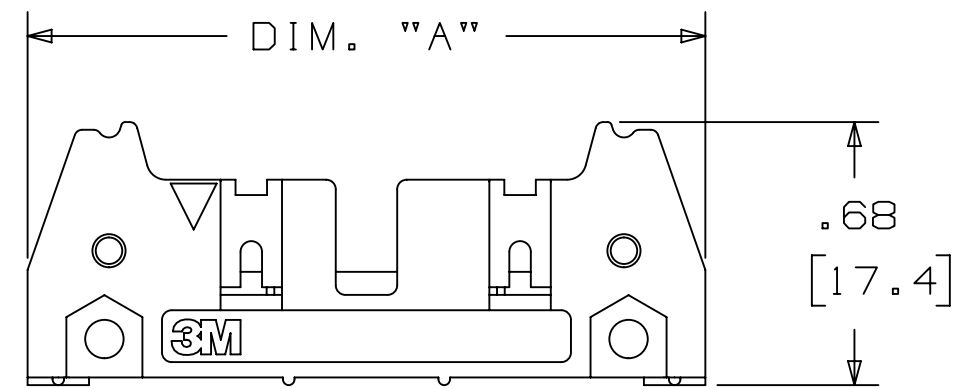


.100" X .100" LATCH/EJECTOR, STRAIGHT AND RIGHT ANGLE



Technical drawing of a mechanical assembly. Dimensions shown include: $.424 \pm .010$, $[10.77 \pm 0.25]$, $.08$, $[2.0]$, $(.97)$, $[(24.7)]$, and $9.5]$. The drawing includes a 3M logo and a dashed line indicating a curved surface.

