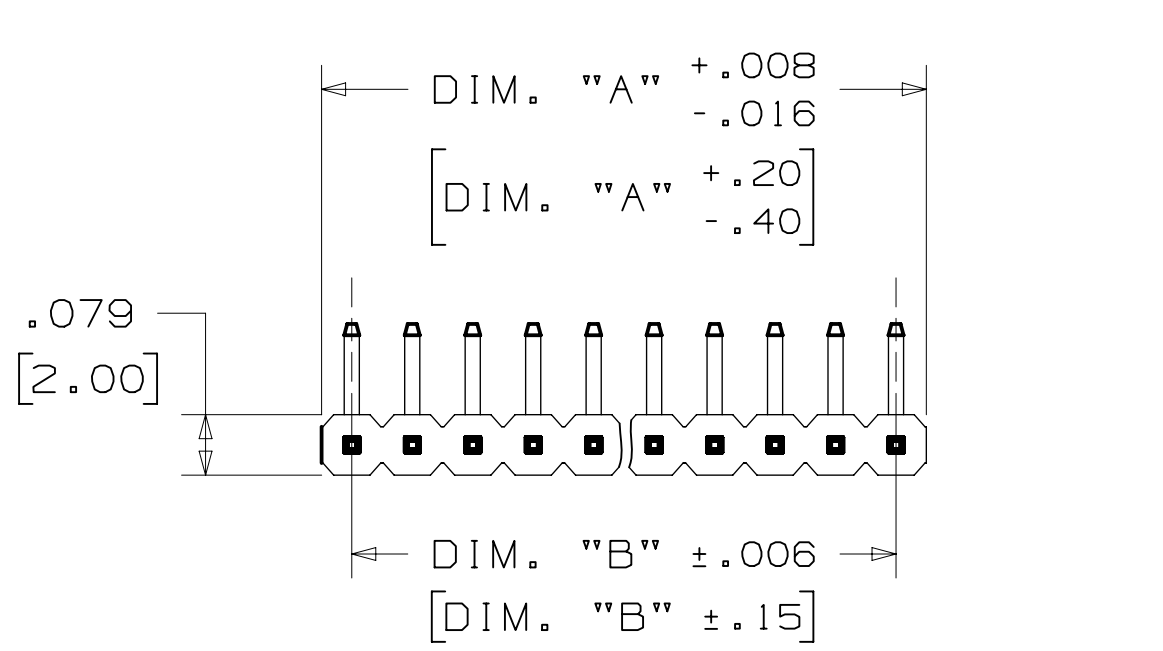
MAR 06, 2017

JNC TS

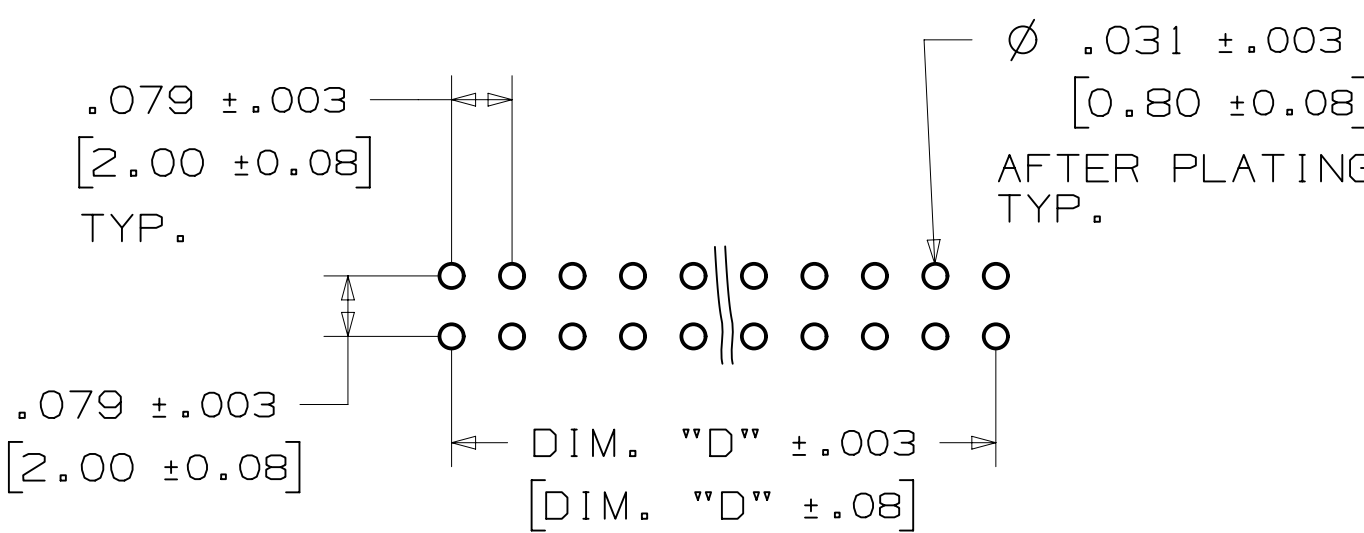
