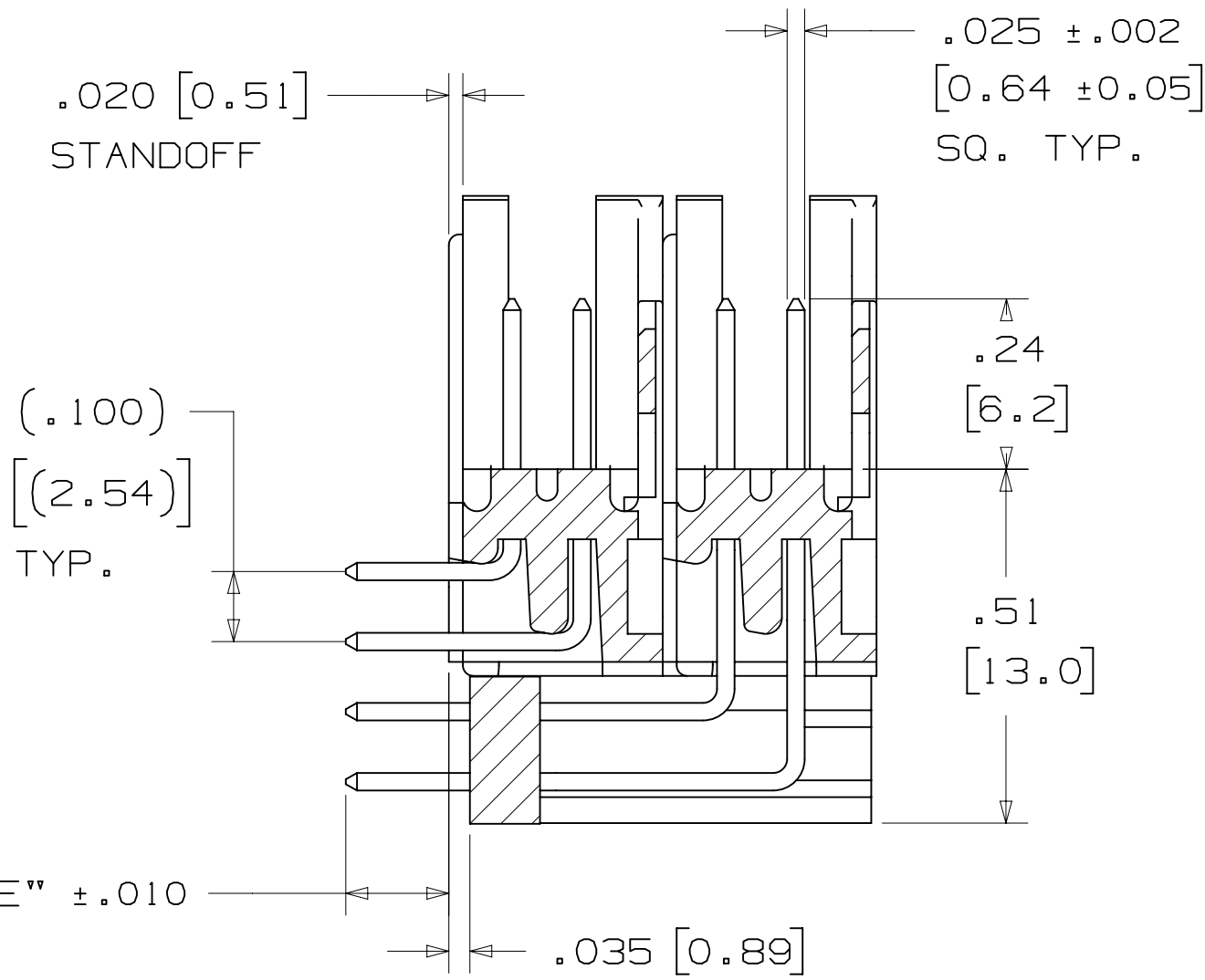


3M™ THREE-WALL CONDO HEADER, 3000 SERIES
.100" X .100" LATCH/EJECTOR, RIGHT ANGLE

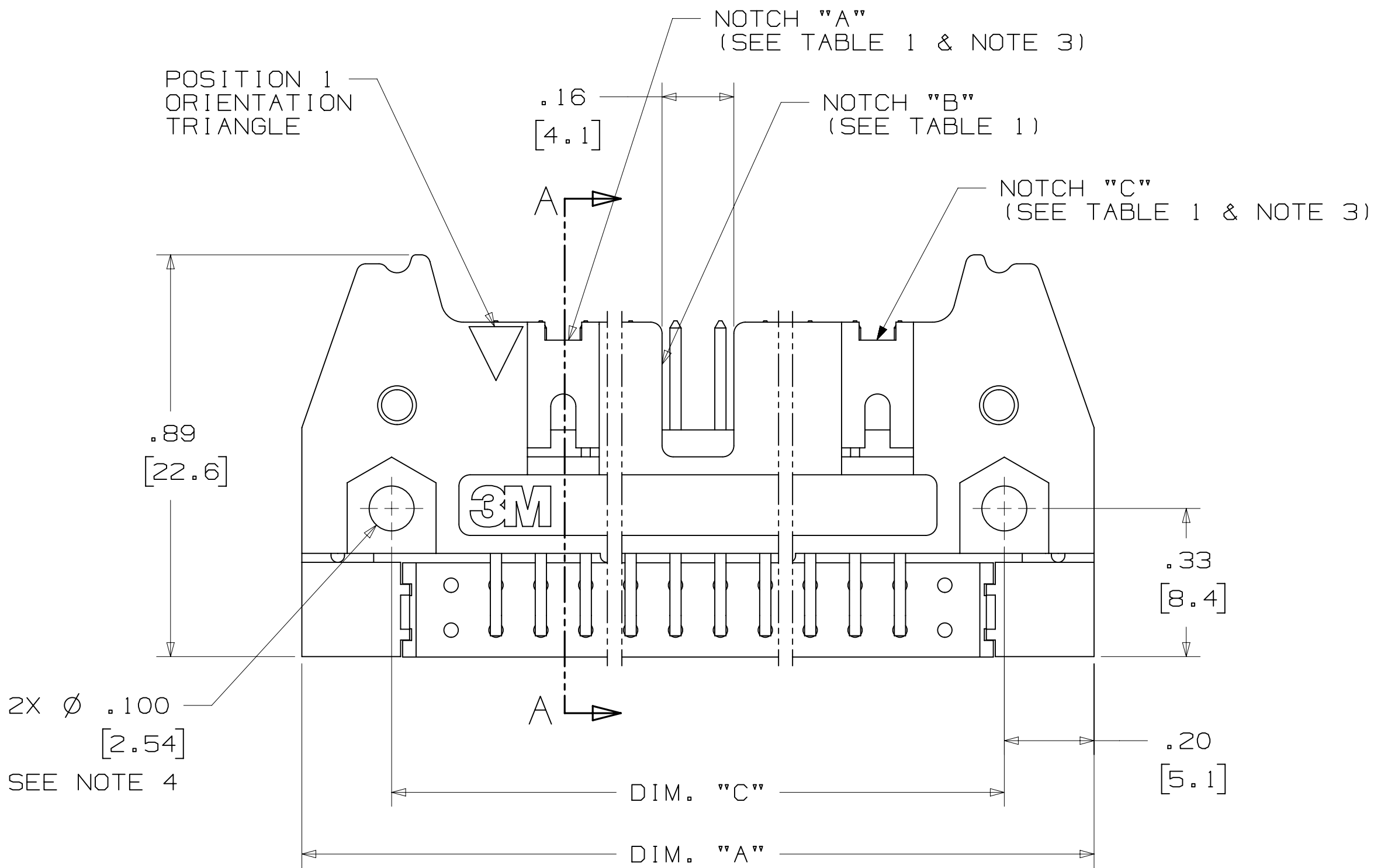
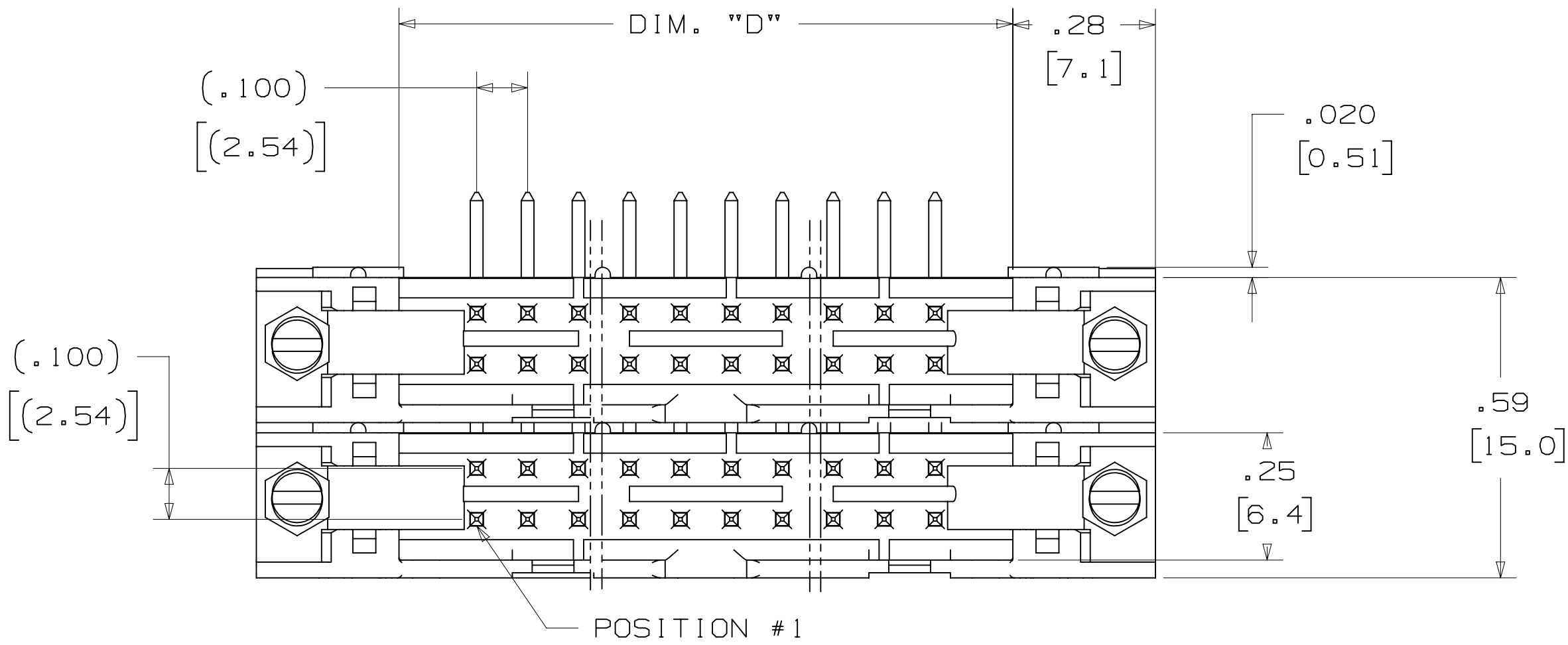


