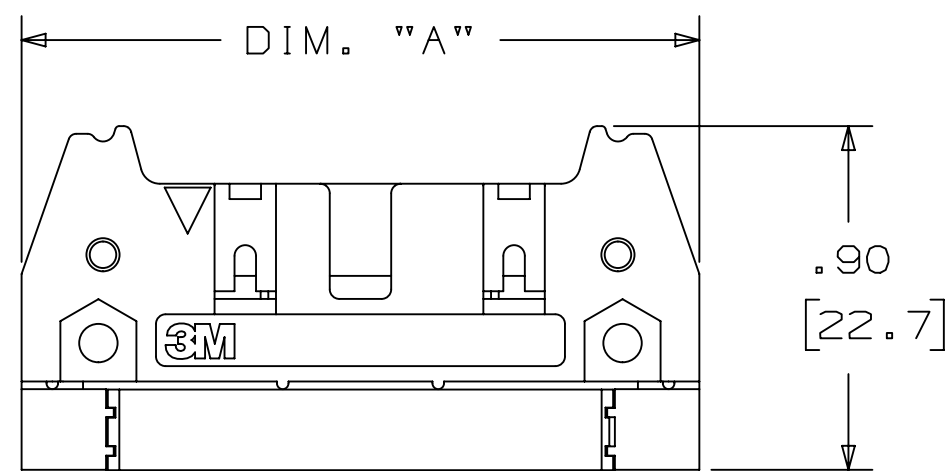
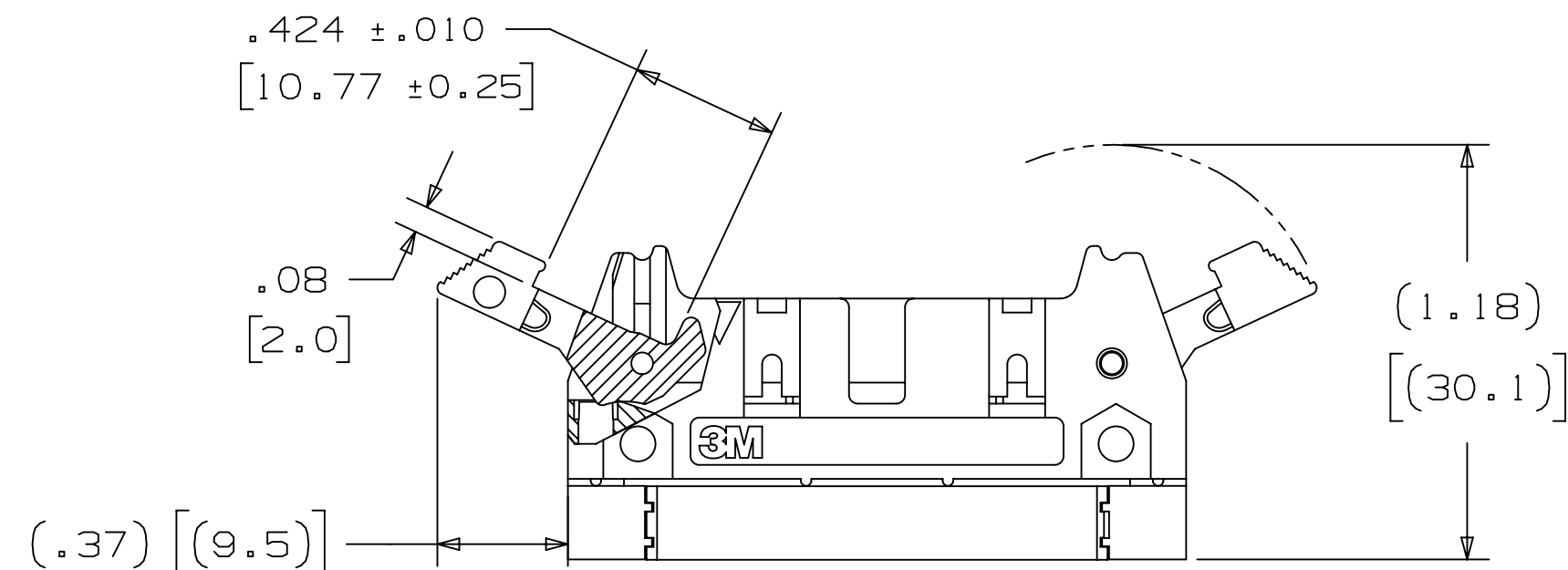