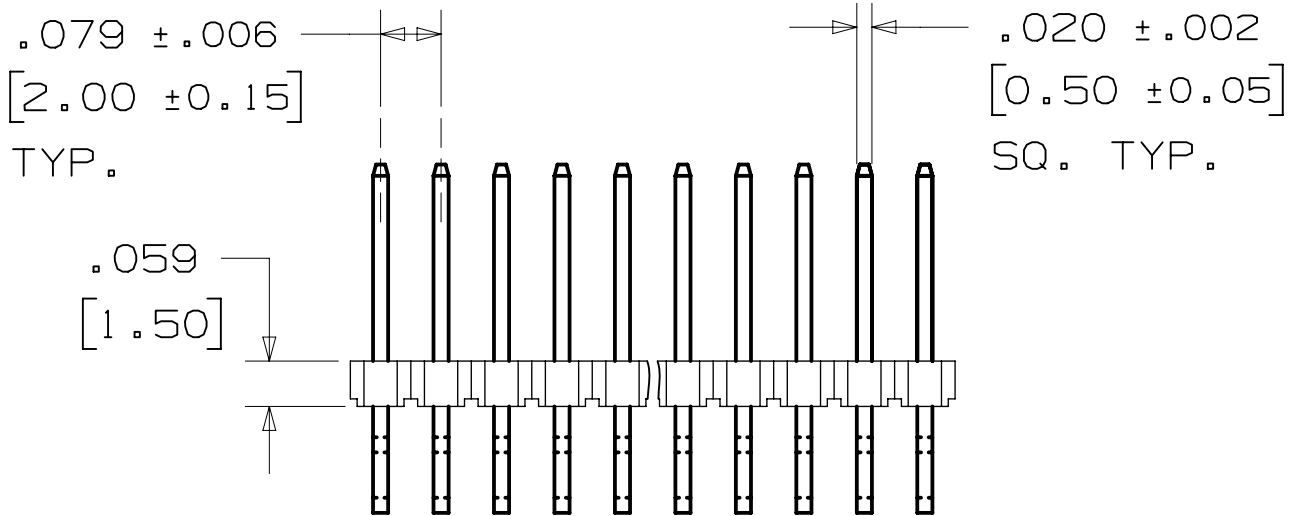
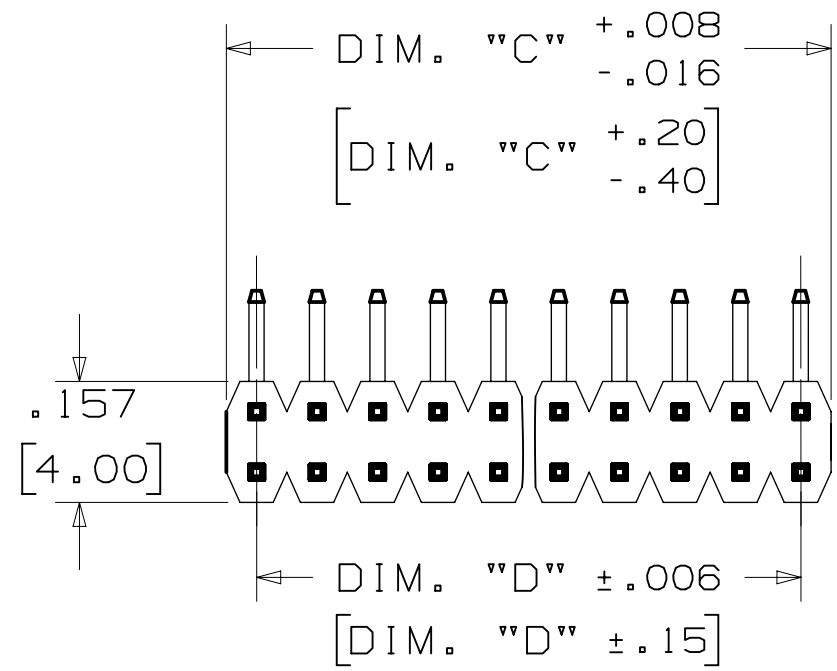
78-5100-2653-3