X3XXX - XXXXXX

4	A
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3M™ THREE-WALL HEADER, 3000 SERIES

.100" X .100" LATCH/EJECTOR, STRAIGHT AND RIGHT ANGLE

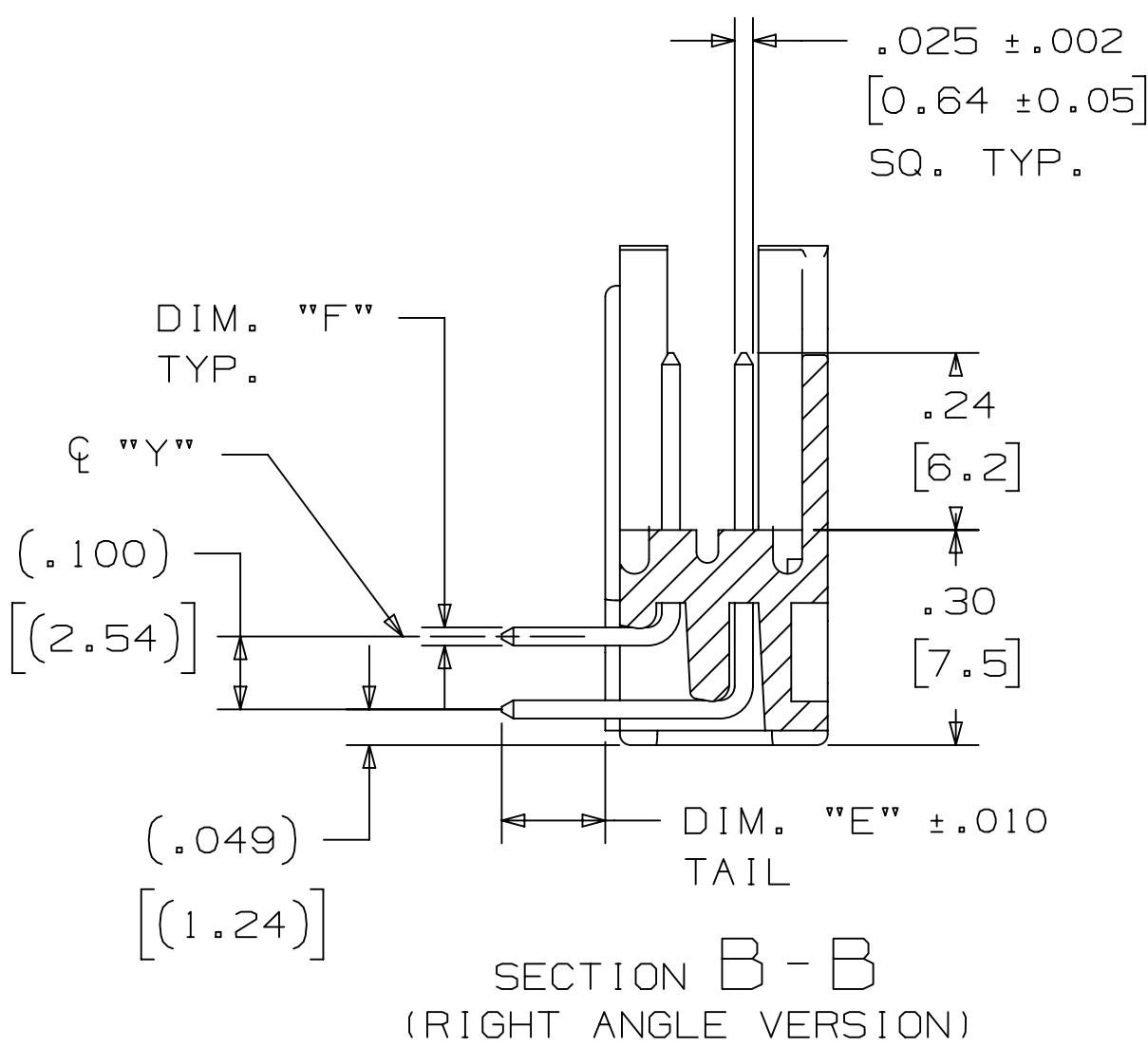
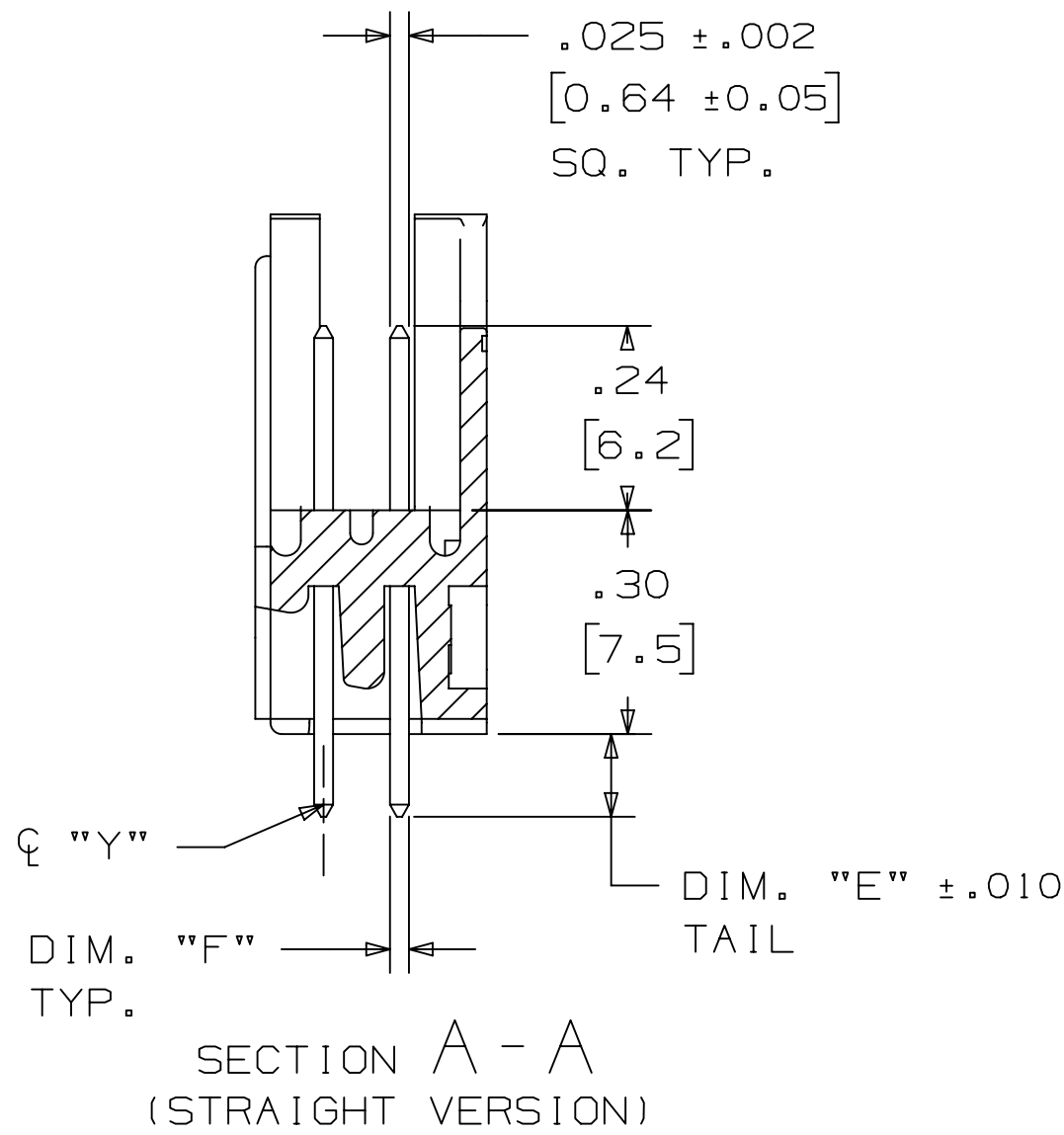
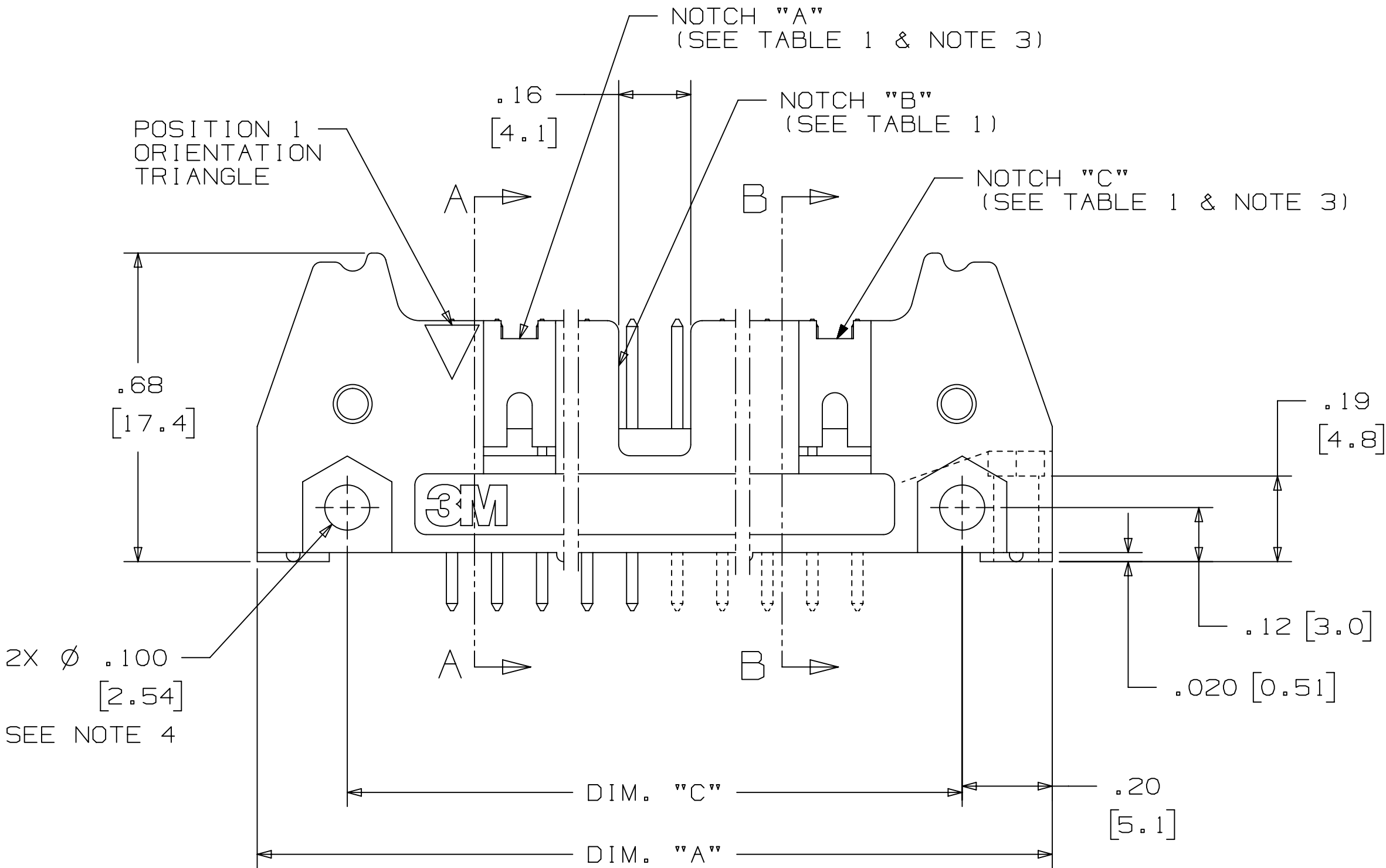
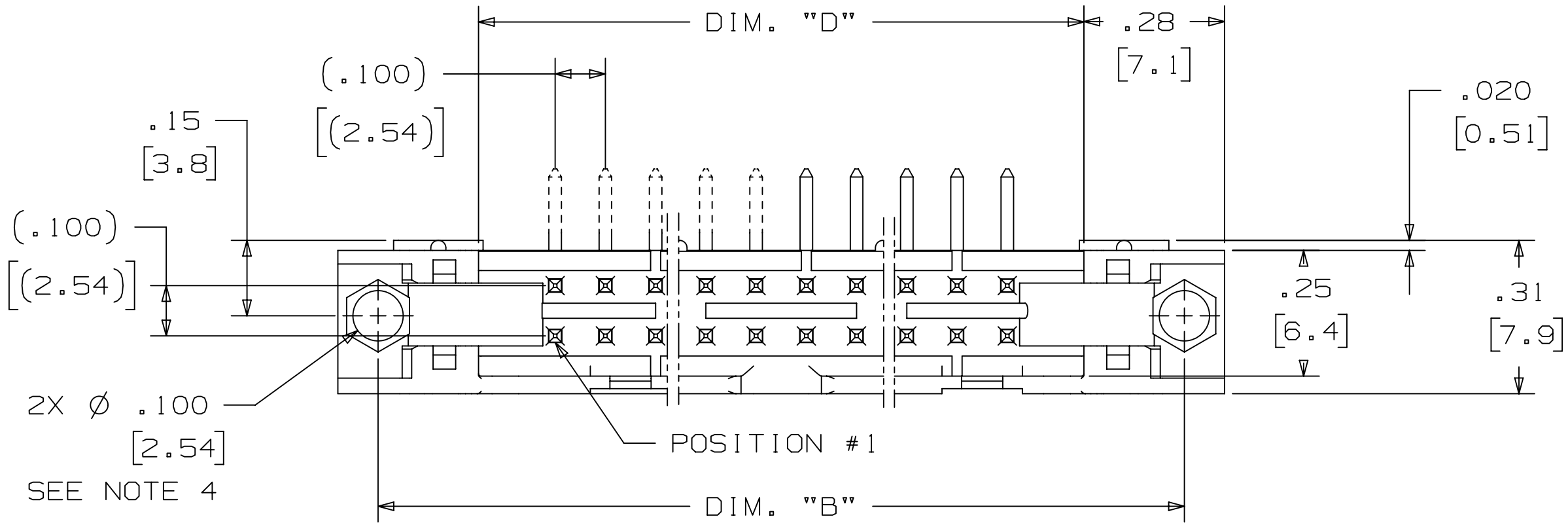