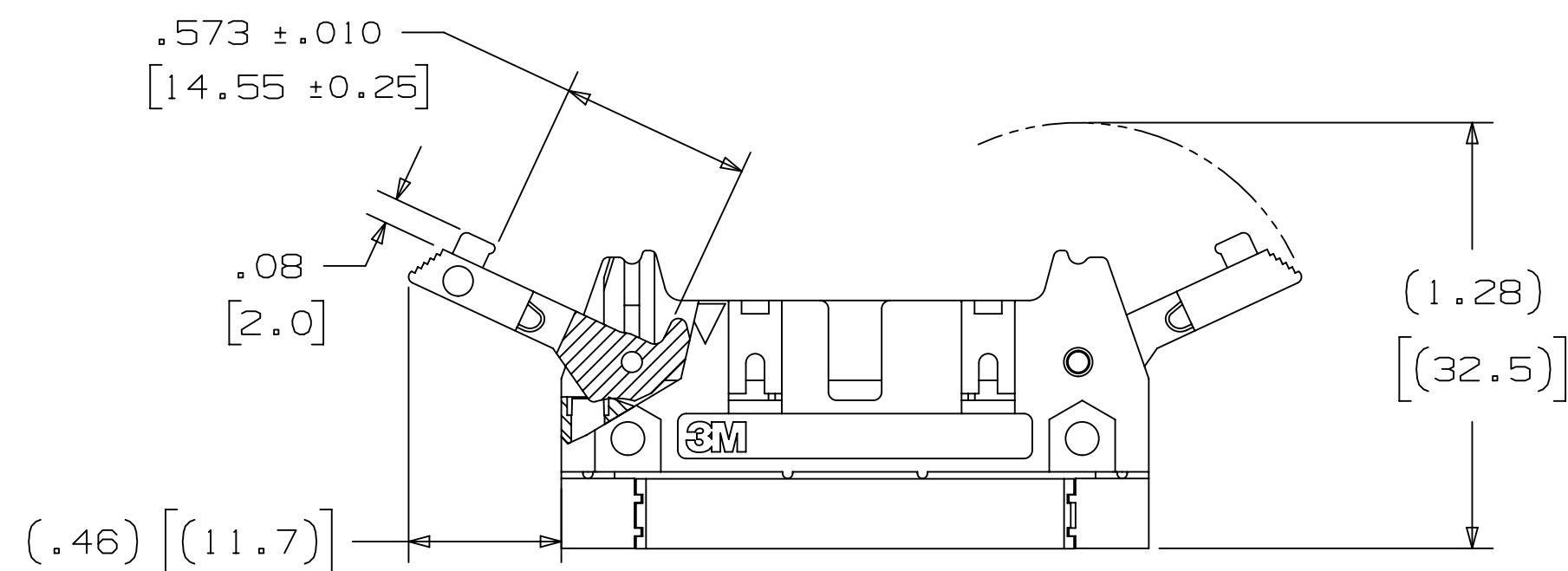
.100" X .100" LATCH/EJECTOR, RIGHT ANGLE



-LOOX
HEADER WITHOUT LATCH EJECTOR



-L20X
HEADER WITH SHORT LATCH EJECTOR
FOR 3M SOCKETS WITHOUT STRAIN RELIEF



-L30X
HEADER WITH LONG LATCH EJECTOR
FOR 3M SOCKETS WITH STRAIN RELIEF

2 PHYSICAL :

```

INSULATOR:
  MATERIAL: HIGH TEMP GLASS FILLED POLYESTER (PCT)
FLAMMABILITY: UL94V-0
  COLOR: BLACK
CONTACT:
  MATERIAL: COPPER ALLOY
  PLATING:
UNDER PLATING: 50μ"-150μ" [ 1.27μm-3.81μm ] NICKEL-OVERALL
  WIPING AREA: 30μ" [ 0.76μm ] AVG. GOLD
  SOLDER TAILS: 200μ" [ 5.08μm ] MIN MATTE TIN
  MARKINGS: 3M LOGO, PART IDENTIFICATION NUMBER AND ORIENTATION TRIANGLE

```

2 ELECTRICAL :

CURRENT RATING: 1A (EIA 364-70)
INSULATION RESISTANCE: $>1 \times 10^9 \Omega$ AT 500 V_{DC}
WITHSTANDING VOLTAGE: 1,000V_{RMS} AT SEA LEVEL

2 ENVIRONMENTAL :

TEMPERATURE RATING: -55°C TO 105°C
PROCESS RATING: 260°C, PER J-STD-020C, SINGLE PASS
MOISTURE SENSITIVITY LEVEL: 1 (PER J-STD-020C, SINGLE PASS)

ORDERING INFORMATION

N3XXX-LXXXRB

3M PART NUMBER: — (SEE TABLE 1)		— PLATING:
------------------------------------	--	------------

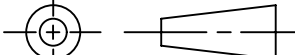
LATCH/EJECTOR SYSTEM: _____
 0 = NO LATCH/EJECTOR INSTALLED
 2 = SHORT ROLL PIN LATCH/EJECTORS
 3 = LONG ROLL PIN LATCH/EJECTORS

```
- TAIL:
02 = FOR .062 [ 1.57 ] THICK BOARD
03 = FOR .094 TO .125 [ 2.39 TO 3.18 ] THICK BOARD
```

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INTERCONNECT SOLUTIONS
<http://www.3M.com/interconnect>

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DIMENSIONS: INCHES [MM]
[MM] IS REF. ONLY