1

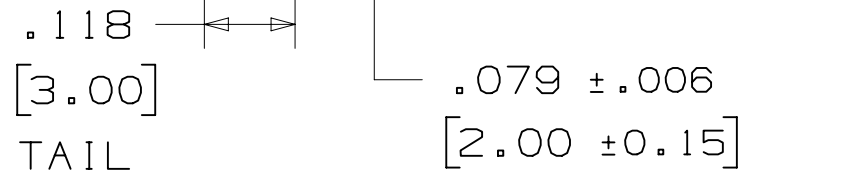
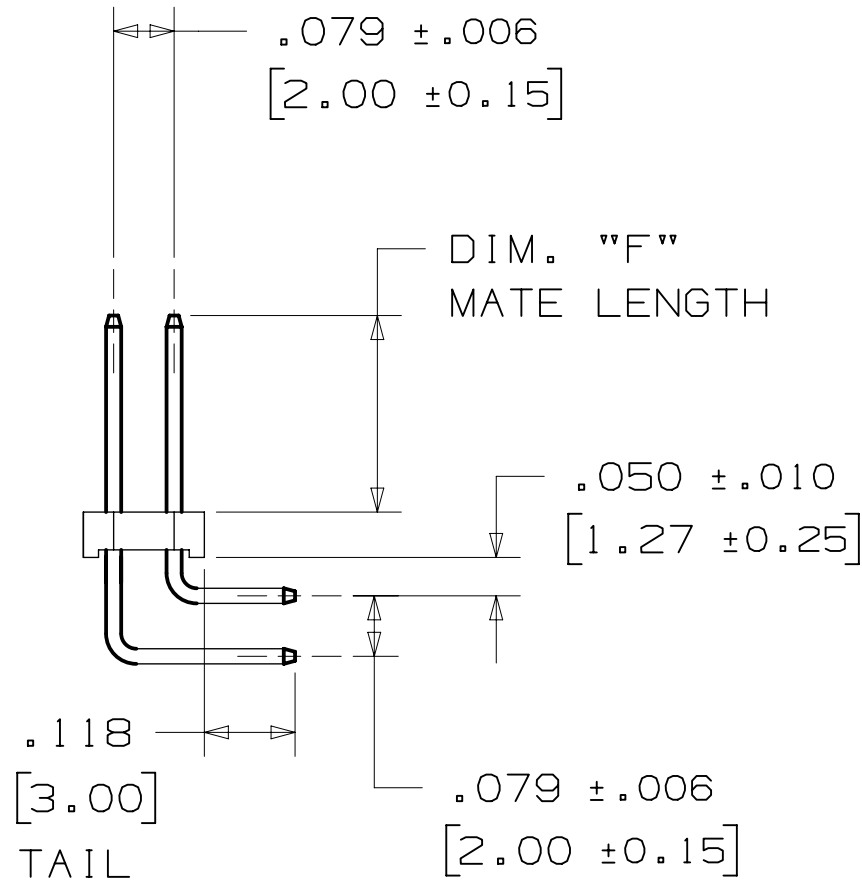
3M™ PIN STRIP HEADER, 951 SERIES
2MM AND 2MM X 2MM STRAIGHT, RIGHT ANGLE AND SURFACE MOUNT, SOLDER TAIL



