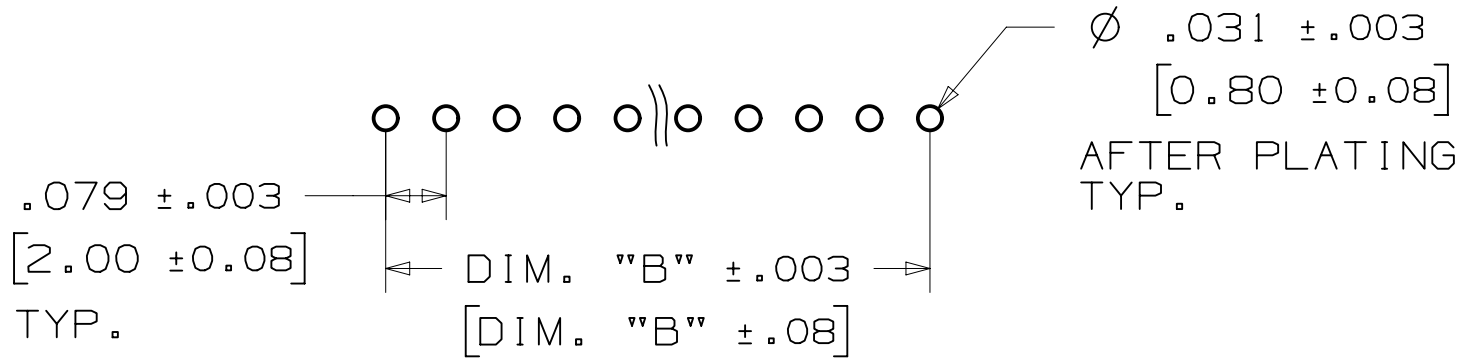
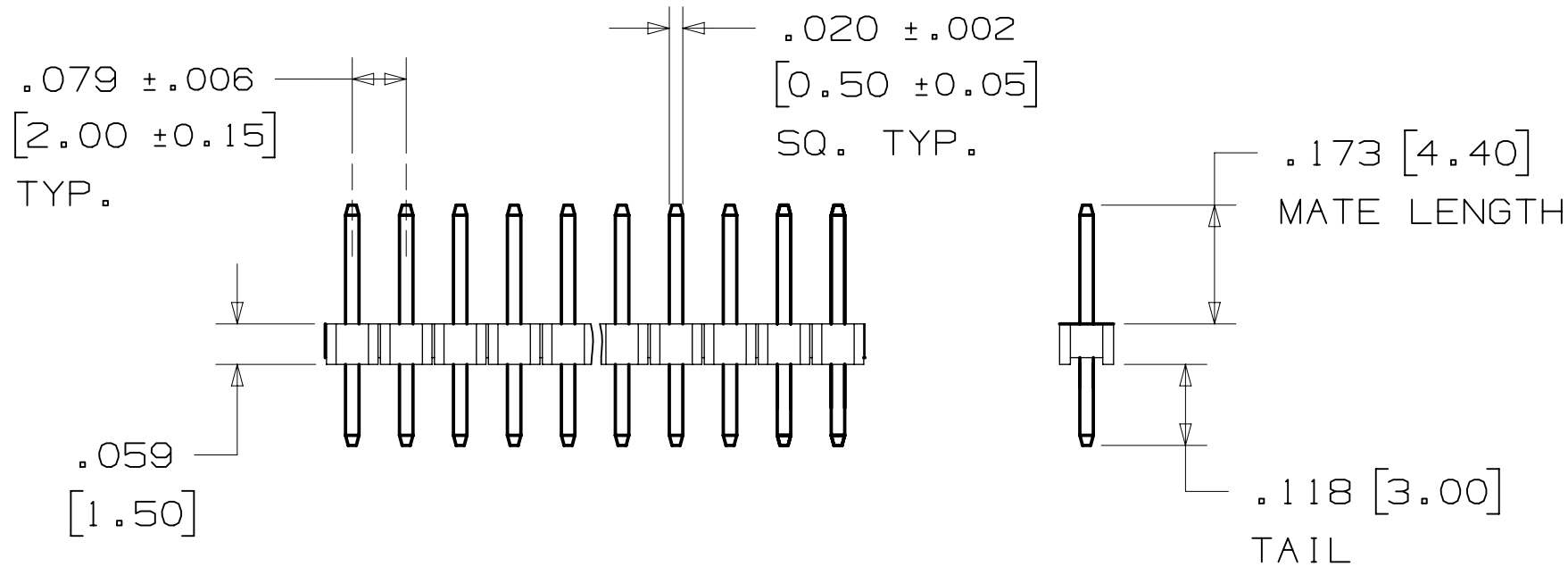
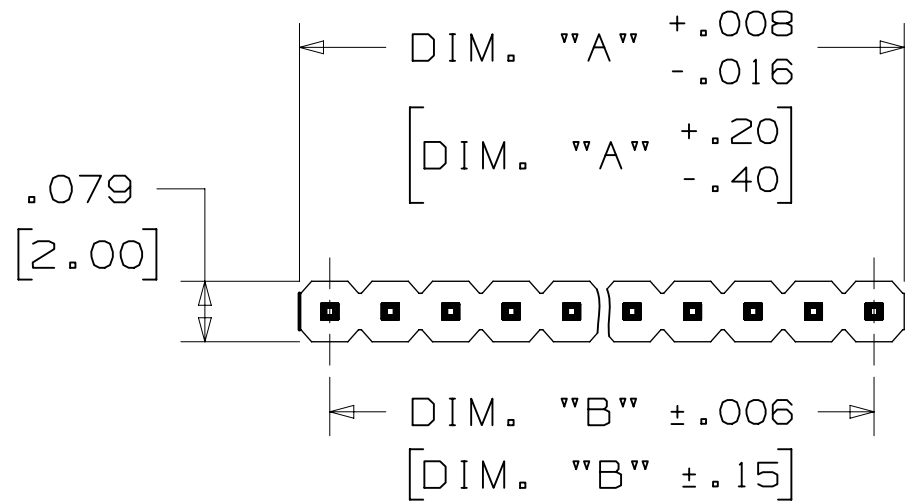