DESIGN REFERENCE		NEXT ASSEMBLY		REV		ECO		ISSUE DATE AND DESCRIPTION		DRFT		CHKD	
ACCORD CODES				DRFT CASTIGLIONE		DATE AUG 05, 2014		MFO		DATE			
						DATE		APPRV R. SCHERER		DATE SEP 05, 2014			
DIVISION Interconnect Solutions				DIVISION CODE EMSD				© 3M COPYRIGHT 2021 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									
SCALE $\frac{2}{1}$				INCHES .0 ±.1 .00 ±.01 .000 ±.005 .0000 ±.0002				TITLE FOUR-WALL CONDO HEADER .100 X .100 LATCH/EJECT, RA					
				MILLIMETERS 0 ±.2 0.0 ±.3 0.00 ±.13 0.000 ±.005				CAGE NUMBER D 78-5100-0774-9					
THIRD ANGLE PROJECTION ASME Y14.5 - 2018				INTERPRET PER ASME Y14.5 - 2018				DRAWING NO. M					
MAX SURFACE ROUGHNESS ☐ ALL SURFACES ☒ MARKED ONLY				ANGLES				MODEL 3400 DET. LISTS ☐ YES ☒ NO SHT 1 OF 4					

UL[®]
US
UL FILE NO: E68080

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

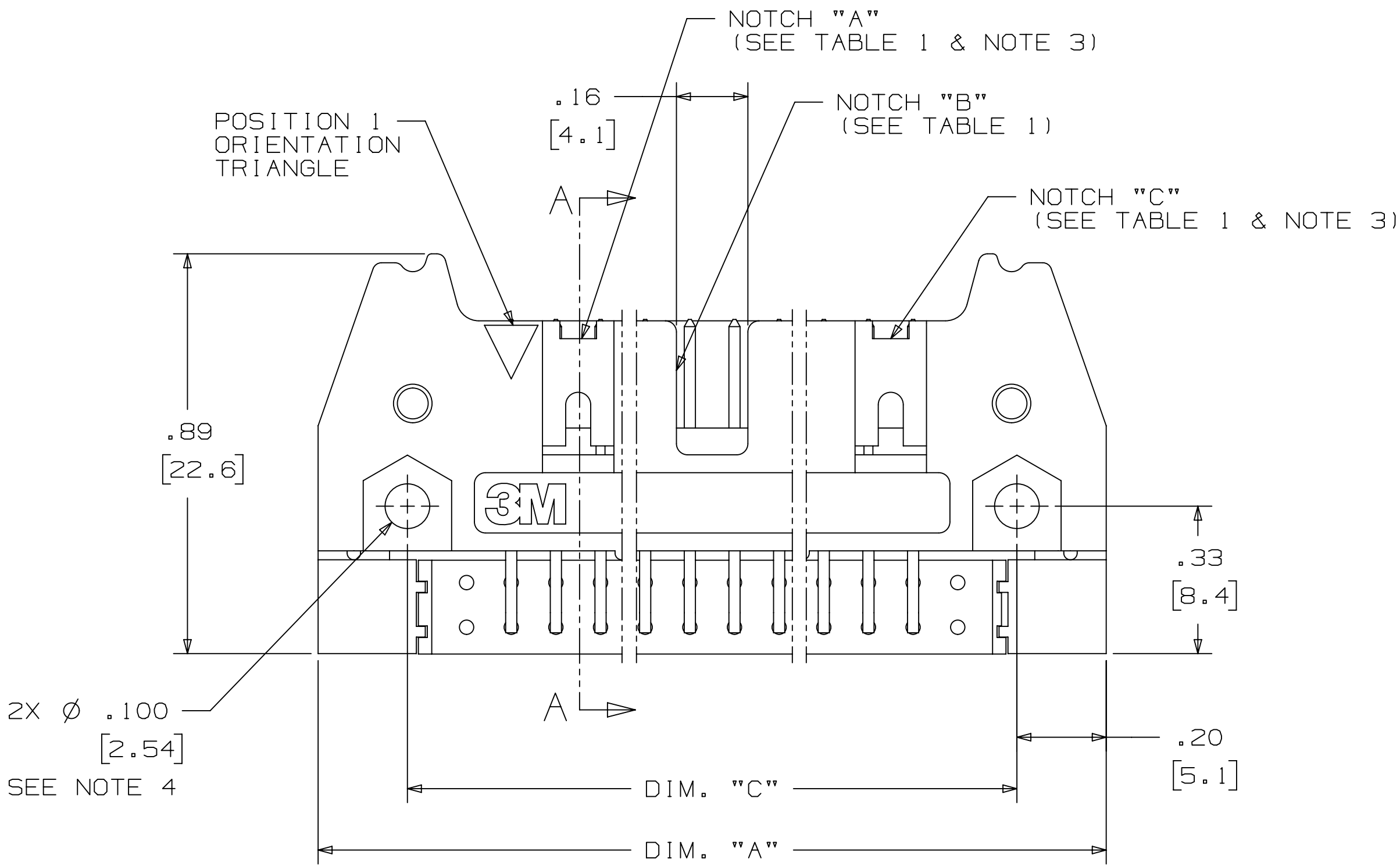
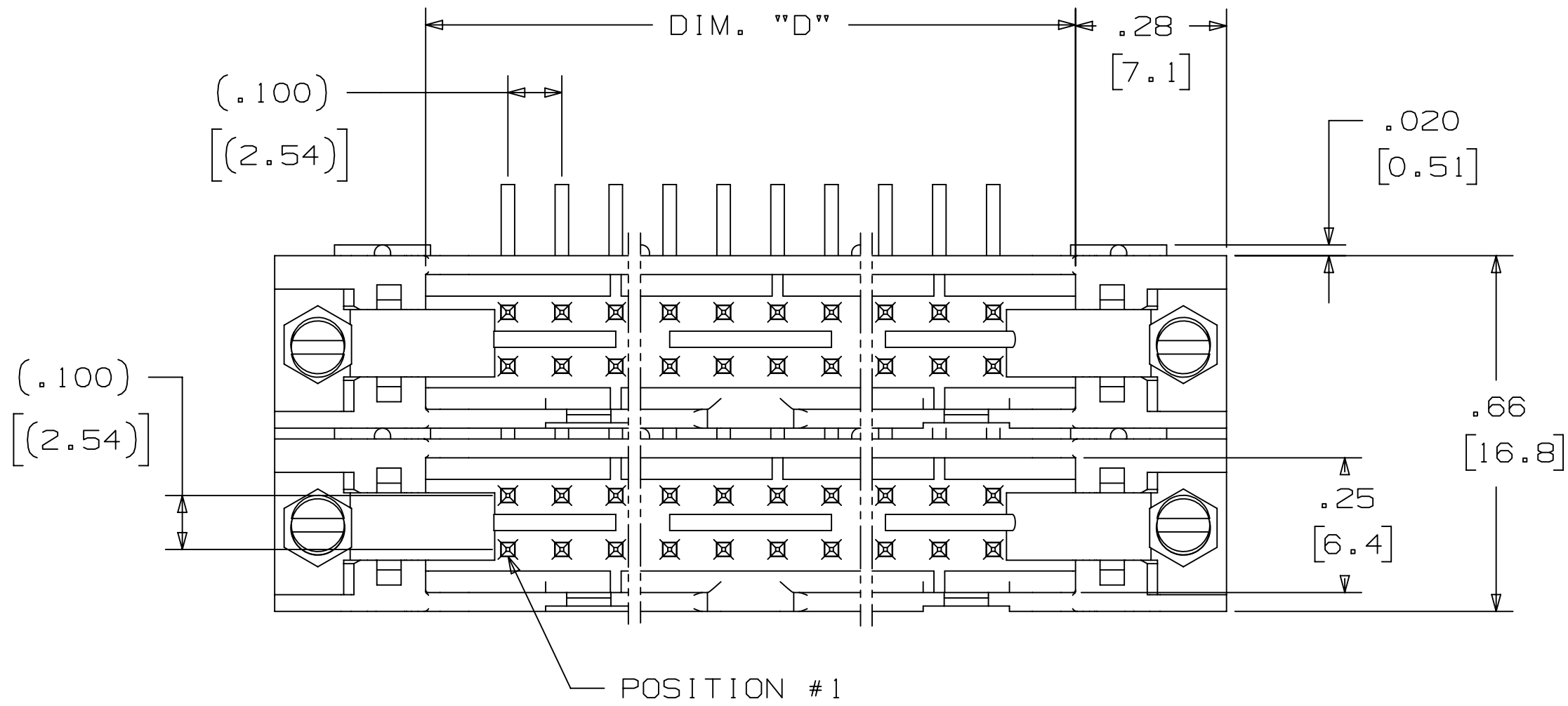
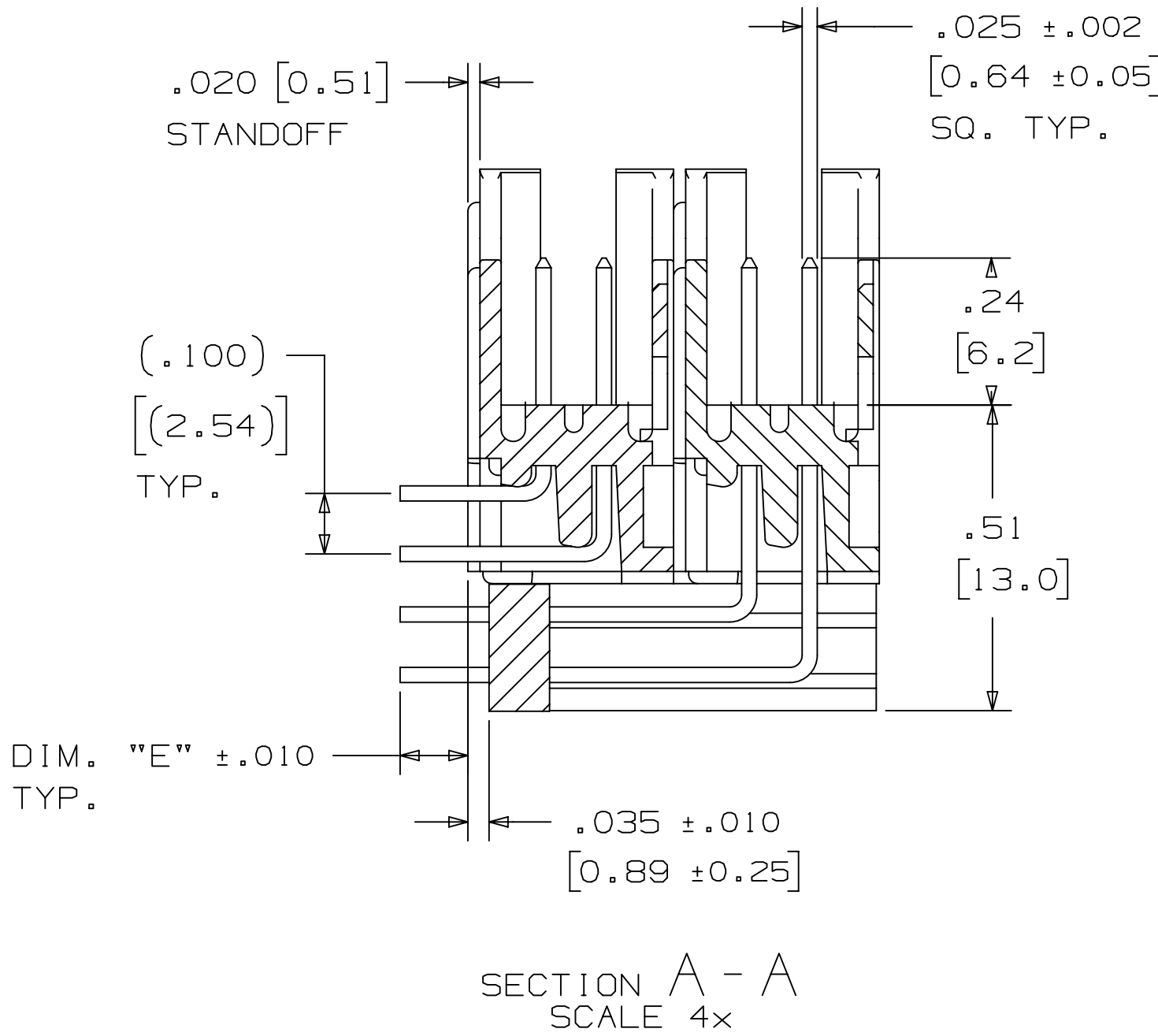