TABLE 1							
PIN QTY.	3M PART NUMBER	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"	POLARIZING NOTCHES	PIN QTY.
10	3793	1.26 [32.1]	1.105 [28.04]	.865 [21.97]	.71 [18.0]	BC	10
14	3314	1.46 [37.2]	1.305 [33.12]	1.065 [27.05]	.91 [23.1]	BC	14
16	3408	1.56 [39.7]	1.405 [35.66]	1.165 [29.59]	1.01 [25.6]	ABC	16
20	3428	1.76 [44.8]	1.604 [40.74]	1.365 [34.67]	1.21 [30.7]	ABC	20
26	3429	2.06 [52.4]	1.905 [48.36]	1.665 [42.29]	1.51 [38.3]	ABC	26
34	3431	2.46 [62.6]	2.305 [58.52]	2.065 [52.45]	1.91 [48.5]	ABC	34
40	3432	2.76 [70.2]	2.605 [66.14]	2.365 [60.07]	2.21 [56.1]	ABC	40
50	3433	3.26 [82.9]	3.105 [78.84]	2.865 [72.77]	2.71 [68.8]	ABC	50
60	3372	3.76 [95.6]	3.605 [91.54]	3.365 [85.47]	3.21 [81.5]	ABC	60
64	3764	3.96 [100.7]	3.805 [96.62]	3.565 [90.55]	3.41 [86.6]	ABC	64

