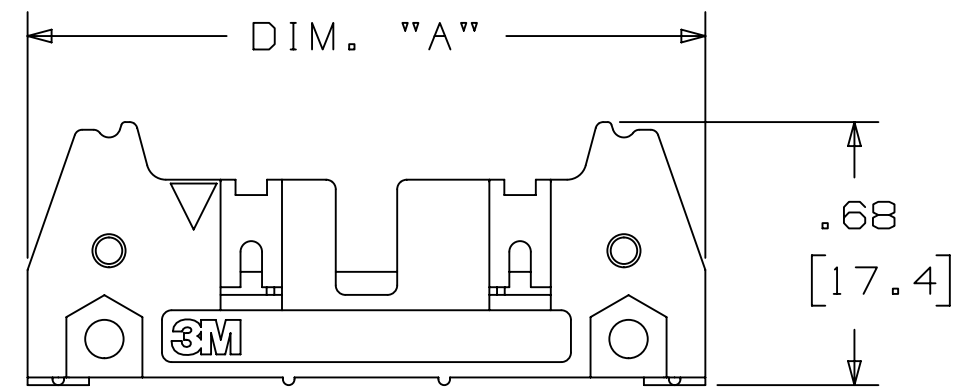


.100" X .100" LATCH/EJECTOR, STRAIGHT AND RIGHT ANGLE



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.

Technical drawing of a mechanical part with dimensions in inches and millimeters. The drawing includes a cross-section view of a component with a 3M logo. Dimensions are provided in inches and millimeters in brackets. Key dimensions include:

- Top left: $.573 \pm .010$ [14.55 ± 0.25]
- Top right: (1.07) [(27.2)]
- Left side: $.08$ [2.0]
- Bottom left: $(.46)$ [(11.7)]

The drawing also shows a cross-section of a component with a 3M logo, indicating a specific material or process.