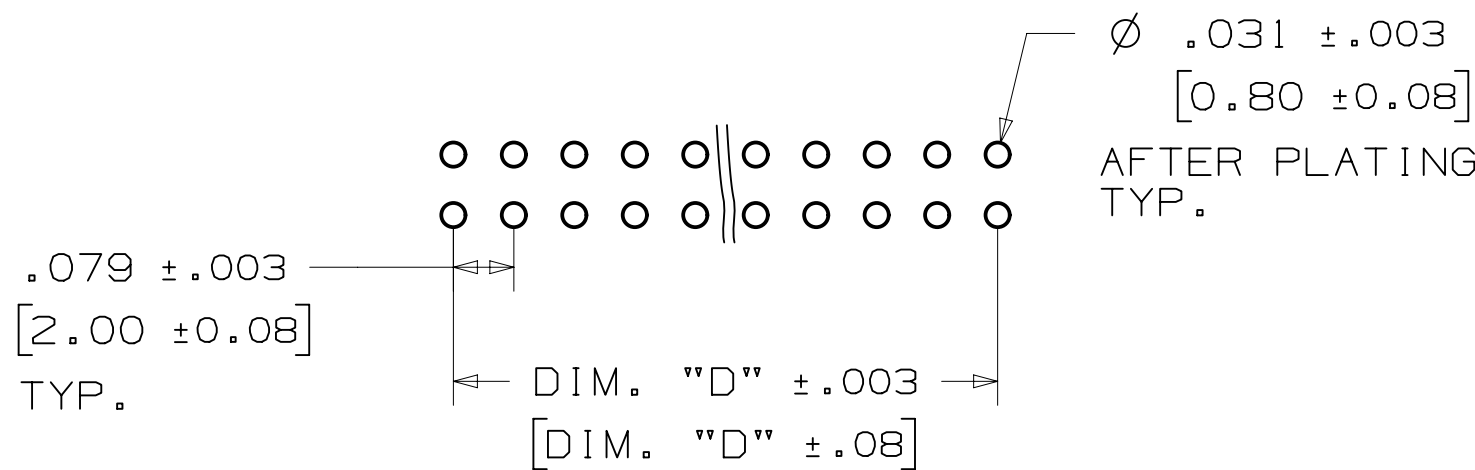
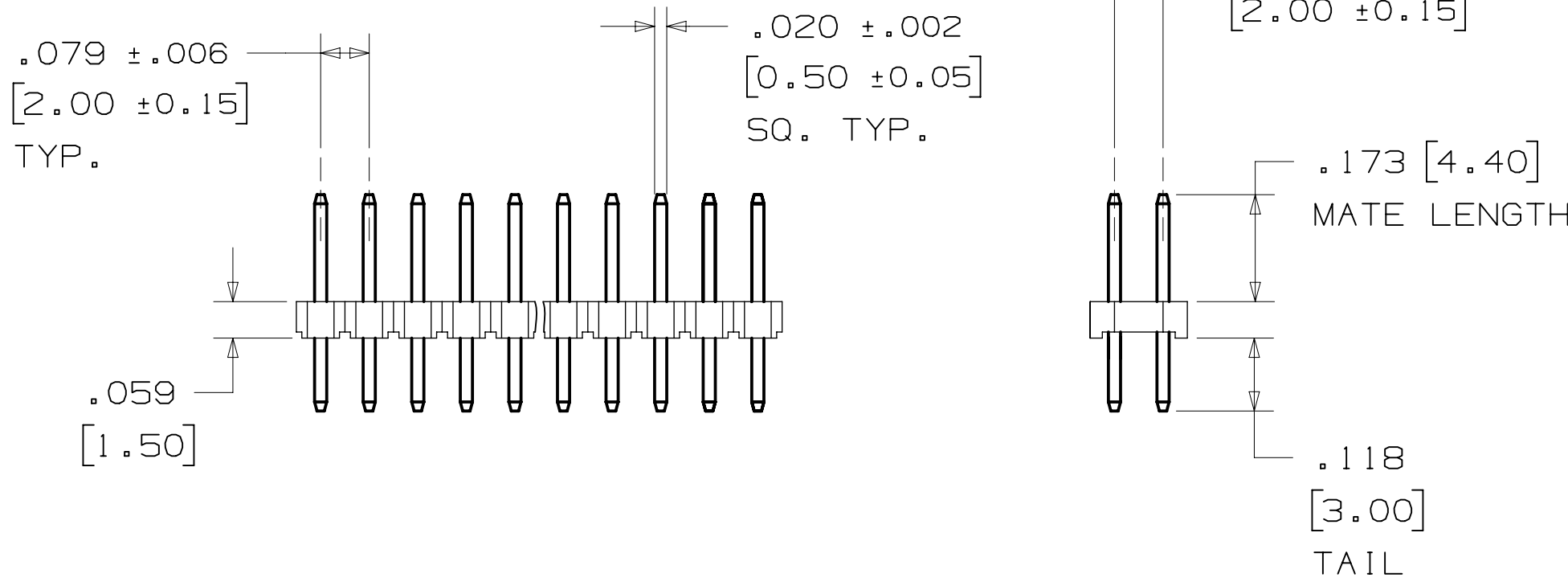
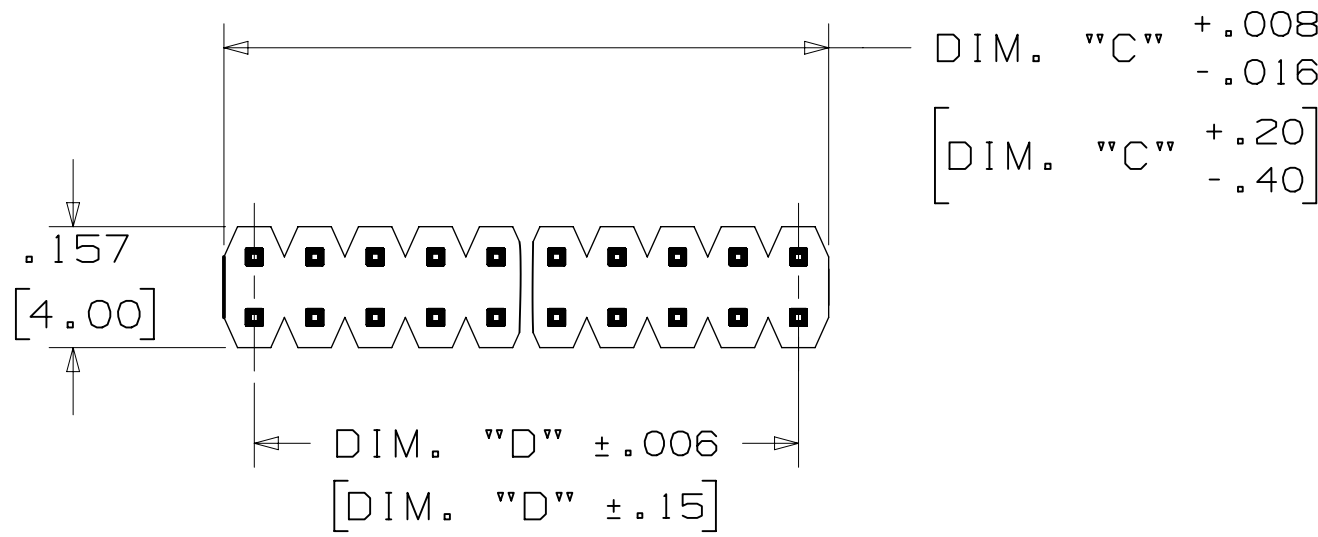




