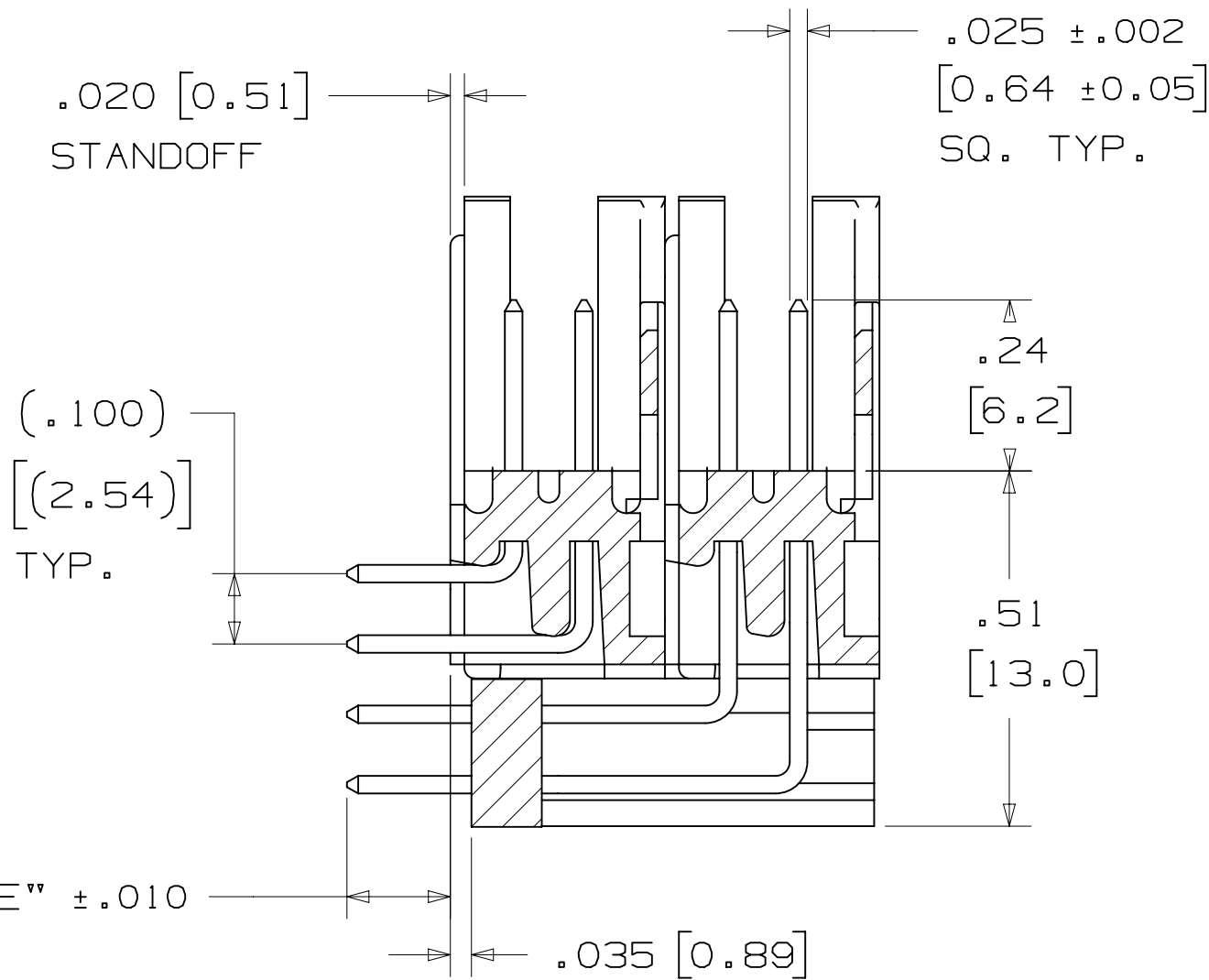


3M™ THREE-WALL CONDO HEADER, 