SECTION A - A

TABLE 1						
PIN QTY.	3M PART NUMBER	DIM. "A"	DIM. "C"	DIM. "D"	POLARIZING NOTCHES	PIN QTY.
20	3793	1.26 [32.1]	.865 [21.97]	.71 [18.0]	BC	20
28	3314	1.46 [37.2]	1.065 [27.05]	.91 [23.1]	BC	28
32	3408	1.56 [39.7]	1.165 [29.59]	1.01 [25.6]	ABC	32
40	3428	1.76 [44.8]	1.365 [34.67]	1.21 [30.7]	ABC	40
48	3627	1.96 [49.9]	1.565 [39.75]	1.41 [35.8]	ABC	48
52	3429	2.06 [52.4]	1.665 [42.29]	1.51 [38.3]	ABC	52
60	3440	2.26 [57.5]	1.865 [47.37]	1.71 [43.4]	ABC	60
68	3431	2.46 [62.6]	2.065 [52.45]	1.91 [48.5]	ABC	68
80	3432	2.76 [70.2]	2.365 [60.07]	2.21 [56.1]	ABC	80
100	3433	3.26 [82.9]	2.865 [72.77]	2.71 [68.8]	ABC	100
120	3372	3.76 [95.6]	3.365 [85.47]	3.21 [81.5]	ABC	120
128	3764	3.96 [100.7]	3.565 [90.55]	3.41 [86.6]	ABC	128