3M™ PIN STRIP HEADER, 951 SERIES  
2MM AND 2MM X 2MM STRAIGHT, RIGHT ANGLE AND SURFACE MOUNT, SOLDER TAIL



RECOMMENDED PC BOARD LAYOUT  
(VIEWED FROM CONNECTOR SIDE)



RECOMMENDED PC BOARD LAYOUT  
(VIEWED FROM CONNECTOR SIDE)

ORDERING INFORMATION  
STRAIGHT VERSION

951XXX-8622-AR

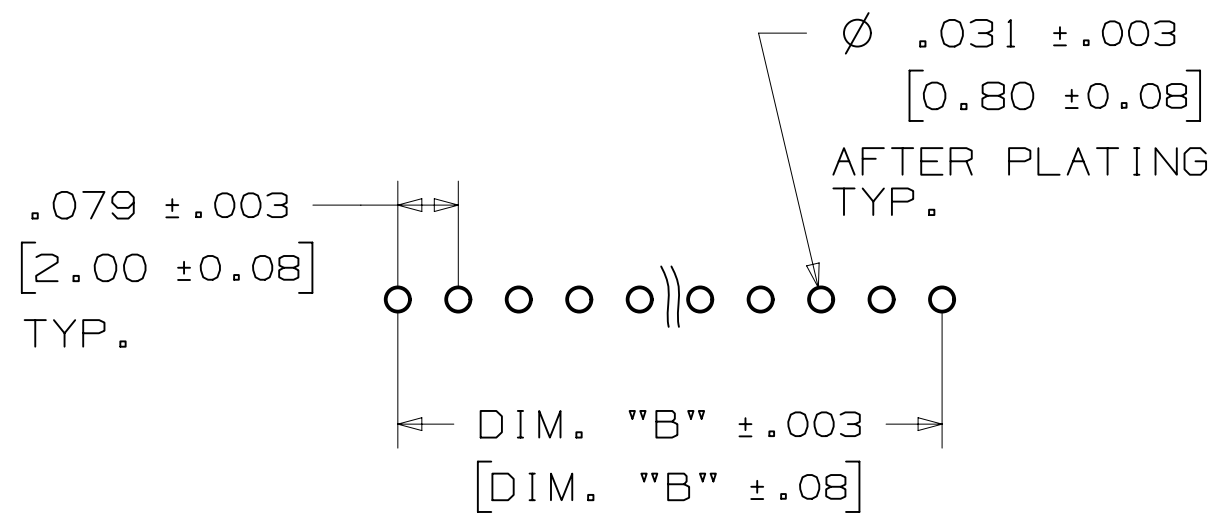
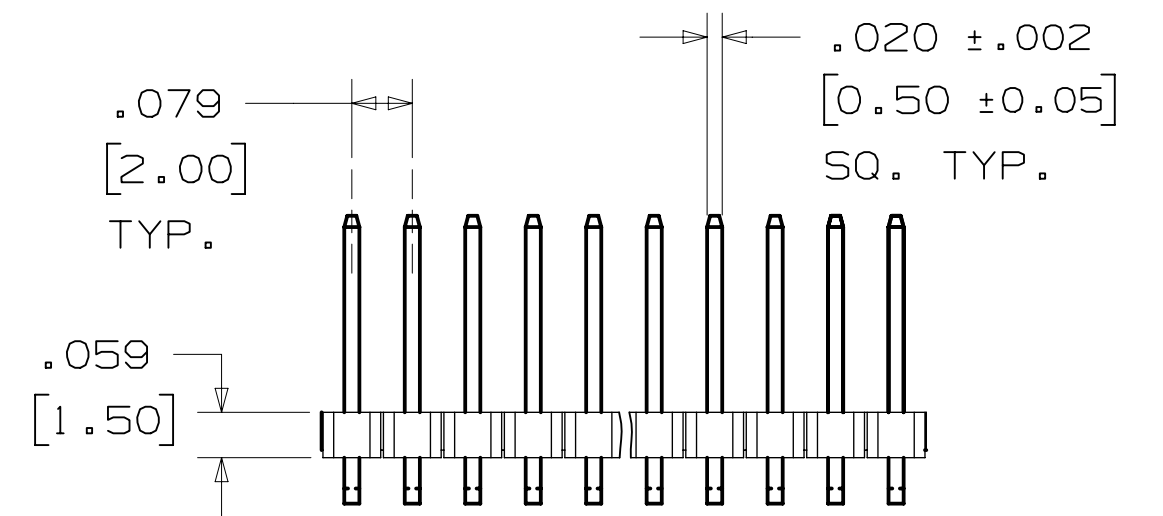
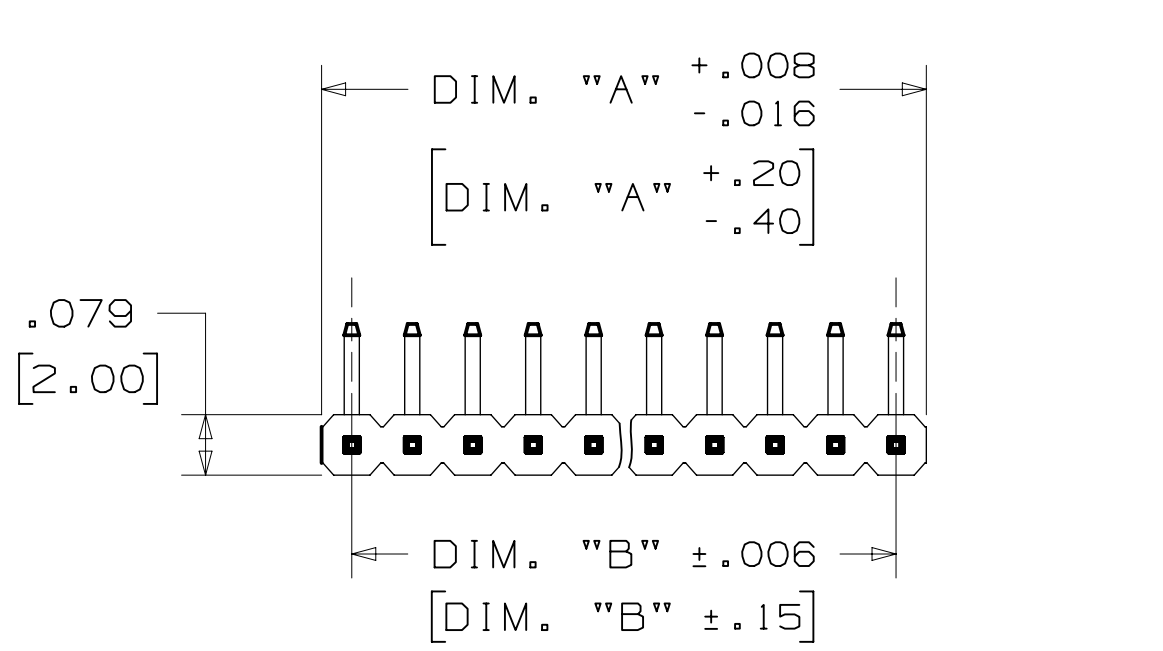
No. OF ROWS: 1 = 1 ROW  
2 = 2 ROW