TABLE 1						
PIN QTY.	3M PART NUMBER	DIM. "A"	DIM. "C"	DIM. "D"	POLARIZING NOTCHES	PIN QTY.
20	3793	1.26 [32.1]	.865 [21.97]	.71 [18.0]	BC	20
28	3314	1.46 [37.2]	1.065 [27.05]	.91 [23.1]	BC	28
32	3408	1.56 [39.7]	1.165 [29.59]	1.01 [25.6]	ABC	32
40	3428	1.76 [44.8]	1.365 [34.67]	1.21 [30.7]	ABC	40
48	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
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 4 1	TOLERANCES EXCEPT AS NOTED				
THIRD ANGLE PROJECTION		INCHES .0 ±.1 .00 ±.01 .000 ±.005 .0000 ±.0002				
INTERPRET PER ASME Y14.5 - 2018		MILLIMETERS 0 ±2 .0 ±.3 .00 ±.13 .000 ±.005				
MAX. SURFACE ROUGHNESS						
ALL SURFACES						
MARKED ONLY						

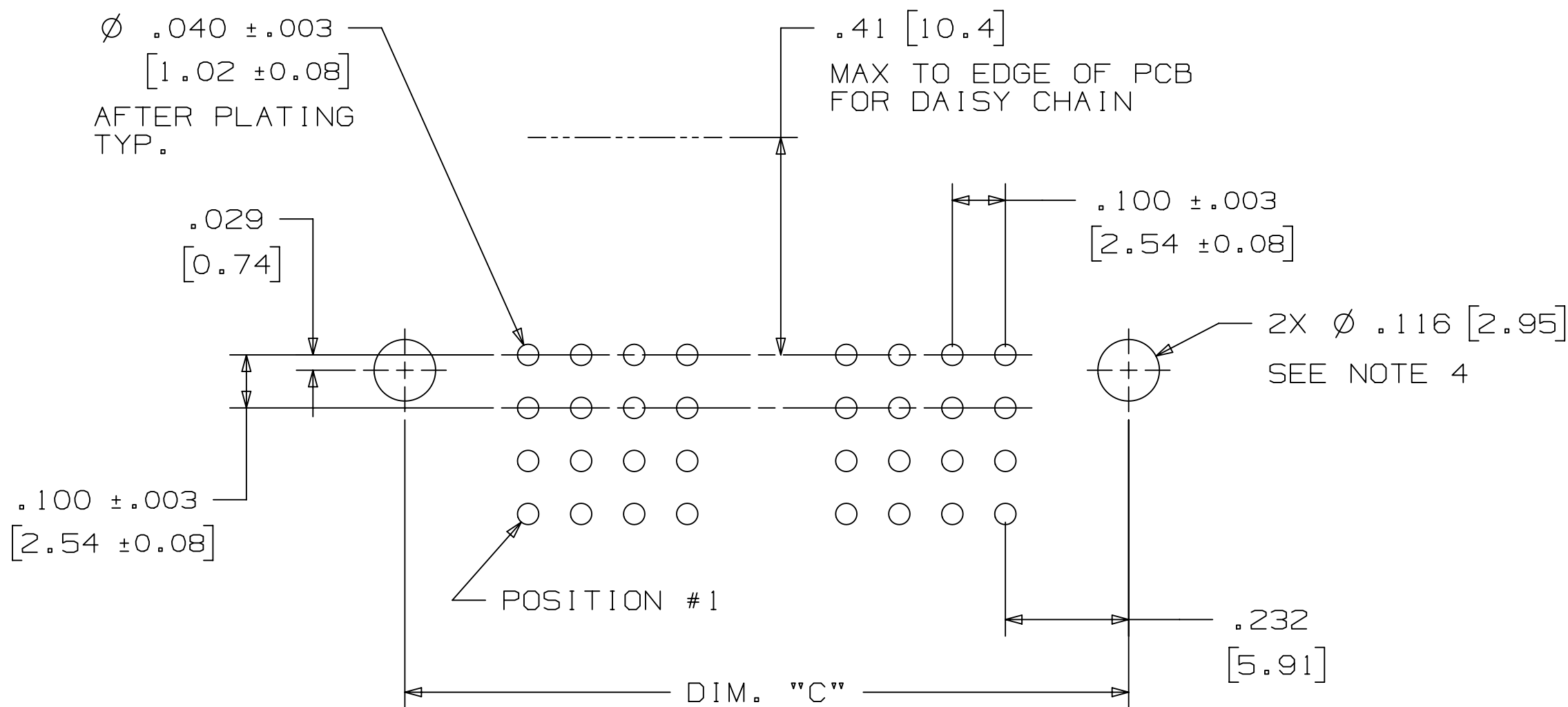
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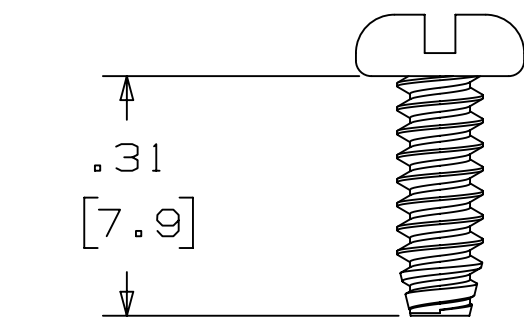
TITLE	FOUR-WALL CONDO HEADER, .100 X .100 LATCH/EJECT, RA
CAGE NUMBER	D78-5100-0774-9
SIZE	M
DRAWING NO.	78-5100-0774-9
REV.	M
MODEL	3400
DET	LISTS
YES	NO
SHT 2 OF 4	