TABLE 2						
3M PART NUMBER SUFFIX	CONTACT TAIL	DIM. "E"	PIN CROSS SECTION			DIM. "G"
-1XX2	.062 [1.57] THICK PC BOARD	.112 [2.84]	DIM. "F" .0245+/- .0005 [.622]	DIAGONALS .028+/- .001 [.71]	CORNER RADIUS .0075 REF. [.191]	.035+/- .003 [.89] SEE NOTE 5
-2XX2						
-1X03	.094 [2.39] TO .125 [3.18] THICK PC BOARD	.155 [3.94]	.0245+/- .0005 [.622]	.028+/- .001 [.71]	.0075 REF. [.191]	.035+/- .003 [.89]
-2X03						

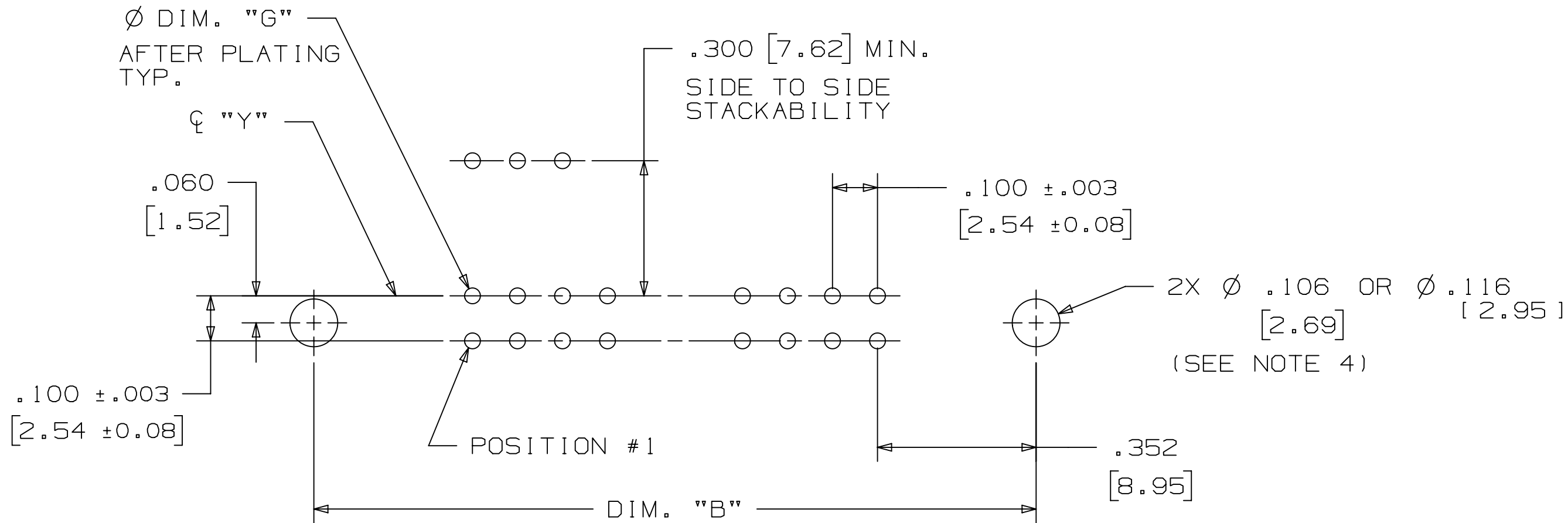


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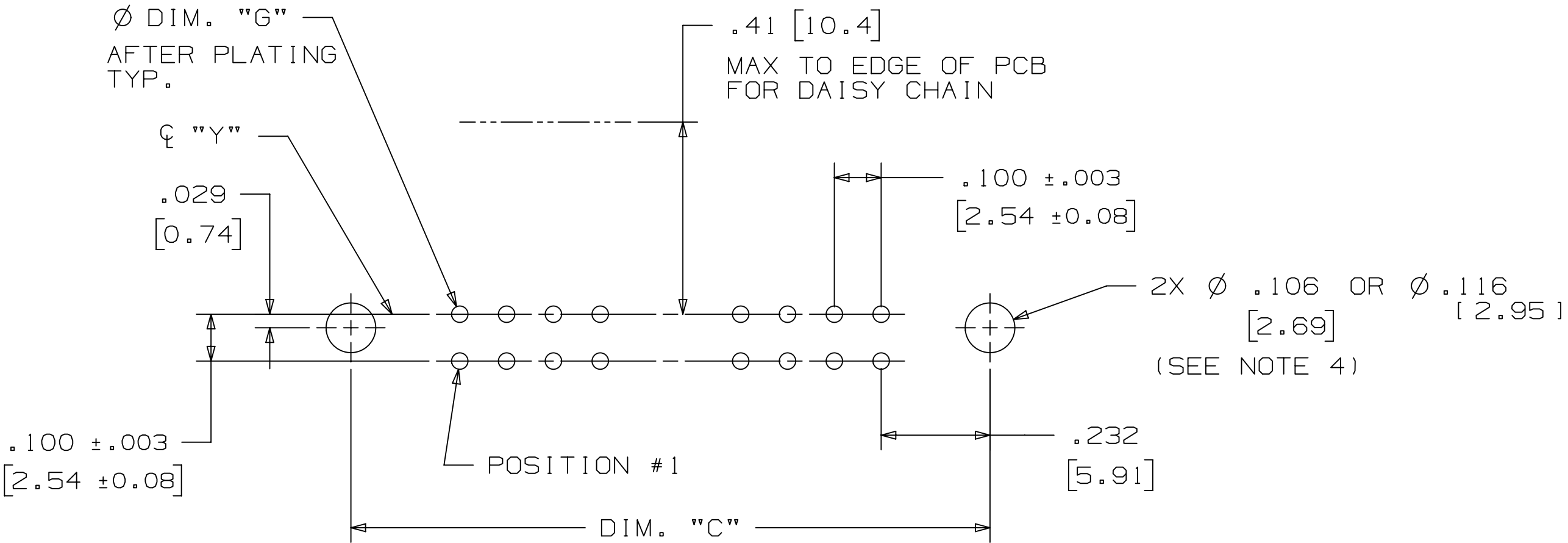
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INFORMATION CALL 800-225-5373