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

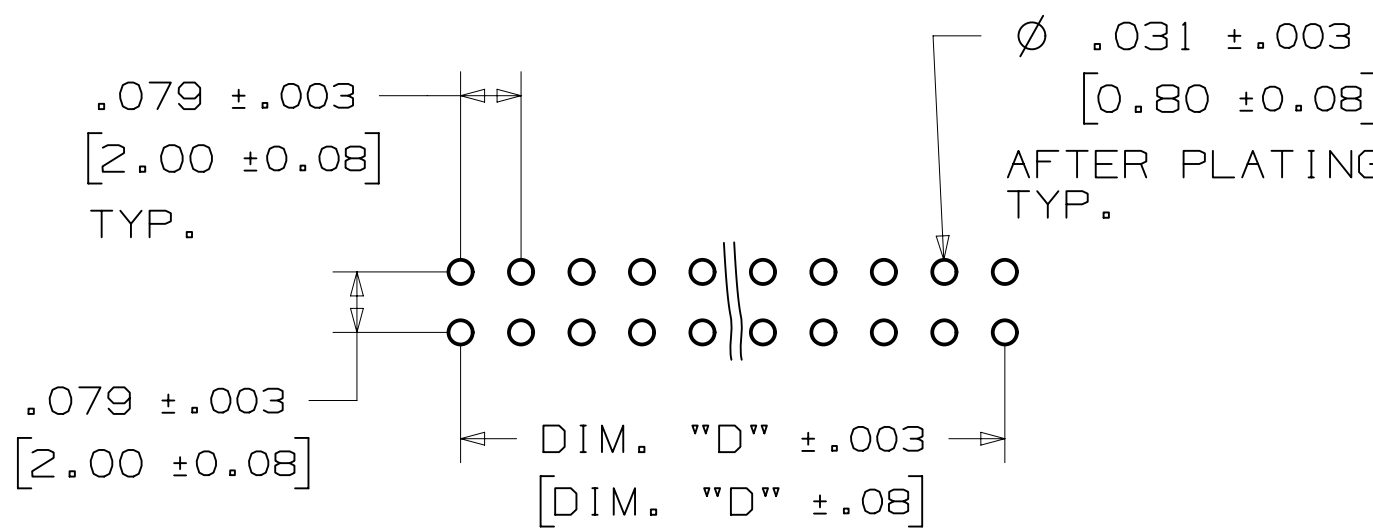
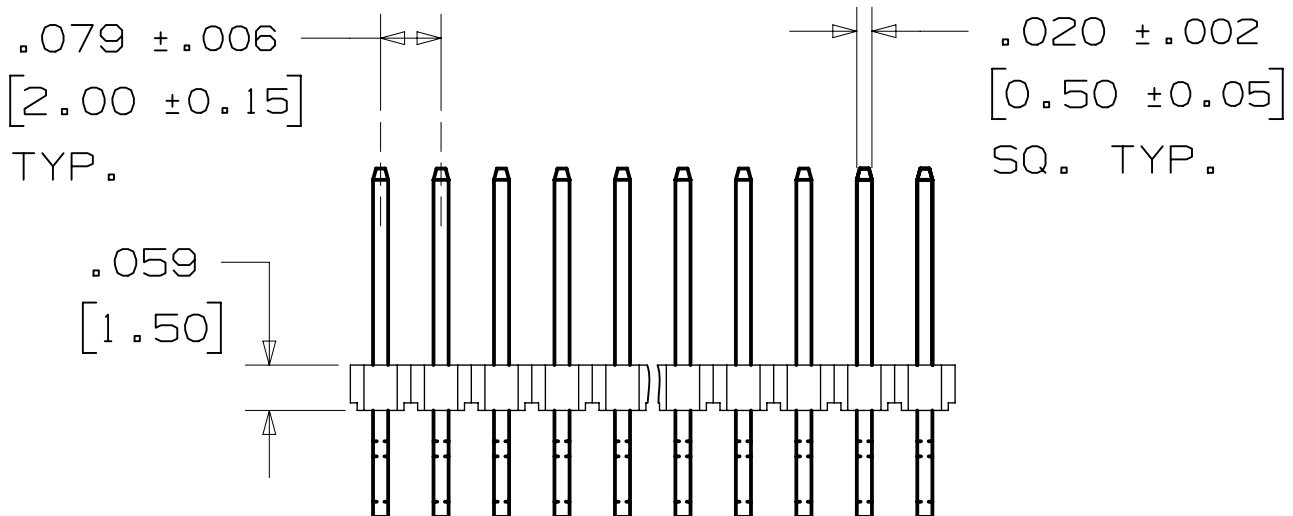
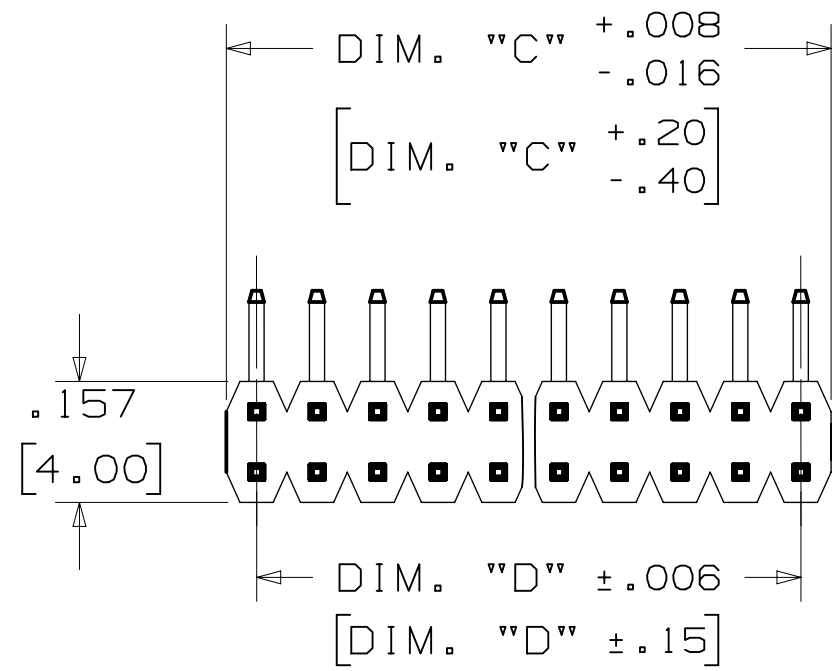
TABLE 1	
DIM. "A"	.079 [2.00] X N
DIM. "B"	.079 [2.00] X (N-1)
DIM. "C"	.079 [2.00] X (N/2)
DIM. "D"	.079 [2.00] X (N/2-1)
SEE NOTE 3	