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

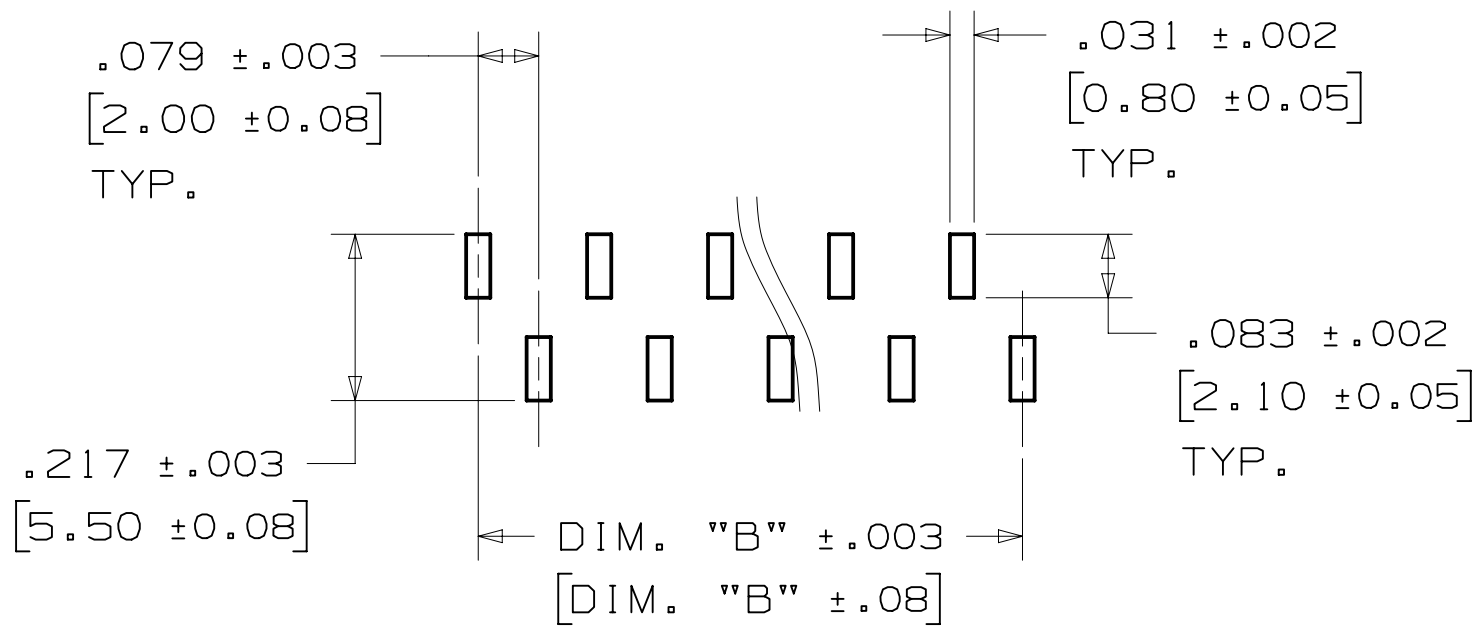