3000 SERIES
.100" X .100" LATCH/EJECTOR, RIGHT ANGLE

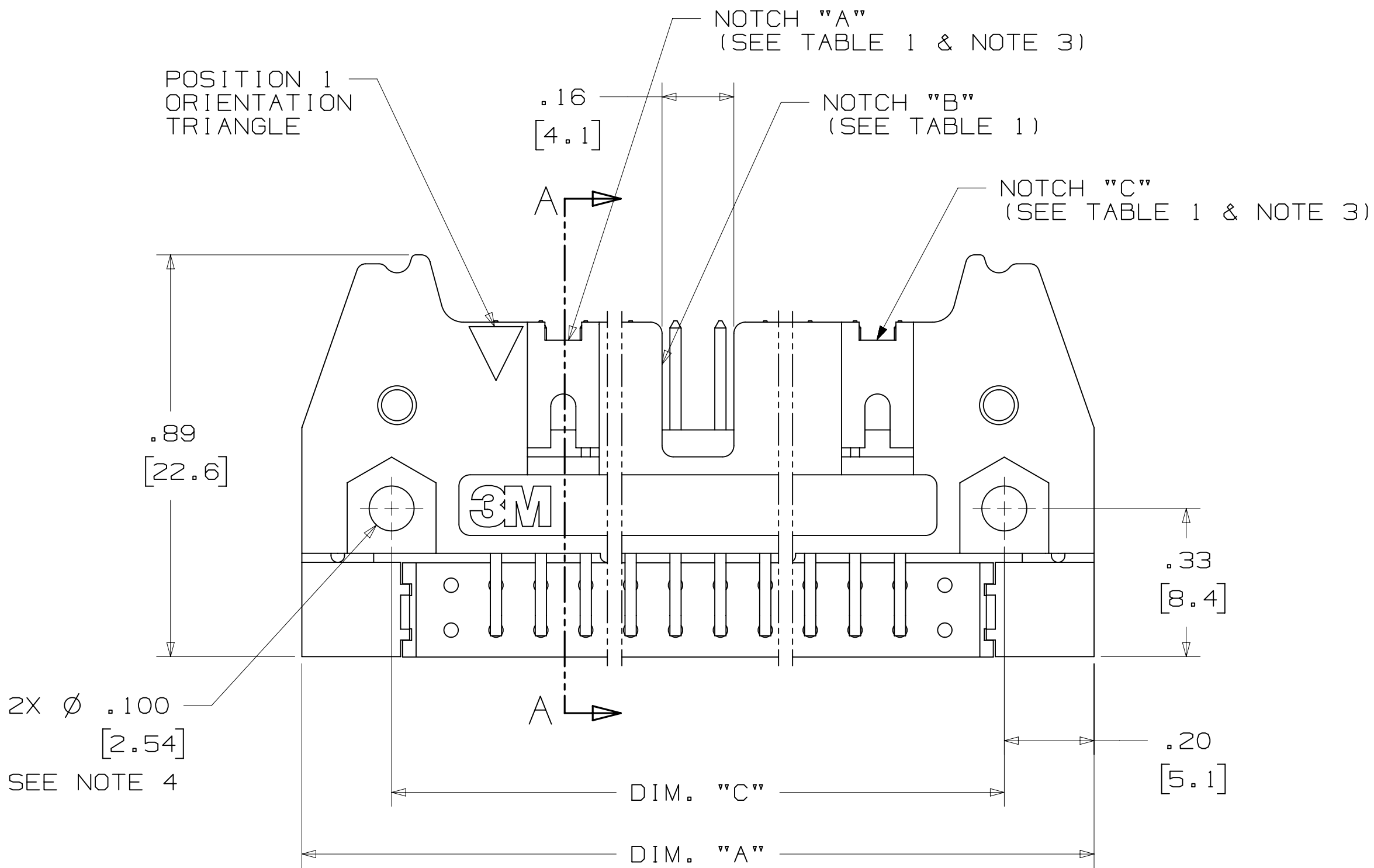
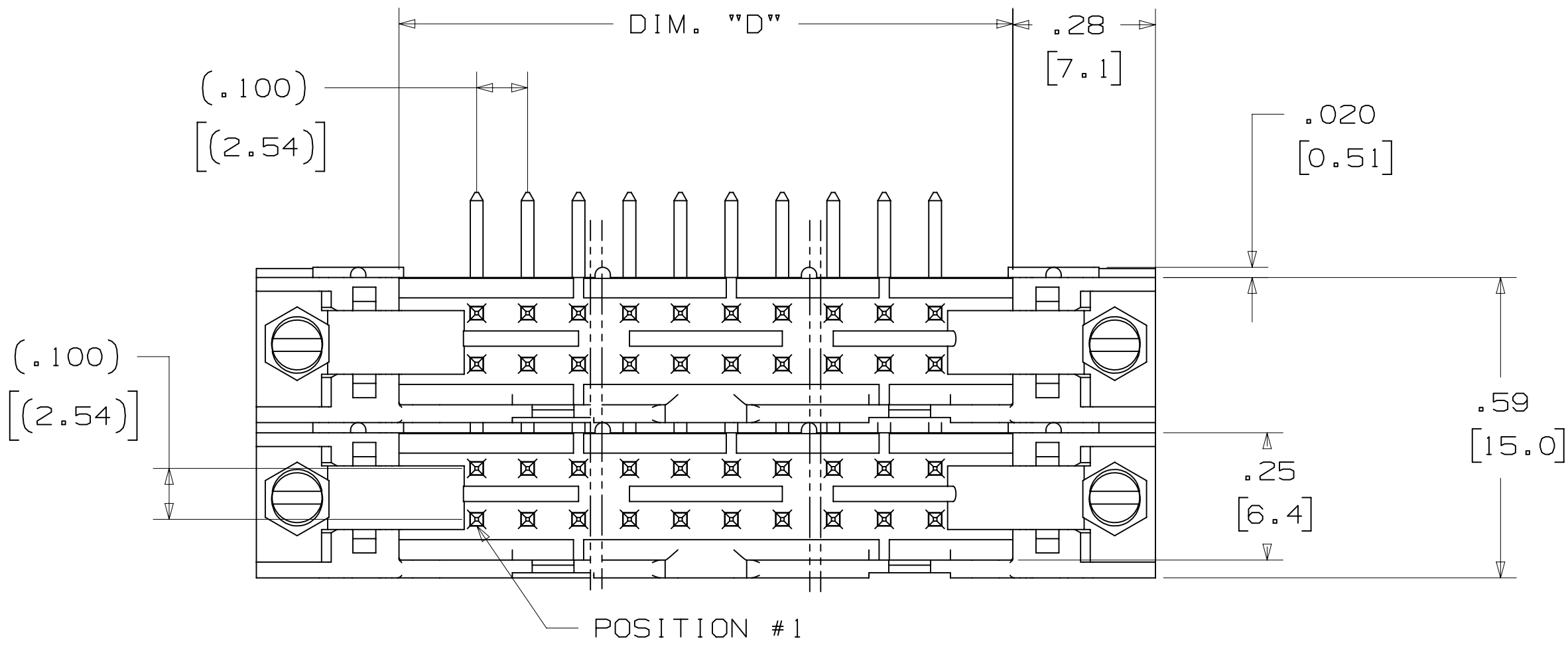