DESIGN REFERENCE	NEXT ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
3M 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		INCHES .00 .000 .0000		© 3M COPYRIGHT 2017		
INTERPRET PER ASME Y14.5 - 2009		MILLIMETERS 0 .0 .00 .000		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		INCHES .00 .000 .0000		TITLE		
MARKED SURFACES		MILLIMETERS 0 .0 .00 .000		PIN STRIP HEADER, 2MM X 2MM, STRAIGHT, SMT & RA, SOLDER TAIL		
MARKED ONLY		ANGLES		CAGE NUMBER		
				D 78-5100-2653-3		
				MODEL 951XXX		
				DET		
				LISTS		
				YES		
				NO		
				SHT 2 OF 5		

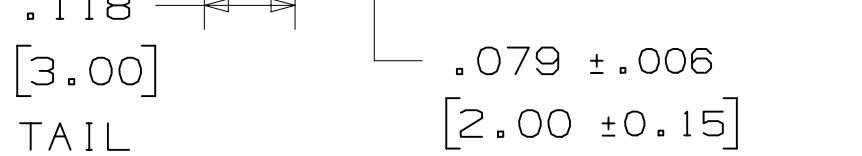
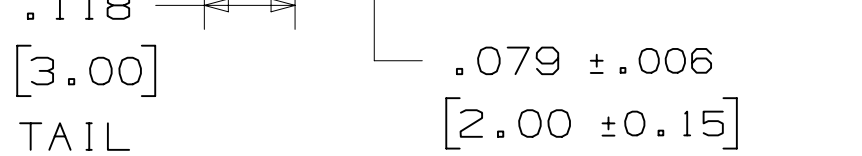
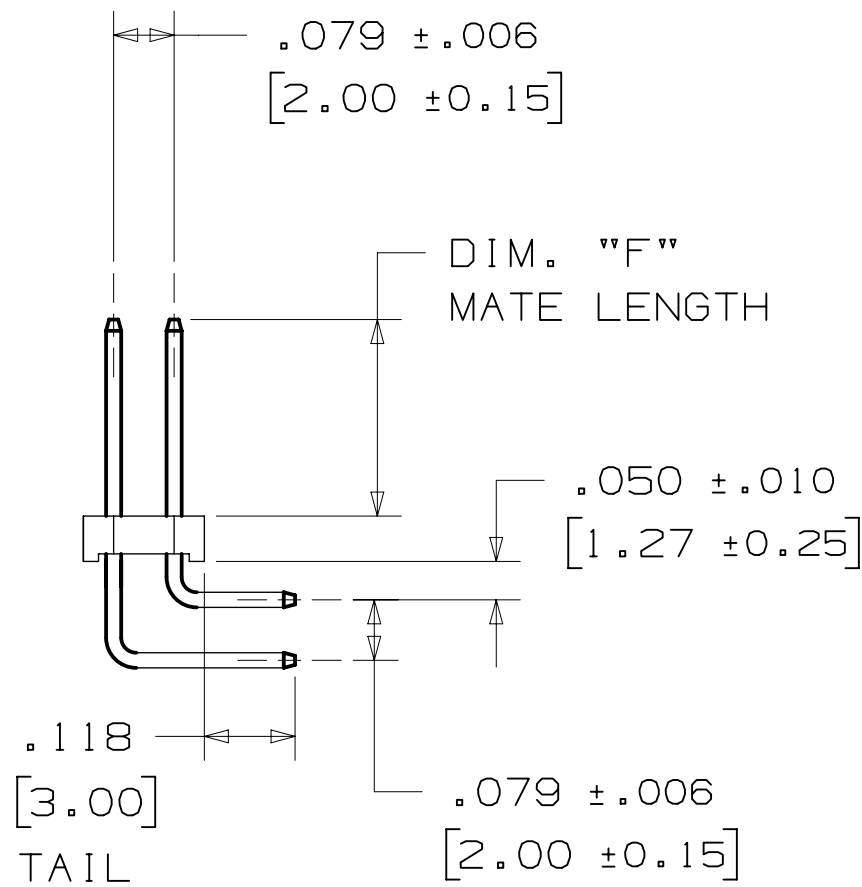
3M™ PIN STRIP HEADER, 951 SERIES  
2MM AND 2MM X 2MM STRAIGHT, RIGHT ANGLE AND SURFACE MOUNT, SOLDER TAIL