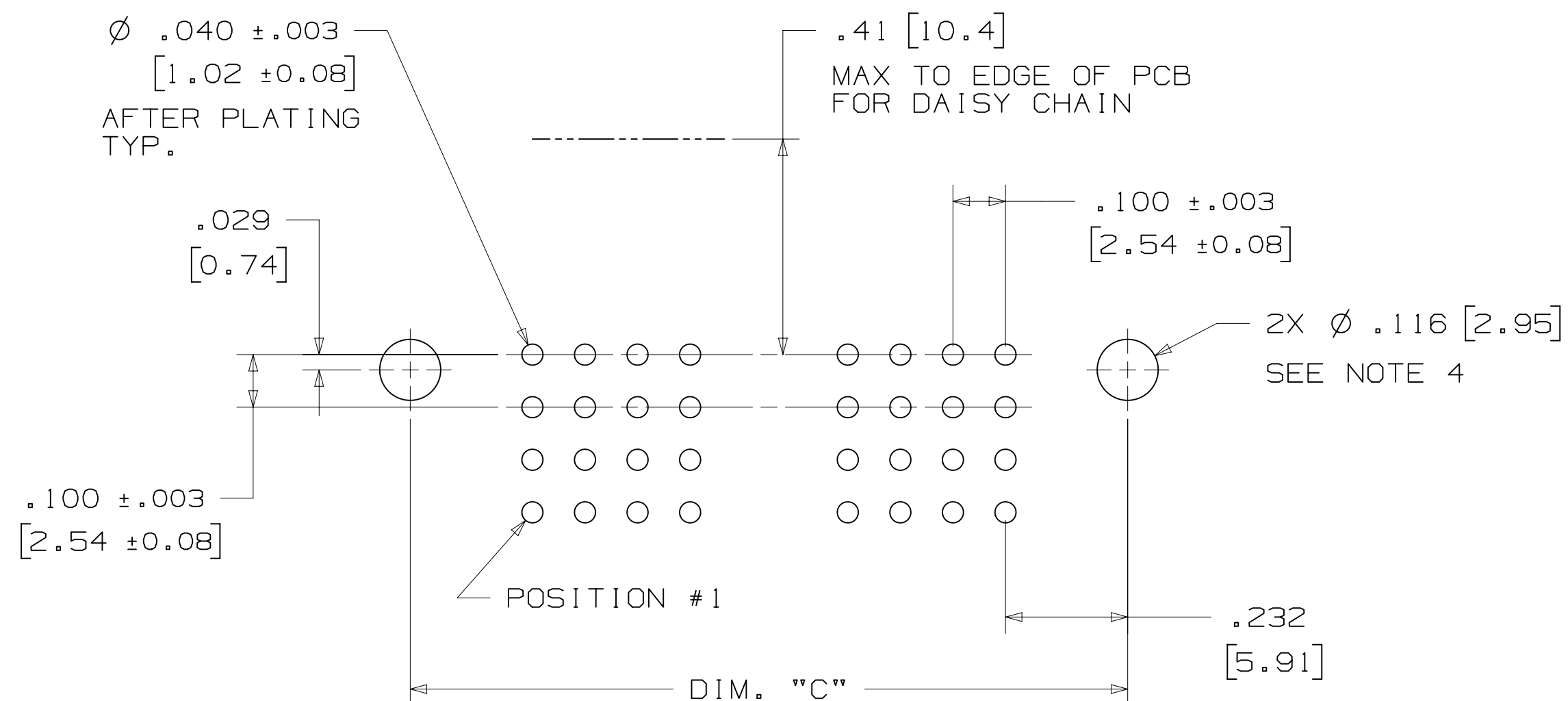
TABLE 2		
3M PART NUMBER SUFFIX	CONTACT TAIL	DIM. "E"
-XX02	02	.112 [2.84]
-XX03	03	.155 [3.94]

NOTE:
.112 [2.84] TAIL LENGTH SUITABLE FOR
.062 [1.57] THICK PC BOARD.