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



RECOMMENDED MOUNTING HOLE PATTERN

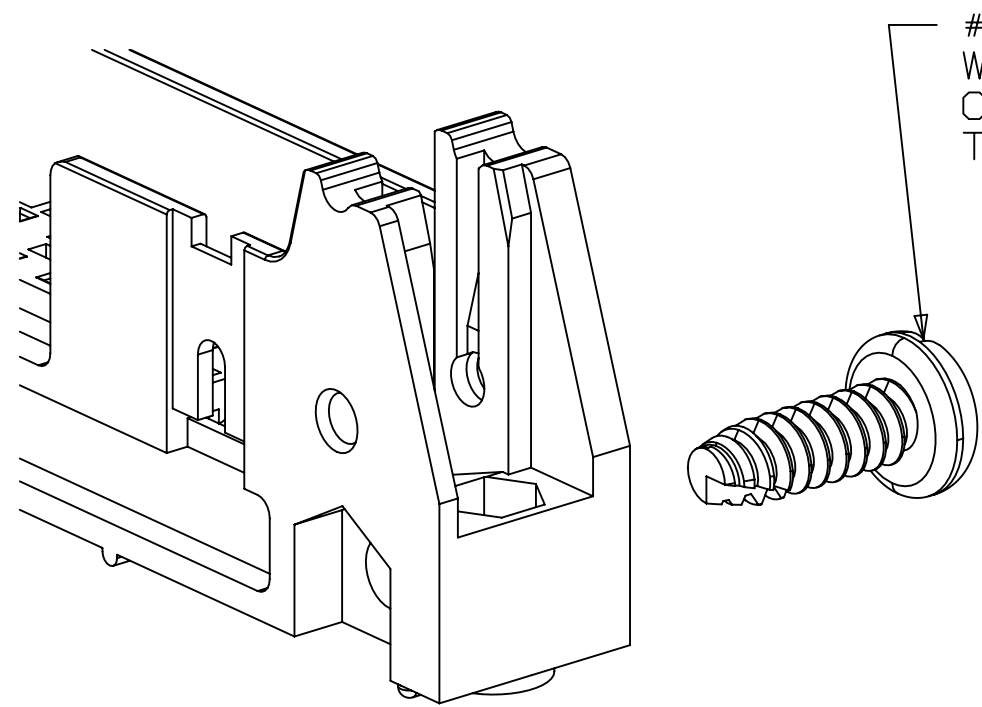
MOUNTING HARDWARE



3341-5

(INSTALL FROM BOTTOM OF BOARD)
SEE NOTE 4

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.

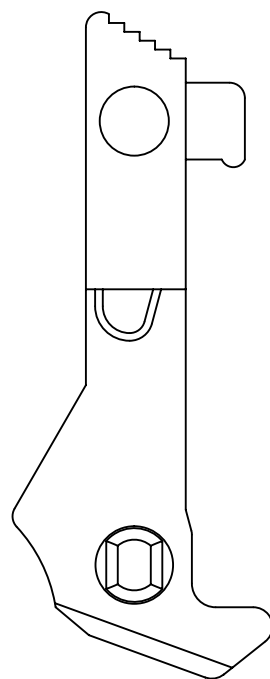
PART CUSTOMIZATION

THIS SPEC SHEET DETAILS OUR STANDARD OFFERING.

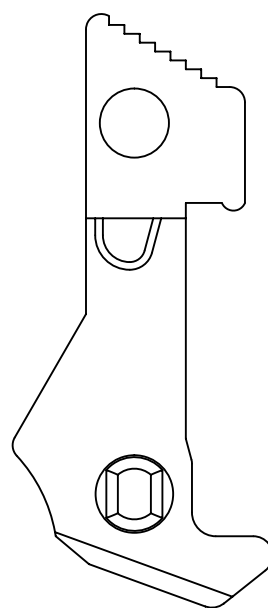
3M HAS SEVERAL CAPABILITIES THAT CAN PROVIDE A PART TAILORED
TO YOUR SPECIFIC NEEDS. ASK YOUR 3M SALES REPRESENTATIVE
OR CUSTOMER SERVICE FOR MORE DETAILS.