RECOMMENDED PC BOARD LAYOUT  
(VIEWED FROM CONNECTOR SIDE)



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

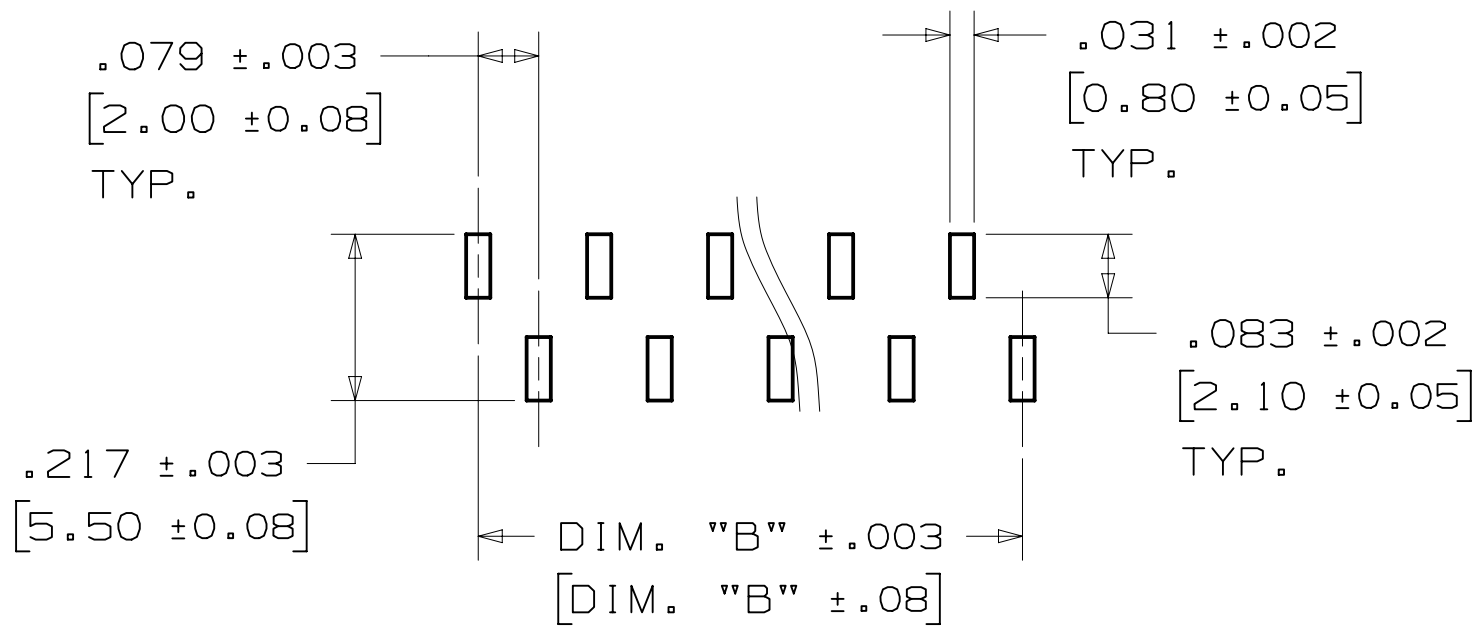
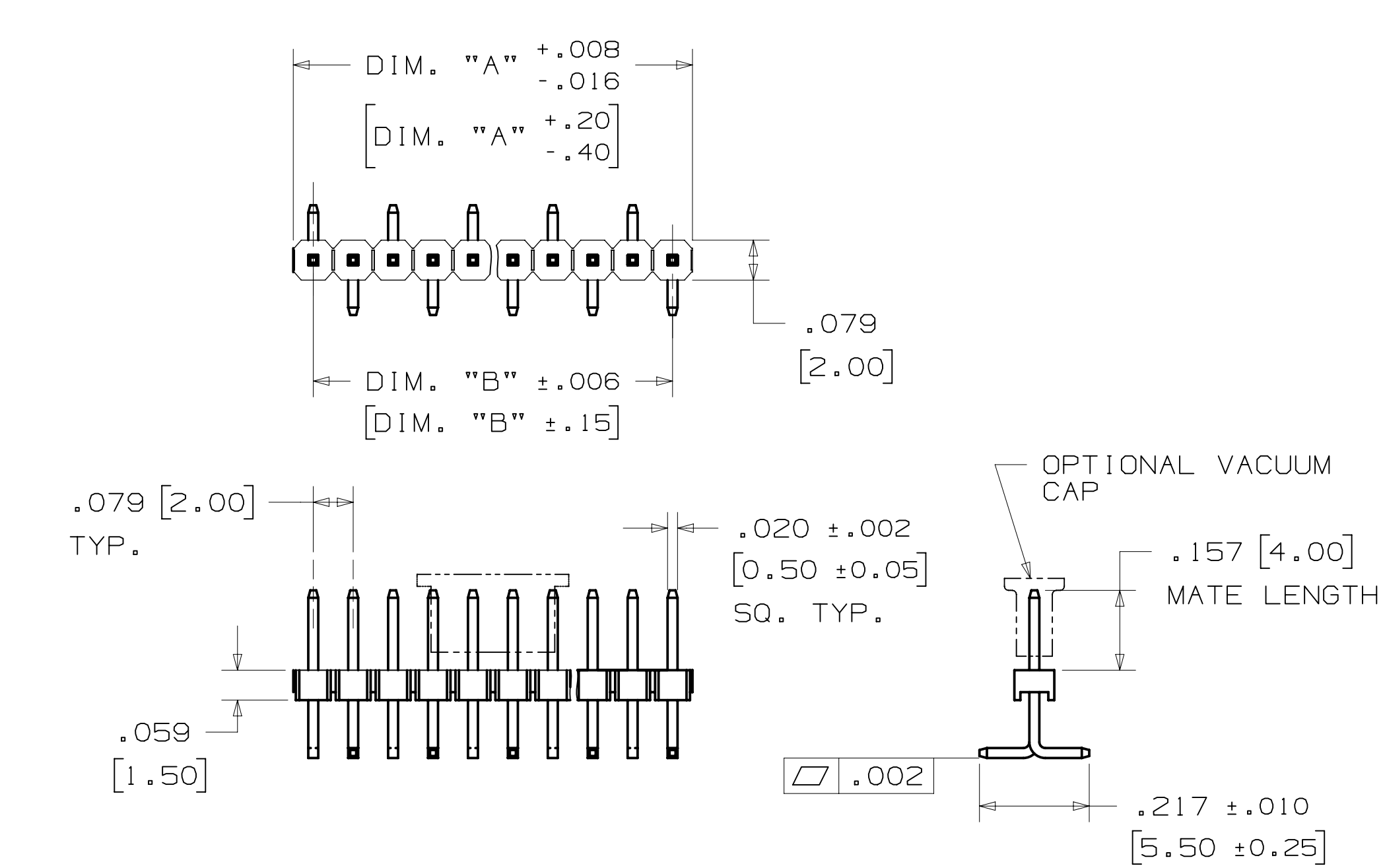
CONTACT QTY:  
40 PINS = 1 ROW  
80 PINS = 2 ROW