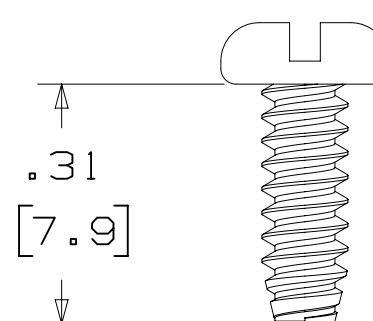
DESIGN REFERENCE		NEXT ASSEMBLY		
REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
DR	CASTIGLIONE	DATE	MFG	DATE
CHKD		DATE	APPR	DATE
DIVISION		DIVISION CODE		
Interconnect Solutions		EMSD		
DO NOT SCALE DRAWING	SCALE	TOLERANCES EXCEPT AS NOTED		
	4/1			
THIRD ANGLE PROJECTION		INCHES		
		.00 ± .01		
		.000 ± .005		
		.0000 ±		
INTERPRET PER ASME Y14.5 - 2009		MILLIMETERS		
		0 ±		
		.0 ± .3		
		.00 ± .13		
		.000 ±		
		MARKED ONLY		
		ANGLES		
CAGE NUMBER		DRAWING NO.		REV.
D78-5100-0773-1		K		
MODEL		3000 SERIES		DET
		LISTS		YES
		XNO		SHT 2 OF 3

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



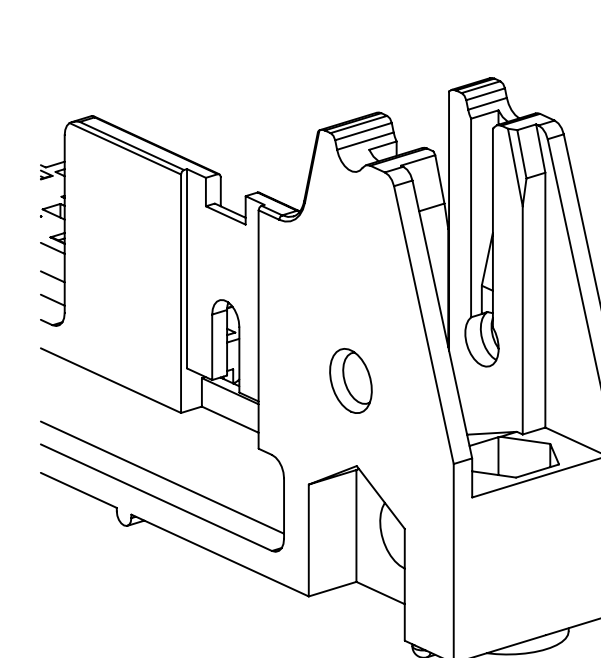
RECOMMENDED MOUNTING HOLE PATTERN

MOUNTING HARDWARE



3341-5

(INSTALL FROM BOTTOM OF BOARD)
PANHEAD THREAD CUTTING SCREW:
#4-24 X 5/16"
TYPE: USA STD BT, FEDERAL BG
MATERIAL: STAINLESS STEEL



— #4-24 TYPE BT SELF THREADING SCREW
WHEN USING LATCHES, MAXIMUM LENGTH
OF SCREW IS .250 INCHES PLUS
THICKNESS OF THE BOARD.
TORQUE FOR EACH SCREW IS 3-5 INCH LBS.

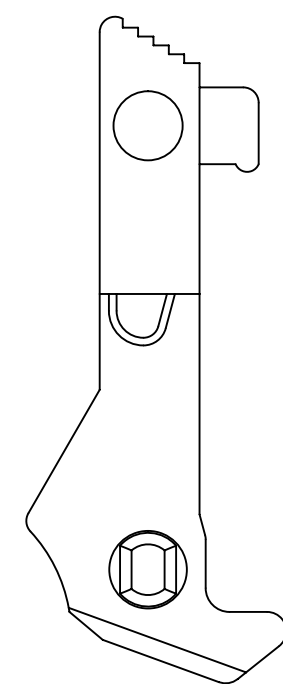
PART CUSTOMIZATION

THIS SPEC SHEET DETAILS OUR STANDARD OFFERING.