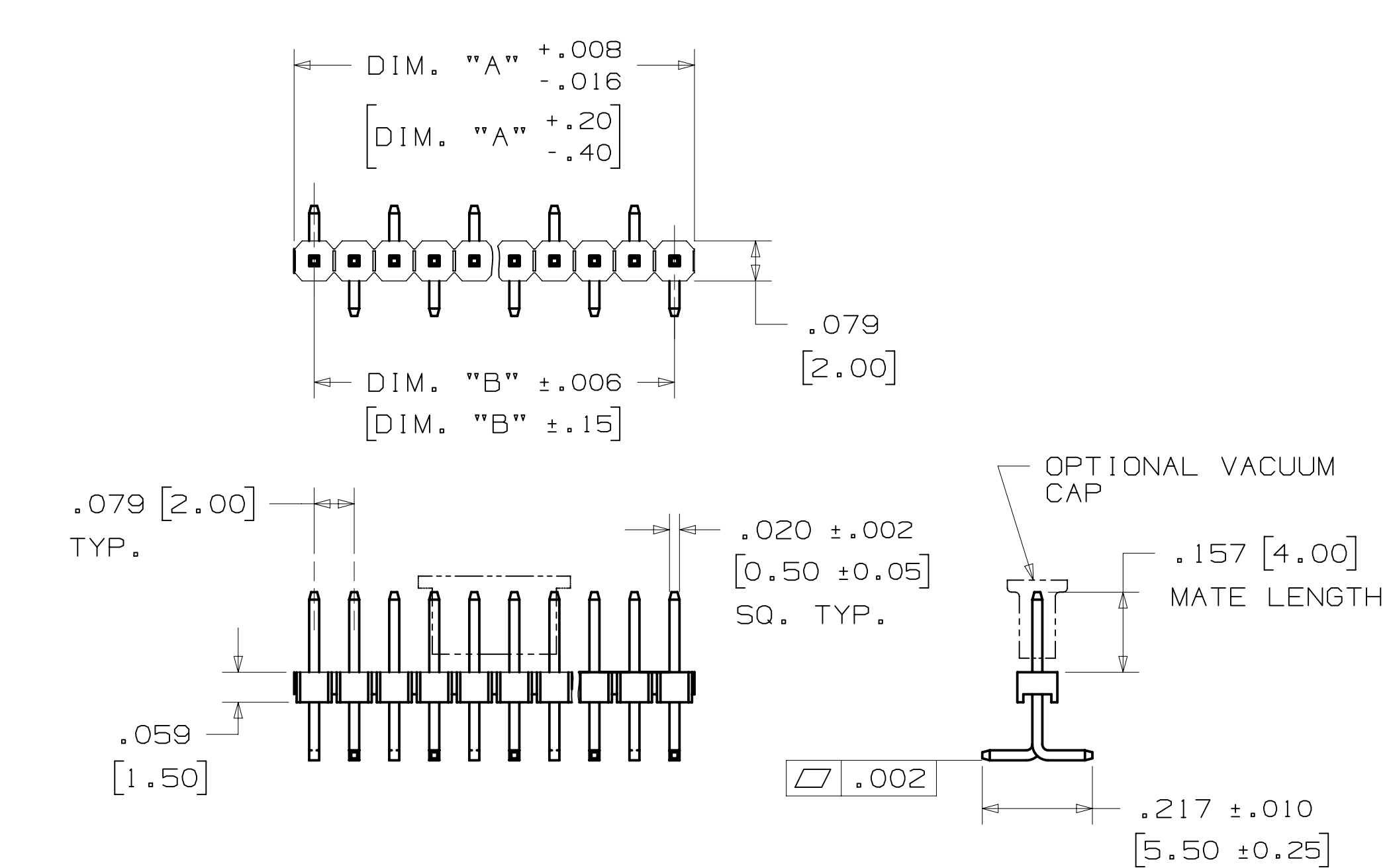
CONTACT QTY:
40 PINS = 1 ROW
80 PINS = 2 ROW