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		CASTIGLIONE		FEB 23, 2015		
DIVISION	DIVISION CODE	CHKD		DATE	APPR	DATE
	EMSD				T. SUNIGA	FEB 23, 2015
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 .00 .000				
		3M				
		PIN STRIP HEADER, 2MM X 2MM, STRAIGHT, SMT & RA, SOLDER TAIL				
		CAGE NUMBER 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



RECOMMENDED PC BOARD LAYOUT  
(VIEWED FROM CONNECTOR SIDE)

ORDERING INFORMATION  
SURFACE MOUNT VERSION

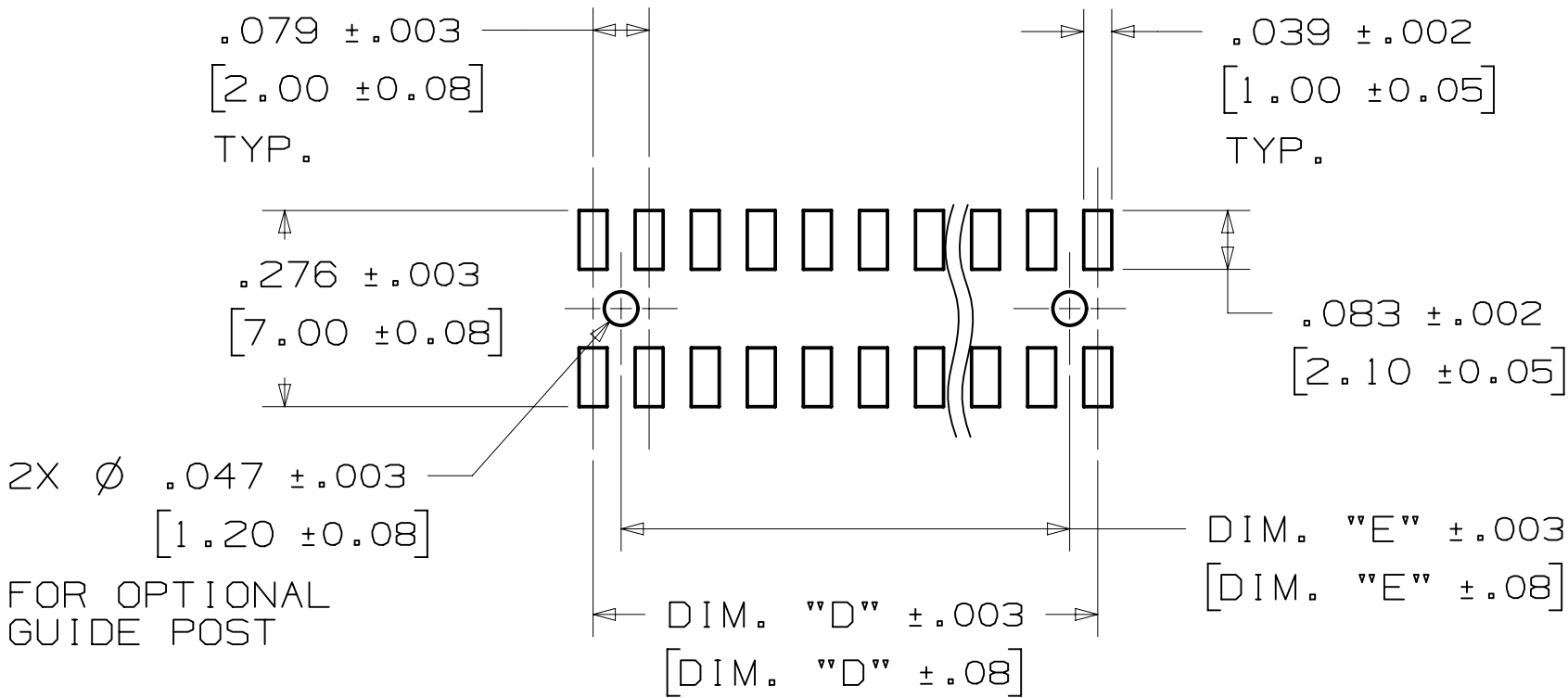
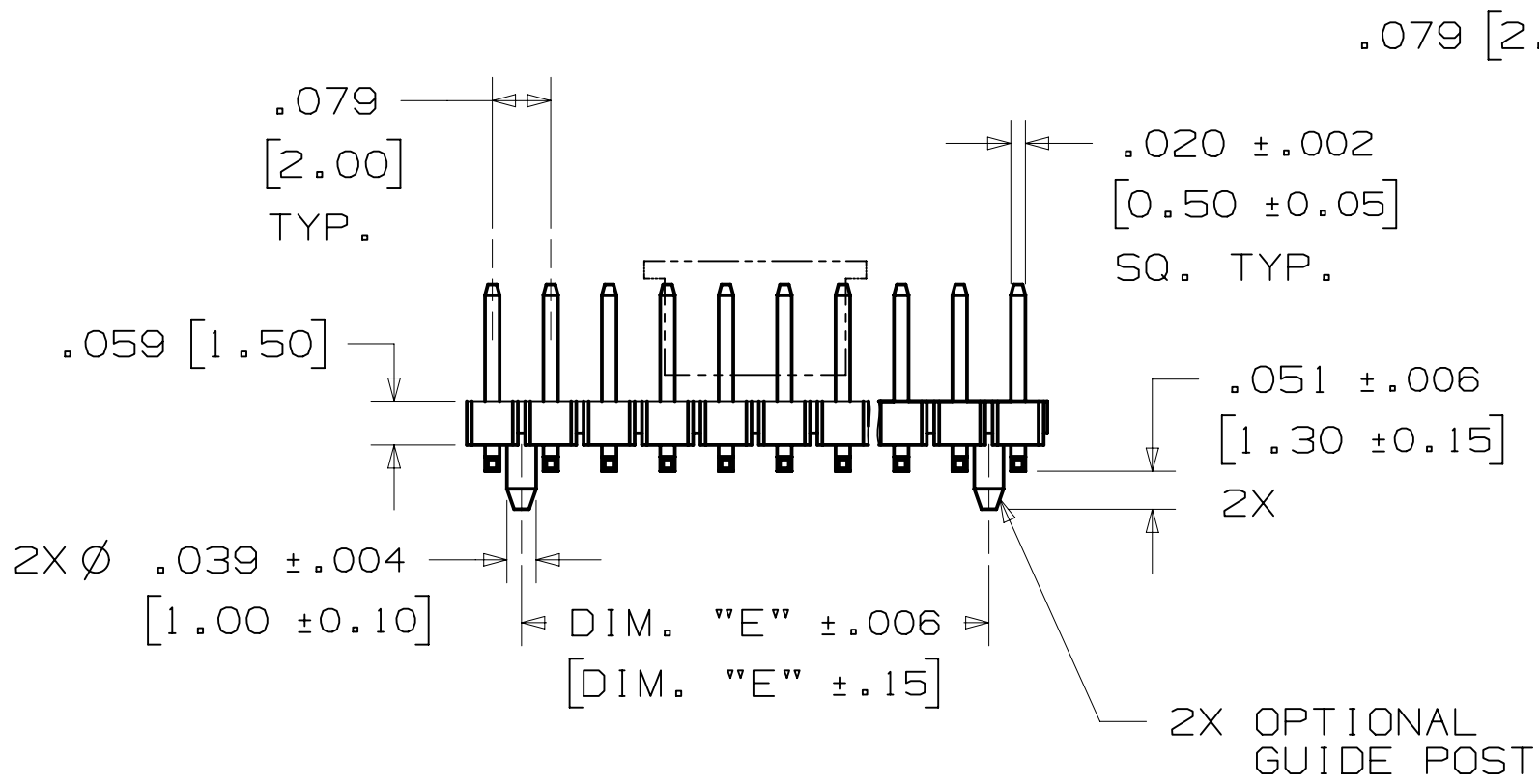
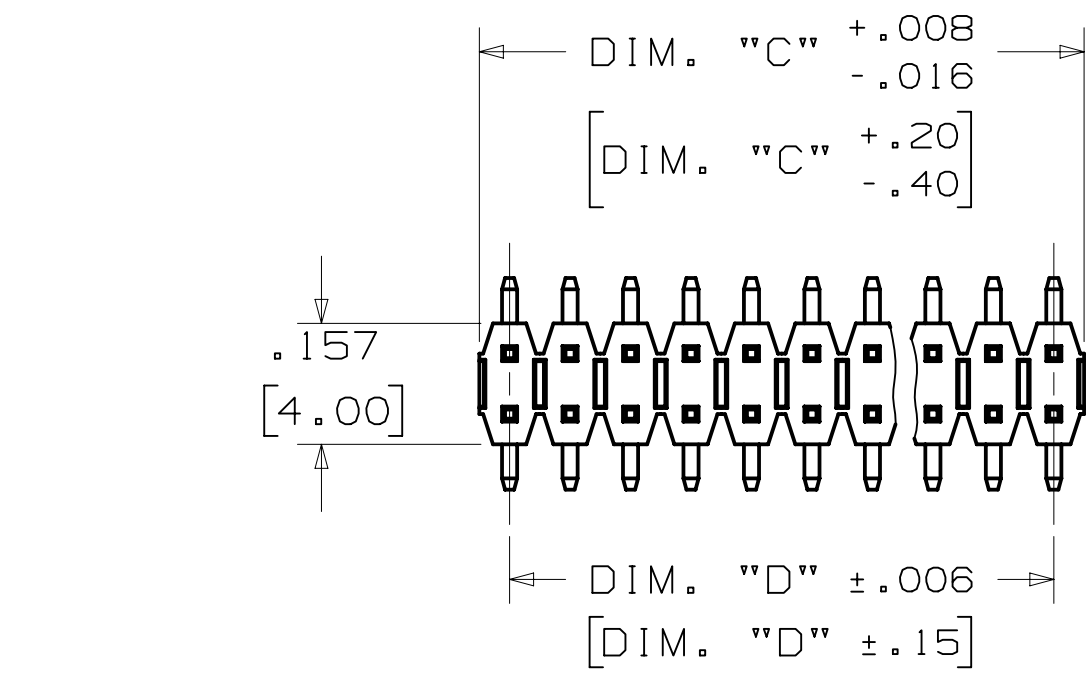
951XXX-25X0-AR-XX