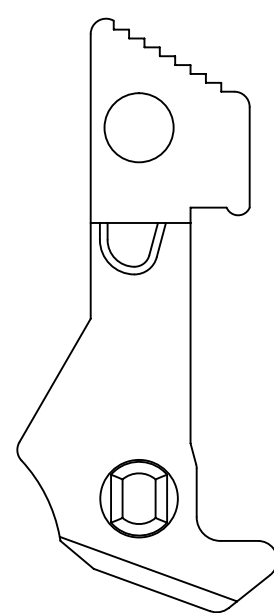
3M HAS SEVERAL CAPABILITIES THAT CAN PROVIDE A PART TAILORED TO YOUR SPECIFIC NEEDS. ASK YOUR 3M SALES REPRESENTATIVE OR CUSTOMER SERVICE FOR MORE DETAILS.

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.

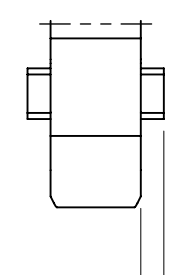
MATERIAL	SHORT LATCH	LONG LATCH	LATCH STYLE	COLOR
HIGH TEMP. (PCT)	N3505-2B	N3505-3B	ROLL PIN	BLACK
HIGH TEMP. (PPA)	N3505-30B	N3505-31B	SNAP-IN	BLACK



LONG



SHORT

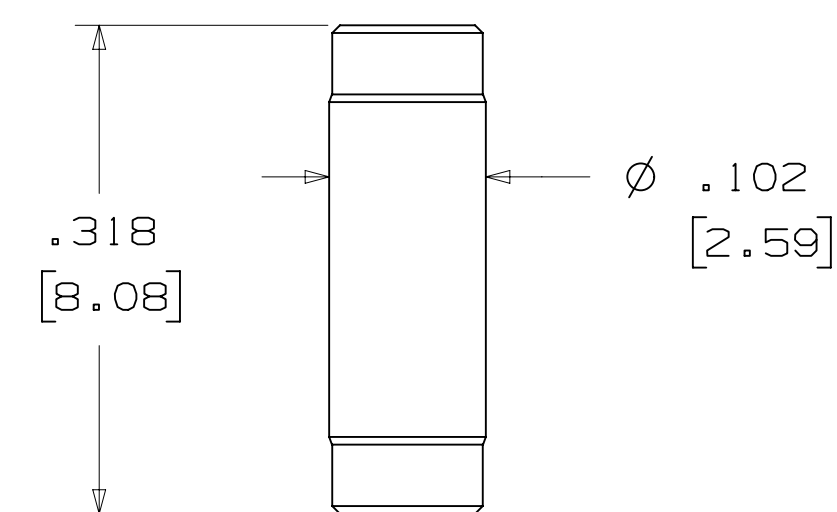


(.03)
 [(0.8)]
 TYP.