DESIGN REFERENCE	NEXT ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD				
XXXXXX	XXXXXX	DRFT	CASTIGLIONE	DATE AUG 05,2014	MFG	DATE				
CHKD		CHKD		DATE	APPR	DATE				
					R. SCHERER	SEP 05,2014				
DIVISION	Interconnect Solutions	DIVISION CODE	EMSD	3M Center St. Paul, MN 55144						
DO NOT SCALE DRAWING	SCALE	TOLERANCES EXCEPT AS NOTED								
	THIRD ANGLE PROJECTION	INCHES								
		.0 ±.1 .00 ±.01 .000 ±.005 .0000 ±.0002								
	MAX. SURFACE ROUGHNESS	MILLIMETERS								
		0 ± .0 ± .00 ± .000 ±								
		ANGLES								
MARKED ONLY										
TITLE		HEADER, 3-WALL, .100 X .100 LATCH/EJECTOR, STRAIGHT AND RA								
CAGE NUMBER		SIZE	DRAWING NO.	REV.						
D			78-5100-0771-5	L						
MODEL		3400	DET	LISTS	YES	NO				
					SHT	2 OF 5				

3M™ THREE-WALL HEADER, 3000 SERIES
.100" X .100" LATCH/EJECTOR, STRAIGHT AND RIGHT ANGLE



RECOMMENDED MOUNTING HOLE PATTERN
(STRAIGHT VERSION)



RECOMMENDED MOUNTING HOLE PATTERN
(RIGHT ANGLE VERSION)

PART CUSTOMIZATION

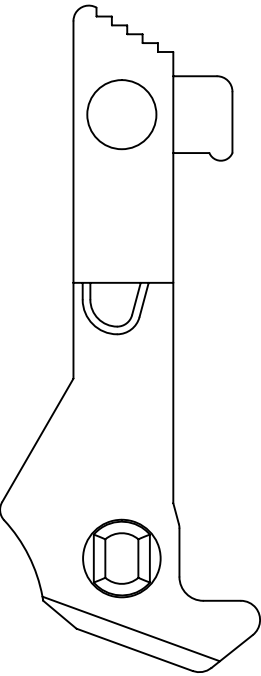
THIS SPEC SHEET DETAILS OUR STANDARD OFFERING.

3M HAS SEVERAL CAPABILITIES THAT CAN PROVIDE A PART TAILORED TO YOUR SPECIFIC NEEDS. ASK YOUR 3M SALES REPRESENTATIVE OR CUSTOMER SERVICE FOR MORE DETAILS.

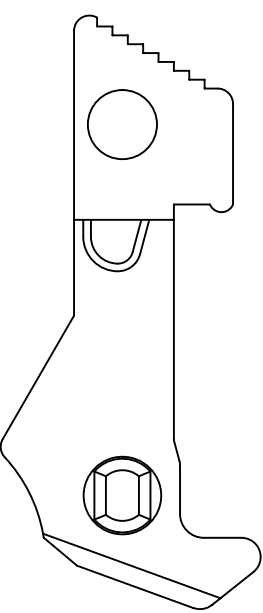
BOTH SNAP-IN AND ROLL PIN LATCHES MAY BE ORDERED SEPARATELY. SNAP-IN AND ROLL PIN STYLE LATCHES ARE DIMENSIONALLY AND FUNCTIONALLY EQUIVALENT. IF ORDERING SNAP-IN OR ROLL PIN STYLE LATCHES SEPARATELY, PLEASE USE THE BELOW CHART.

MATERIAL	SHORT LATCH	LONG LATCH	LATCH STYLE	COLOR
HIGH TEMP. (PCT)	N3505-2B	N3505-3B	ROLL PIN	BLACK
HIGH TEMP (PPA)	N3505-30B	N3505-31B	SNAP-IN	BLACK

- * SELECTIVE PIN REMOVAL (ATA OR OTHER COMPATABILITY)
- * WIRE WRAP TAILS STYLE

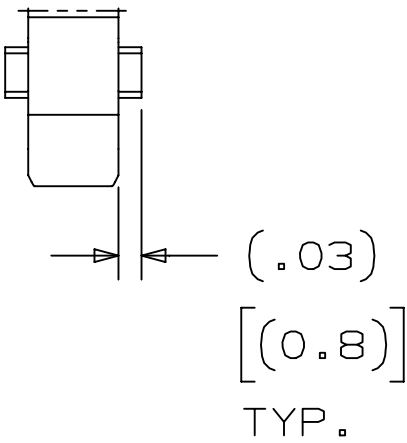


LONG



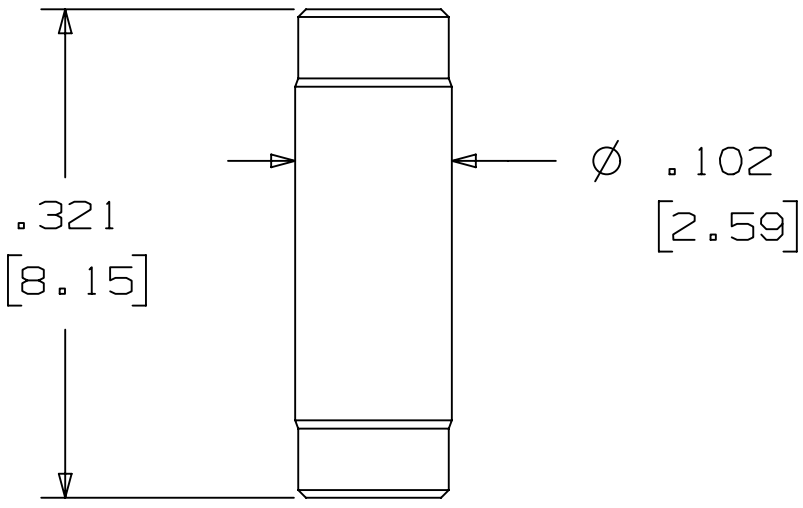
SHORT

SNAP-IN LATCHES



NOTE:
SNAP-IN LATCHES CAN ONLY BE ORDERED SEPARATELY AND ARE THE CUSTOMERS RESPONSIBILITY TO INSTALL.