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	FEB 23, 2015	MFG	DATE
		CHKD		DATE	APPR	DATE
					T. SUNIGA	FEB 23, 2015
DIVISION		DIVISION CODE				
		EMSD				
DO NOT SCALE DRAWING	SCALE 4/1	TOLERANCES EXCEPT AS NOTED				
		INCHES				
		.00				
		.002				
		.000				
		.0000				
THIRD ANGLE PROJECTION		MILLIMETERS				
		0				
		.0				
		.00				
		.000				
MAX SURFACE ROUGHNESS		ANGLES				
INTERPRET PER ASME Y14.5 - 2009						
MARKED SURFACES						
MARKED ONLY						
TITLE		CAGE NUMBER	SIZE	DRAWING NO.	REV.	
PIN STRIP HEADER, 2MM X 2MM, STRAIGHT, SMT & RA, SOLDER TAIL		D	78-5100-2653-3	A		
MODEL		951XXX				
DET		LISTS	YES	NO	SHT	4 OF 5

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
		REVISE ELECTRICAL NOTES					
		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	INTERPRET PER ASME Y14.5 - 2009	INCHES .00 .000 .000 ± .000 ±		© 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.			
MAX SURFACE ROUGHNESS	INTERPRET PER ASME Y14.5 - 2009	MILLIMETERS 0 ± .0 ± .00 ± .000 ±		PIN STRIP HEADER, 2MM X 2MM, STRAIGHT, SMT & RA, SOLDER TAIL			
MARKED ONLY		CAGE NUMBER	SIZE	DRAWING NO.	REV.		
		D	78-5100-2653-3	A			
		MODEL	951XXX	DET	YES	NO	SHT 5 OF 5