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	

DESIGN REFERENCE	NEXT ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
CODES		CHKD	CHKD	DATE	DATE	DATE
DIVISION	DIVISION CODE	CHKD	CHKD	DATE	DATE	DATE
DO NOT SCALE DRAWING	SCALE 4/1	TOLERANCES EXCEPT AS NOTED				
THIRD ANGLE PROJECTION	INTERPRET PER ASME Y14.5 - 2009	INCHES .00 .000 .0000				
MAX SURFACE ROUGHNESS	MARKED ONLY	MILLIMETERS 0 .0 .000				
TITLE		PIN STRIP HEADER, 2MM X 2MM, STRAIGHT, SMT & RA, SOLDER TAIL				
CAGE NUMBER		SIZE	DRAWING NO.	REV.		
D		78-5100-2653-3	A			
MODEL		951XXX	DET	YES	NO	SHT 3 OF 5

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)

ORDERING INFORMATION
SURFACE MOUNT VERSION

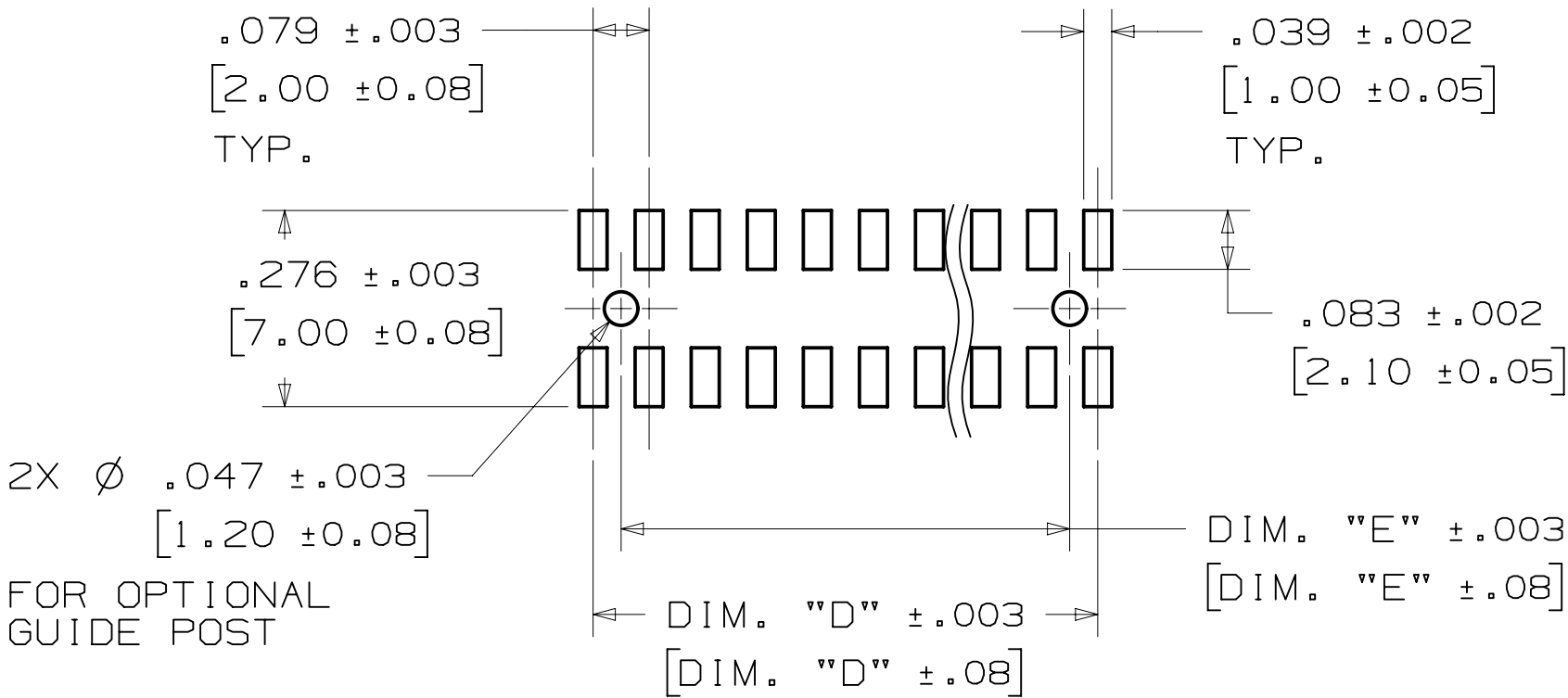
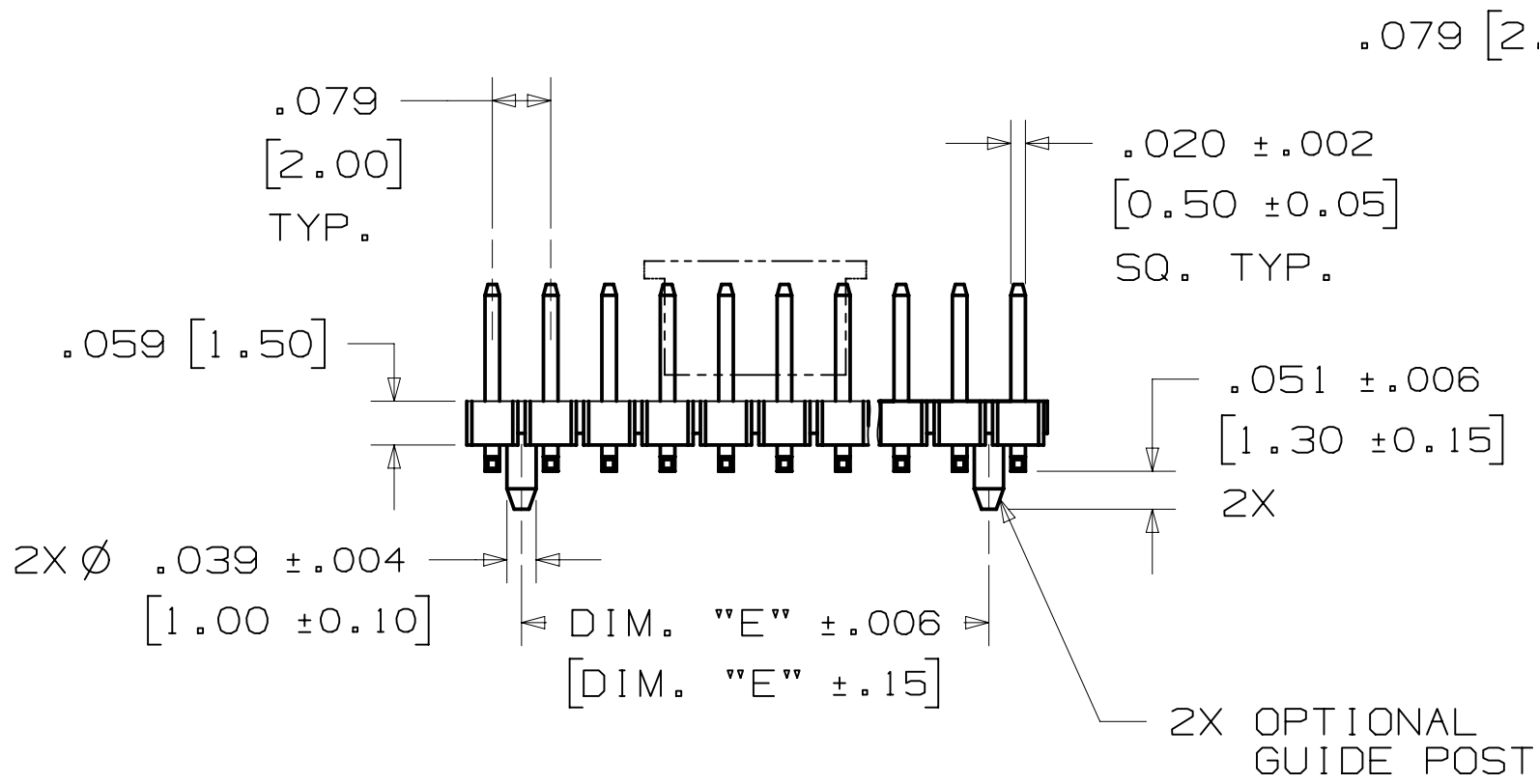
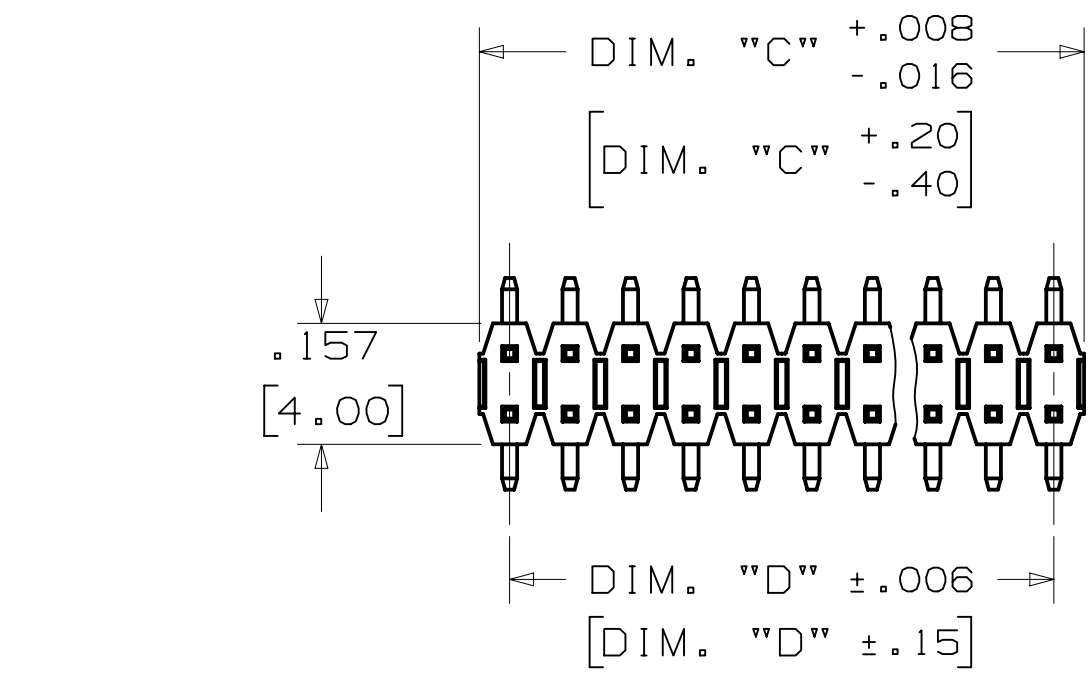
951XXX-25X0-AR-XX