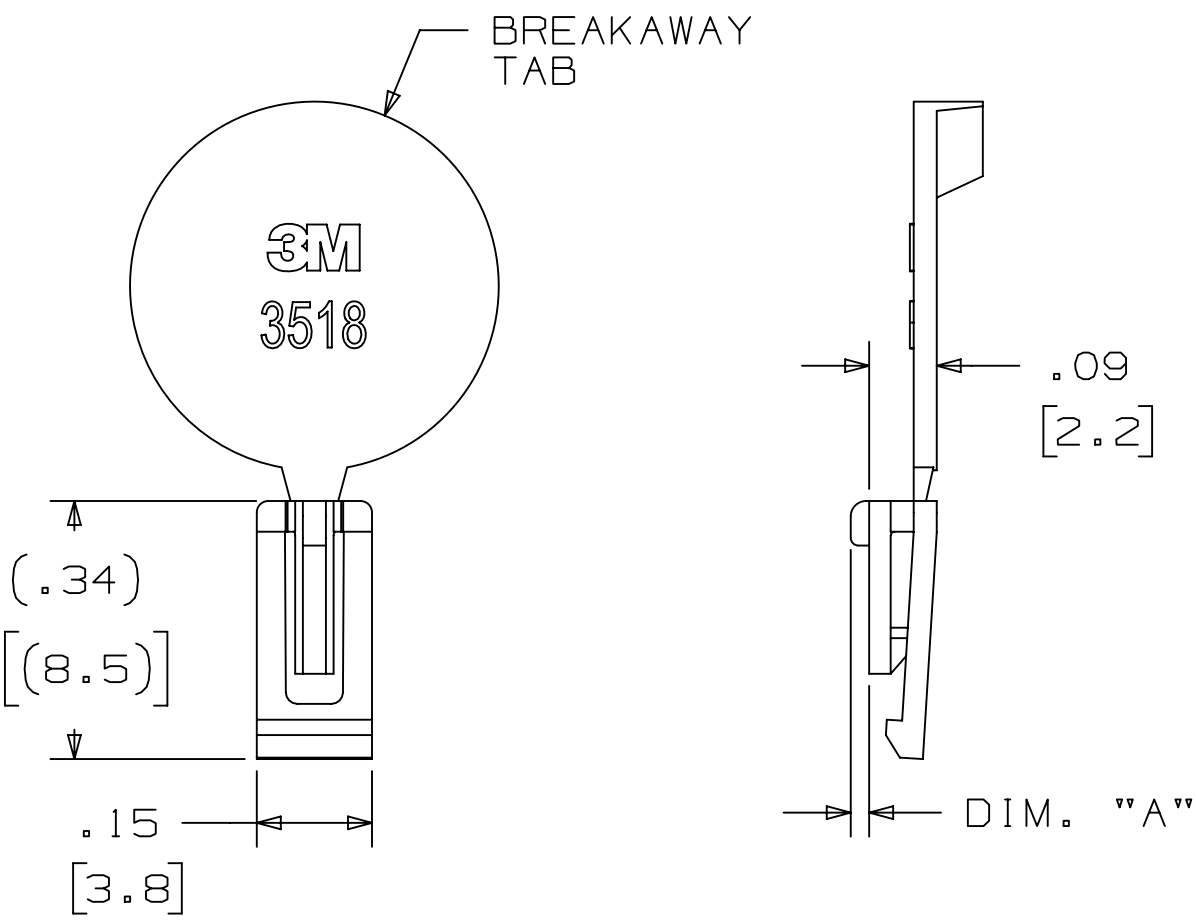
POLARIZING POST



3M PART NO.	MATERIAL	COLOR
3201-4	LCP	BLACK

NOTE:
INSERT POST INTO ONE MOUNTING
HARDWARE HOLE ON BOTTOM OF HEADER.
SET POST TO PROTRUDE .115 [2.92]

POLARIZING KEY



3M PART NO.	MATERIAL	COLOR	DIM. "A"
N3518	LCP	BLACK	.02

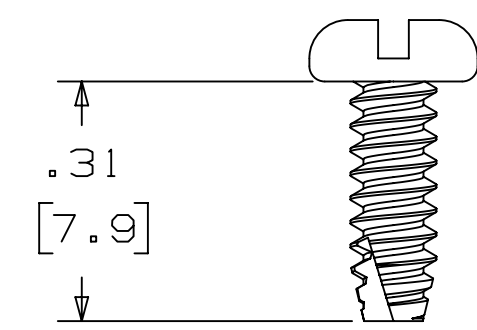
NOTE:
#2216 B/A SCOTCHWELD CAN BE USED TO
ADHERE KEYS.