SNAP-IN LATCHES

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

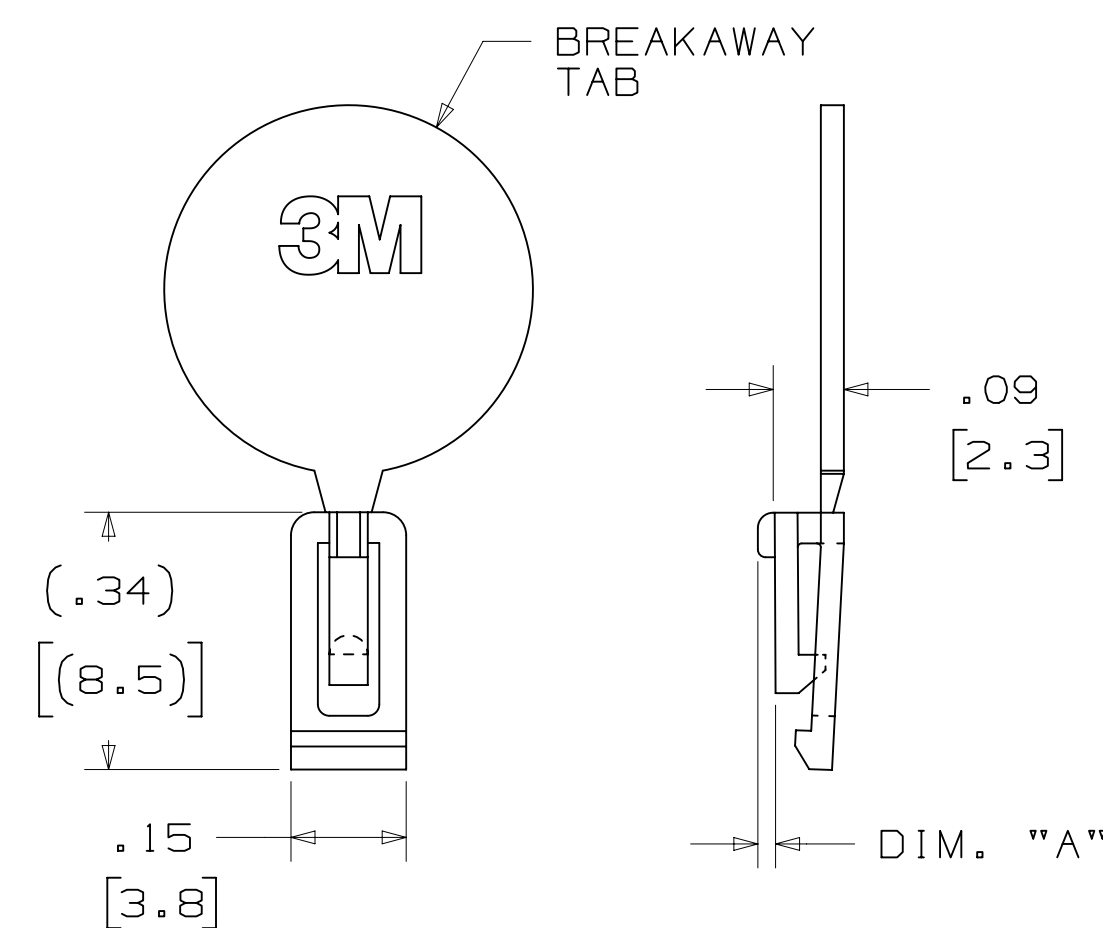
POLARIZING POST



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.

		K	60056	MAR 06,2015		JNC	RS
		J	56068	AUG 05,2014		JNC	RS
		REVISED AND REDRAWN					
DESIGN REFERENCE		NEXT ASSEMBLY		REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT
ACCESS CODES				DRFT	CST	101	ONE
				DATE	AUG 05,2014	MRG	DATE
				CHKD		APPROVAL	DATE
						SCHERER	SEP 05,2014
DIVISION		DIVISION CODE		© 3M COPYRIGHT 2015			
Interconnect Scales		EMSD		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.			
DO NOT SCALE DRAWING		TOLERANCES EXCEPT AS NOTED		3M St. Paul, MN 55144			
4		INCHES		TITLE			
THIRD ANGLE PROJECTION		.0 ± .00 ± .01 .000 ± .005 .0000 ±		HEADER, 3-WALL, CONDO, .100 X .100 LATCH/EJECTOR, RA			
INTERPRET PER ASME Y14.5 - 2009		MILLIMETERS 0 ± .0 ± .3 .00 ± .13 .000 ±		CAGE NUMBER			
MAX SURFACE ROUGHNESS		ANGLES		SIZE DRAWING NO.			
MIN SURFACES				D 78-5100-0773-1			
MARKED ONLY				REV. K			
				MODEL 3000 SERIES			
				DET. LISTS ☐ YES ☒ NO			
				SHT 3 OF 3			

Mouser Electronics

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[4](#) [3428-D202](#) [3429-D002](#) [N3408-D302RB](#) [N3433-D302RB](#) [3764-D302](#) [3432-D302](#) [N3793-D302RB](#) [3793-D302](#)
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[D302RB](#) [N3764-D202RB](#) [N3764-D302RB](#) [N3793-D202RB](#)