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)



RECOMMENDED PC BOARD LAYOUT
(VIEWED FROM CONNECTOR SIDE)

TABLE 3	
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	

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

DESIGN REFERENCE	NEXT ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
CODES		DRP	CASTIGLIONE	DATE	DATE	DATE
		CHKD		DATE	DATE	DATE
DIVISION	DIVISION CODE	EMSD				
DO NOT SCALE DRAWING	SCALE 4/1	TOLERANCES EXCEPT AS NOTED				
THIRD ANGLE PROJECTION	INTERPRET PER ASME Y14.5 - 2009	INCHES .00 .00 .000 .0000				
MAX SURFACE ROUGHNESS	MARKED ONLY	MILLIMETERS 0 .0 .00 .000				
TITLE		PIN STRIP HEADER, 2MM X 2MM, STRAIGHT, SMT & RA, SOLDER TAIL				
CAGE NUMBER		D 78-5100-2653-3				
MODEL		951XXX				
REV.		A				

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

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		A	72044	MAR 06,2017		JNC	TS
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		3-2-17 REMOVED 2 CONNECTORS					
		PRODUCTION RELEASE					
DESIGN REFERENCE		REV	ECO	ISSUE DATE AND DESCRIPTION		DRFT	CHKD
XREF CODES		DRP	CASTIGLIONE	DATE	MFG	DATE	
		CHKD		FEB 23,2015		FEB 23,2015	
DIVISION		DIVISION CODE		APPR	DATE		
		EMSD		T. SUNIGA			
DO NOT SCALE DRAWING	SCALE 4 1	TOLERANCES EXCEPT AS NOTED		3M 3M Center St. Paul, MN 55144			
	THIRD ANGLE PROJECTION	INCHES .00 .000 .000 ± .0000 ±		© 3M COPYRIGHT 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.			
INTERPRET PER ASME Y14.5 - 2009		MILLIMETERS 0 ± .0 ±.00 ± .000 ±		TITLE PIN STRIP HEADER, 2MM X 2MM, STRAIGHT, SMT & RA, SOLDER TAIL			
MAX SURFACE ROUGHNESS		CAGE NUMBER		SIZE	DRAWING NO.	REV.	
SURFACES		D78-5100-2653-3				A	
☒ MARKED ONLY		MODEL 951XXX		DET		SHT 5 OF 5	
				LISTS		YES NO	

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