DESIGN REFERENCE	NEXT ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
XXXXXX	XXXXXX	DRFT	CASTIGLIONE	DATE AUG 05,2014	MFG	DATE
DIVISION	Interconnect Solutions	DIVISION CODE	EMSD	APPRV	R. SCHERER	DATE SEP 05,2014
DO NOT SCALE DRAWING	SCALE	TOLERANCES EXCEPT AS NOTED				
THIRD ANGLE PROJECTION	INTERPRET PER ASME Y14.5 - 2018	INCHES .0 ±.1 .00 ±.01 .000 ±.005 .0000 ±.0002	MILLIMETERS 0 ±.1 .00 ±.01 .000 ±.005 .000 ±.0002			
MAX SURFACE ROUGHNESS	ALL SURFACES	0 .0 .00 ±.000				
MARKED ONLY						
CAGE NUMBER	SIZE	DRAWING NO.	REV.			
D	78-5100-0771-5	L				
MODEL	3400	DET	YES	NO	SHT 3 OF 5	

3M™ THREE-WALL HEADER, 3000 SERIES

.100" X .100" LATCH/EJECTOR, STRAIGHT AND RIGHT ANGLE

MOUNTING HARDWARE



3341-5

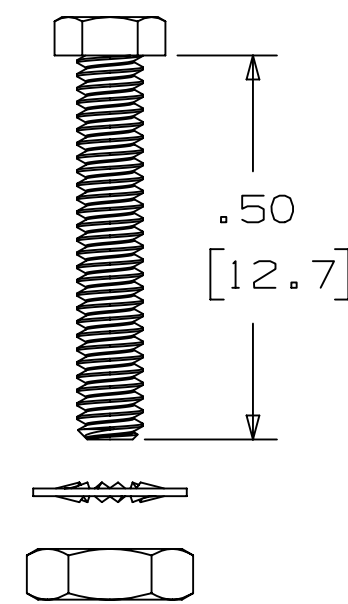
(INSTALL FROM BOTTOM OF BOARD)

PANHEAD THREAD CUTTING SCREW:

#4-24 X 5/16"
TYPE: UCA STD

TYPE: USA STD BT, FEDERAL BG
MATERIAL: STAINLESS STEEL

MATERIAL: STAINLESS STEEL

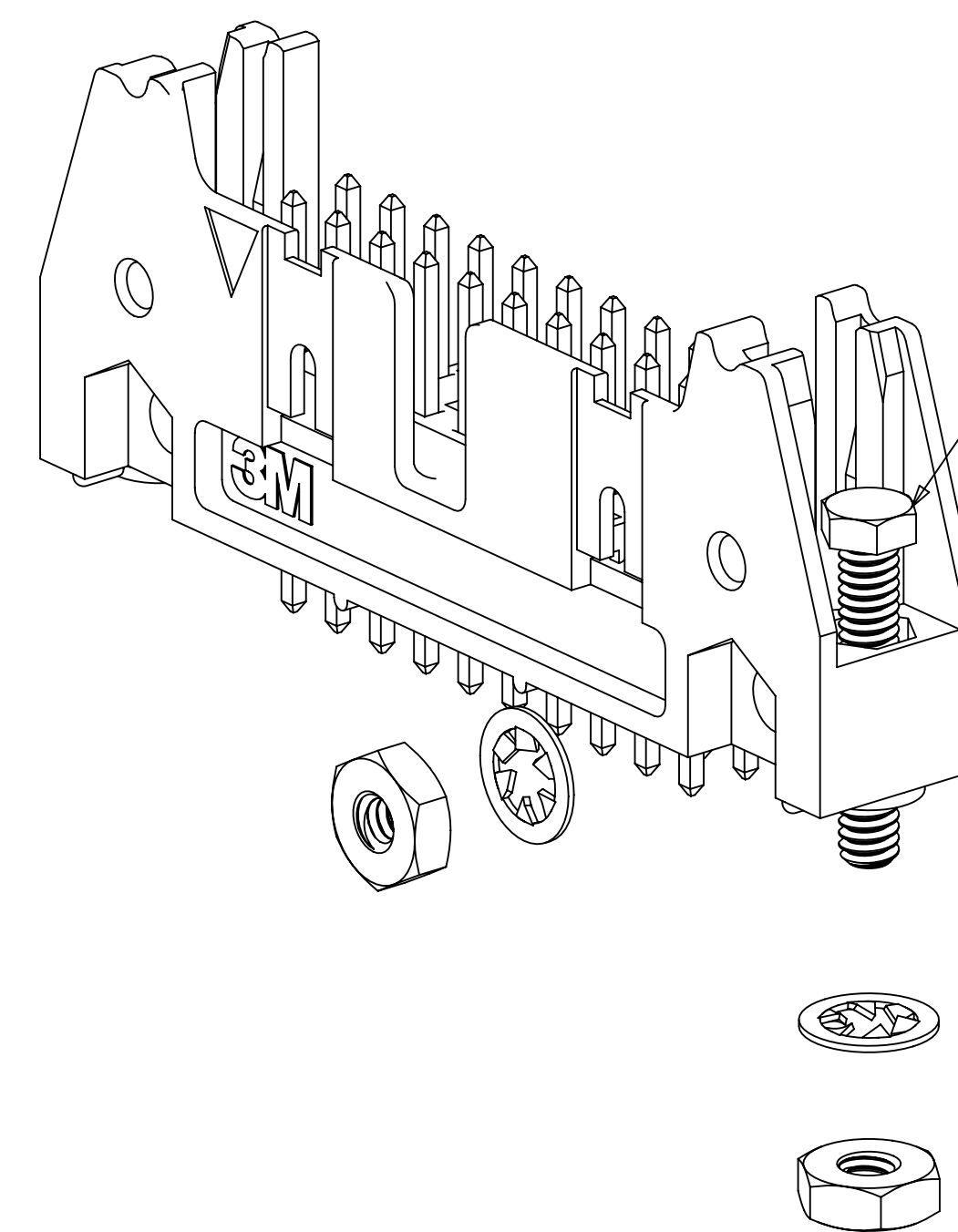


3341-6

HEX HEAD BOLT, NUT AND WASHER:

BOLT - #2-56 X 1/2"
MATERIAL - STAINLESS

MATERIAL: STAINLESS STEEL

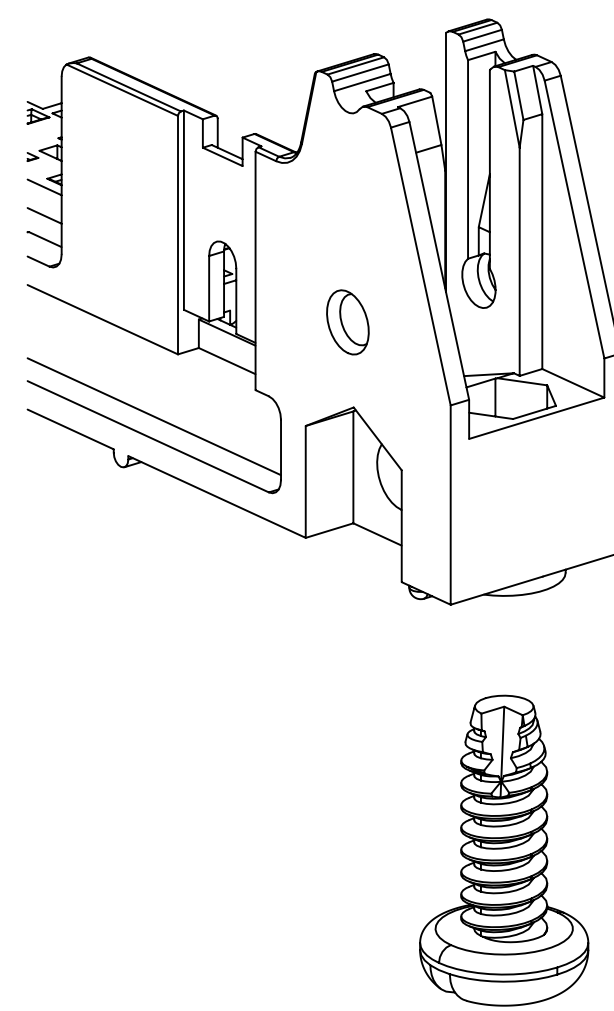


— STRAIGHT VERSION INSTALL
(MUST BE INSERTED PRIOR TO
LATCH INSTALL)

— RIGHT ANGLE VERSION INSTALL

3341-6

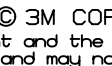
#2-56 NUT AND BOLT



3341-5

- #4-24 TYPE BT SELF THREADING SCREW
WHEN USING LATCHES, MAXIMUM LENGTH
OF SCREW IS .250 INCHES PLUS
THICKNESS OF THE BOARD.

L	115955	MAY 08,2024	JNC	FJR
		REMOVE 05 WWT TAILS		
K	97909	JUN 22,2021	JNC	SAN
		REVISED ORDERING INFO		
J	93619	JAN 07,2021	JNC	SAN
		REMOVE TIN LEAD PLATE AND KINK TAILS		
H	60056	MAR 06,2015	JNC	RS
		REVISE ORDERING NUMBER		
G	56068	AUG 05,2014	JNC	RS
		REVISED AND REDRAWN		
REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
DRFT CAST1GL1ONE		DATE AUG 05, 2014	APPR F SCHERER	DATE SEP 05, 2014
CHKD		DATE		

DESIGN REFERENCE		NEXT ASSEMBLY		REV		ECO		ISSUE DATE AND DESCRIPTION		DRFT		CHKD	
ASSEMBLY CODES				REV		CAST		IGL		ONE		DATE	
								AUG 05, 2014		APPROV		DATE	
								DATE		R. SCHERER		SEP 05, 2014	
DIVISION				DIVISION CODE									
Interconnect Solutions				EMSD									
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						3M Center St. Paul, MN 55144							
				INCHES .01 ± .01 .00 ± .01 .000 ± .005 .0000 ± .0002				TITLE HEADER, 3-WALL, .100 X .100 LATCH/EJECTOR, STRAIGHT AND RA					
THIRD ANGLE PROJECTION													
INTERPRET PER ASME Y14.5 - 2018				MILLIMETERS 0 ± .01 .00 ± .000 ±									
MAX SURFACE ROUGHNESS 				MILLIMETERS 0 ± .01 .00 ± .000 ±									
☒ ALL SURFACES ☐ MARKED ONLY				ANGLES ±									
				MODEL 3400				CAGE NUMBER 578-5100-0771-5					
				SIZE D				DRAWING NO. L					
				DET. LISTS YES ☒ NO ☐				SHT 4 OF 5					

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3M™ THREE-WALL HEADER, 3000 SERIES
.100" X .100" LATCH/EJECTOR, STRAIGHT AND RIGHT ANGLE

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L	115955	MAY 08,2024	JNC	FJR
K	97909	JUN 22,2021	JNC	SAN
J	93619	JAN 07,2021	JNC	SAN
H	60056	MAR 06,2015	JNC	RS
G	56068	AUG 05,2014	JNC	RS
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DRFT	CASTIGLIONE	DATE AUG 05,2014	MFG	DATE
CHKD		DATE	APPRV. R. SCHERER	DATE SEP 05,2014
DIVISION Interconnect Solutions		DIVISION CODE EMSD		
DO NOT SCALE DRAWING		TOLERANCES EXCEPT AS NOTED		
		INCHES .0 ±.1 .00 ±.01 .000 ±.005 .0000 ±.0002		
THIRD ANGLE PROJECTION		MILLIMETERS 0 ± .0 ± .00 ± .000 ±		
MAX. SURFACE ROUGHNESS ALL SURFACES ☒ MARKED ONLY		CAGE NUMBER D78-5100-0771-5		
		SIZE 3400		
		DRAWING NO. D78-5100-0771-5		
		REV. L		
		DET. LISTS ☐ YES ☒ NO		
		SHT 5 OF 5		