SECTION A - A

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	DATE	DATE
CHKD	AUG 05, 2014	DATE	DATE	DATE
DIVISION		DIVISION CODE		
Interconnect Solutions		EMSD		
DO NOT SCALE DRAWING	SCALE 4/1	TOLERANCES EXCEPT AS NOTED		
THIRD ANGLE PROJECTION		INCHES		
INTERPRET PER ASME Y14.5 - 2009		MILLIMETERS		
MAX SURFACE ROUGHNESS		SURFACES		
MARKED ONLY		ANGLES		
CAGE NUMBER		DRAWING NO.		REV.
D78-5100-0773-1		K		
MODEL		3000 SERIES		REV.

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St. Paul,
MN 55144
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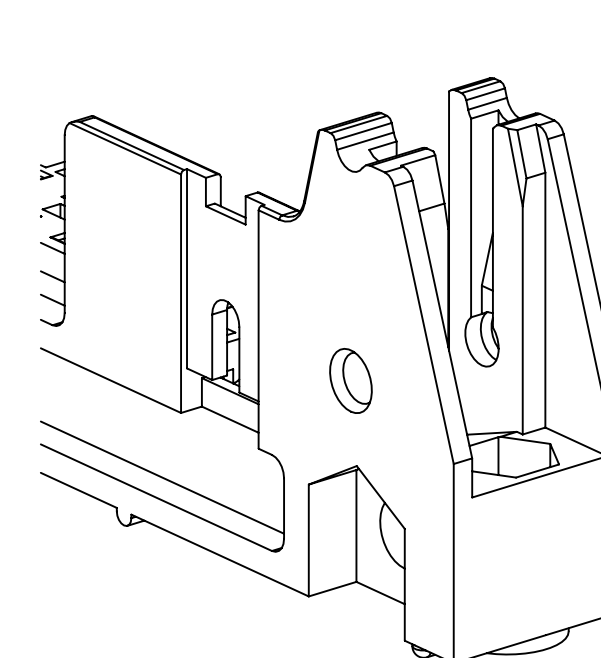
HEADER, 3-WALL,
CONDO, .100 X .100
LATCH/EJECTOR, RA

DET [] YES [X] NO [] SHT 2 OF 3

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



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.

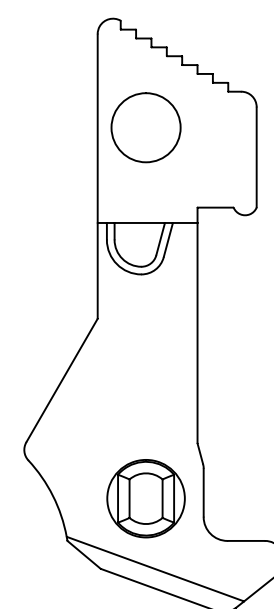
THIS SPEC SHEET DETAILS OUR STANDARD OFFERING.

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.

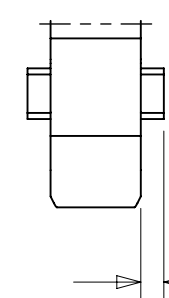
BOTH SNAP-IN AND ROLL PIN LATCHES MAY BE ORDERED SEPARATELY. SNAP-IN AND ROLL PIN STYLE LATCHES ARE DIMENSIONALLY AND FUNCTIONALLY EQUIVALENT. IF ORDERING SNAP-IN OR ROLL PIN STYLE LATCHES SEPARATELY, PLEASE USE THE BELOW CHART.

Technical drawing of a mechanical part, likely a bracket or support, showing a side view. The part features a circular hole and a rectangular cutout.

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.

Technical drawing of a vertical cylinder. The total height is dimensioned as $.318$ [8.08]. The diameter is dimensioned as $\varnothing .102$ [2.59].

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

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

Technical drawing of a 3M Breakaway Tab. The drawing includes a top view and a side view.

Top View:

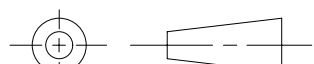
- Central slot width: $(.34)$ [(8.5)]
- Slot depth: $.15$ [3.8]

Side View:

- Tab thickness: $.09$ [2.3]
- Total height: DIM. "A"

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					
ACROSS CODES								SHT 1		CASTIGLIONE		DATE		AUG 05, 2014		MFG		DATE					
								CHKD				DATE		APPRV		R. SCHERER		DATE					
														SEP 05, 2014									
DIVISION								DIVISION CODE								© 3M COPYRIGHT 2015							
Interconnect Solutions								EMSD								 This document and the information it contains are 3M proprietary 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				SCALE 4 1				TOLERANCES EXCEPT AS NOTED															
				THIRD ANGLE PROJECTION				INCHES				MILLIMETERS											
INTERPRET PER ASME Y14.5 - 2009								.0 ±				.00 ± .01											
								.000 ± .005				.0000 ±											
MAX SURFACE ROUGHNESS				□ UNFINISHED SURFACES				ANGLE				CAGE NUMBER				SIZE							
MARKED ONLY												D78-5100-0773-1				DRAWING NO.							
												MODEL				3000 SERIES							
																DET. [] YES [X] NO SHT 3 OF 4							