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



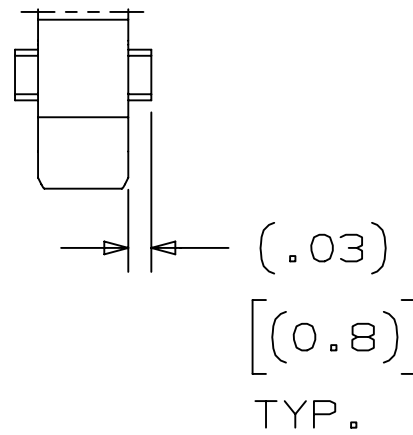
LONG



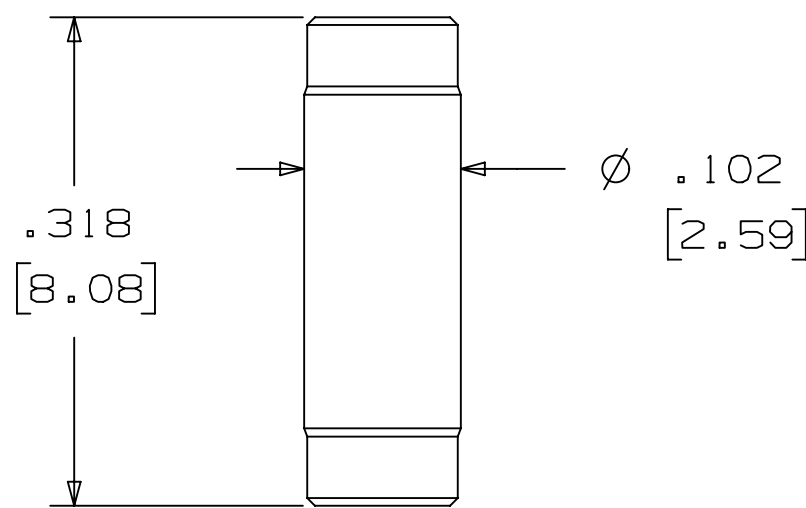
SHORT

SNAP-IN LATCHES

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



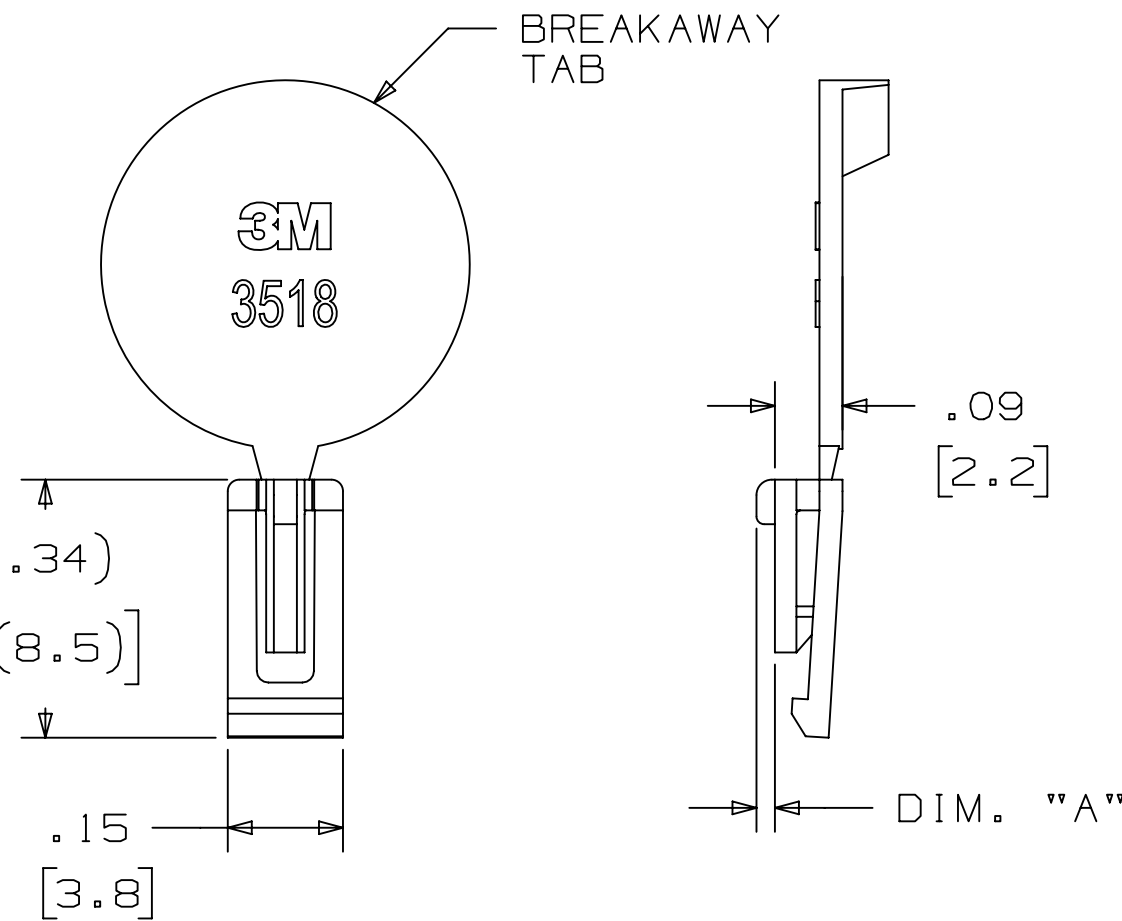
POLARIZING POST



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	DATE AUG 05,2014	DATE AUG 05,2014
XXXXXX	XXXXXX	CHKD	R. SCHERER	DATE AUG 05,2014	DATE AUG 05,2014	DATE AUG 05,2014
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THIRD ANGLE PROJECTION	INTERPRET PER ASME Y14.5 - 2018	INCHES 0 ±.1 ±.01 ±.005 ±.0002	MILLIMETERS 0 ±.2 ±.3 ±.13 ±.005	CAGE NUMBER D78-5100-0774-9	SIZE M	DRAWING NO. 78-5100-0774-9
MAX SURFACE ROUGHNESS ALL SURFACES MARKED ONLY	ANGLES	MODEL 3400	LISTS YES	NO	SHT 3 OF 4	REV.

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

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M	97909	JUN 22,2021	JNC	SAN
L	93619	JAN 05,2021	JNC	SAN
K	60056	MAR 06,2015	JNC	RS
J	56068	AUG 05,2014	JNC	RS
REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
DRFT	CSTIGLIONE	DATE AUG 05,2014	MFG	DATE
CHKD		DATE	APPRV	DATE
			R. SCHERER	SEP 05,2014

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INTERPRET PER ASME Y14.5 - 2018		MILLIMETERS 0 ±2 .0 ±.3 .00 ±.13 .000 ±.005	
MAX SURFACE ROUGHNESS		ALL SURFACES	
MARKED ONLY		ANGLES	

TITLE	FOUR-WALL CONDO HEADER, .100 X .100 LATCH/EJECT, RA
CAGE NUMBER	78-5100-0774-9
SIZE	M
DRAWING NO.	78-5100-0774-9
REV.	M
MODEL	3400
DET	LISTS
YES	NO
SHT 4 OF 4	

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[N3372-L202RB](#) [N3372-L302RB](#) [N3408-L302RB](#) [N3428-L002RB](#) [N3428-L202RB](#) [N3428-L302RB](#) [N3429-L202RB](#)
[N3431-L202RB](#) [N3431-L302RB](#) [N3433-L202RB](#) [N3764-L302RB](#) [N3793-L302RB](#)