A

3M™ THREE-WALL HEADER, 3000 SERIES

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

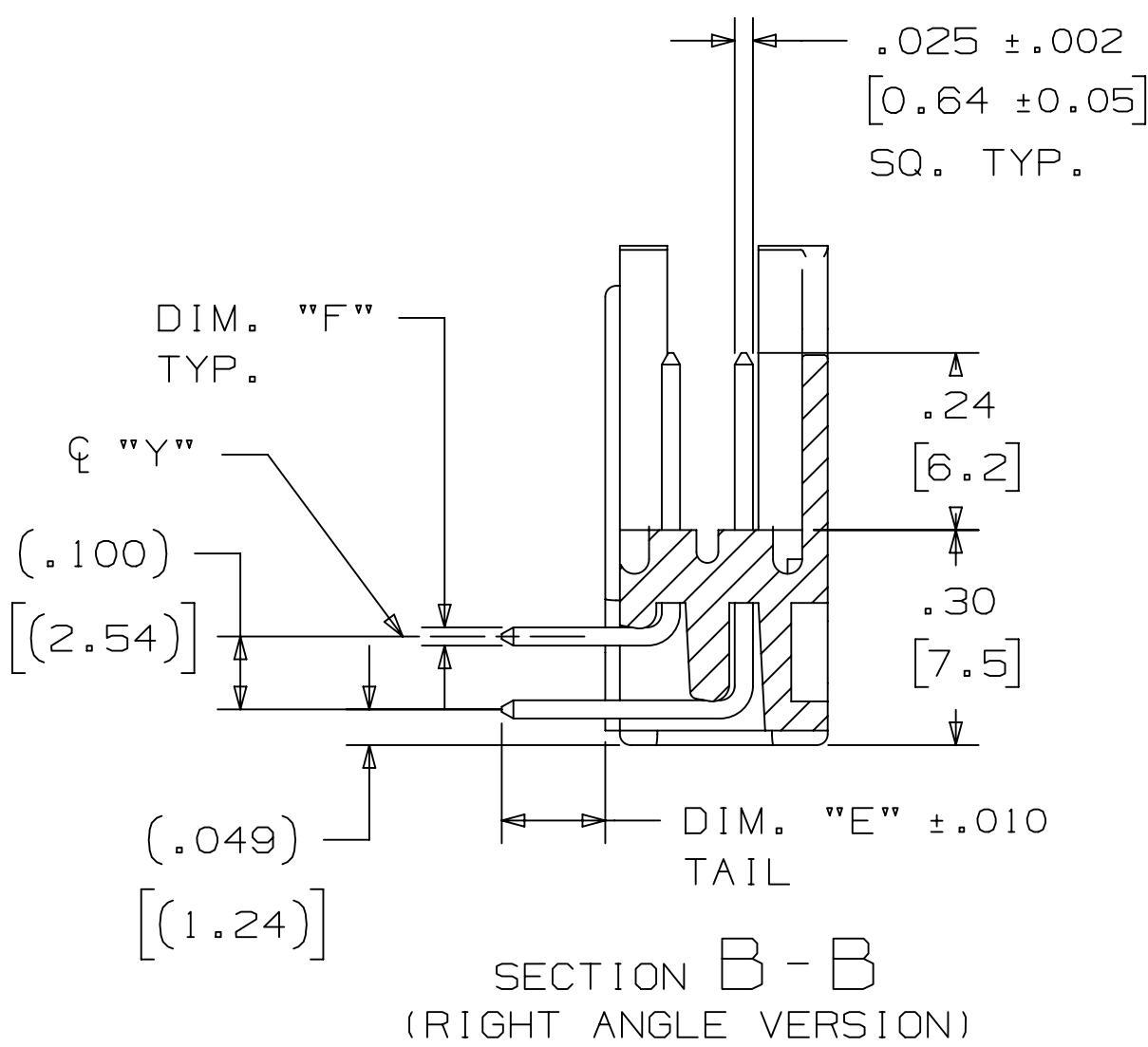
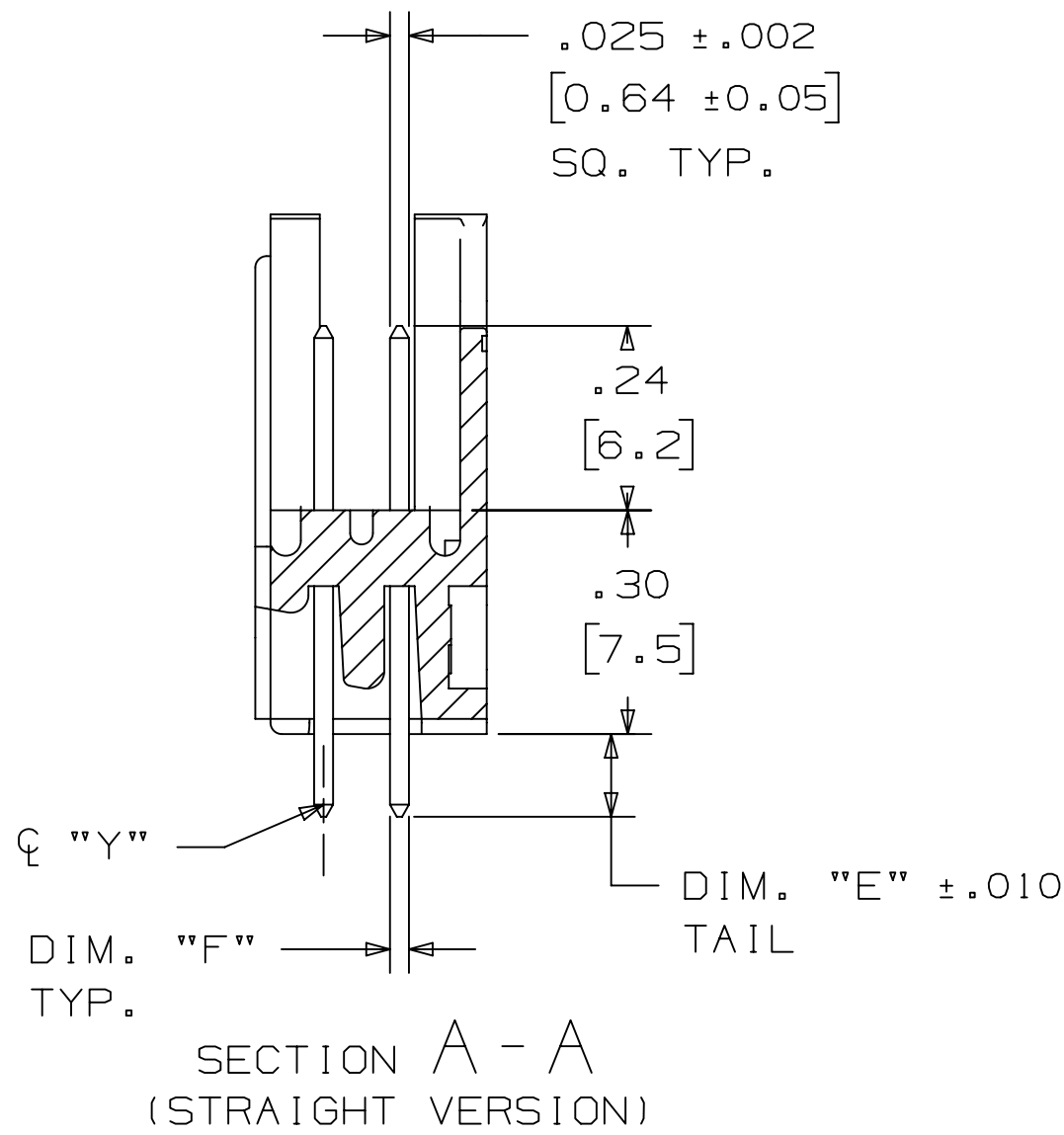
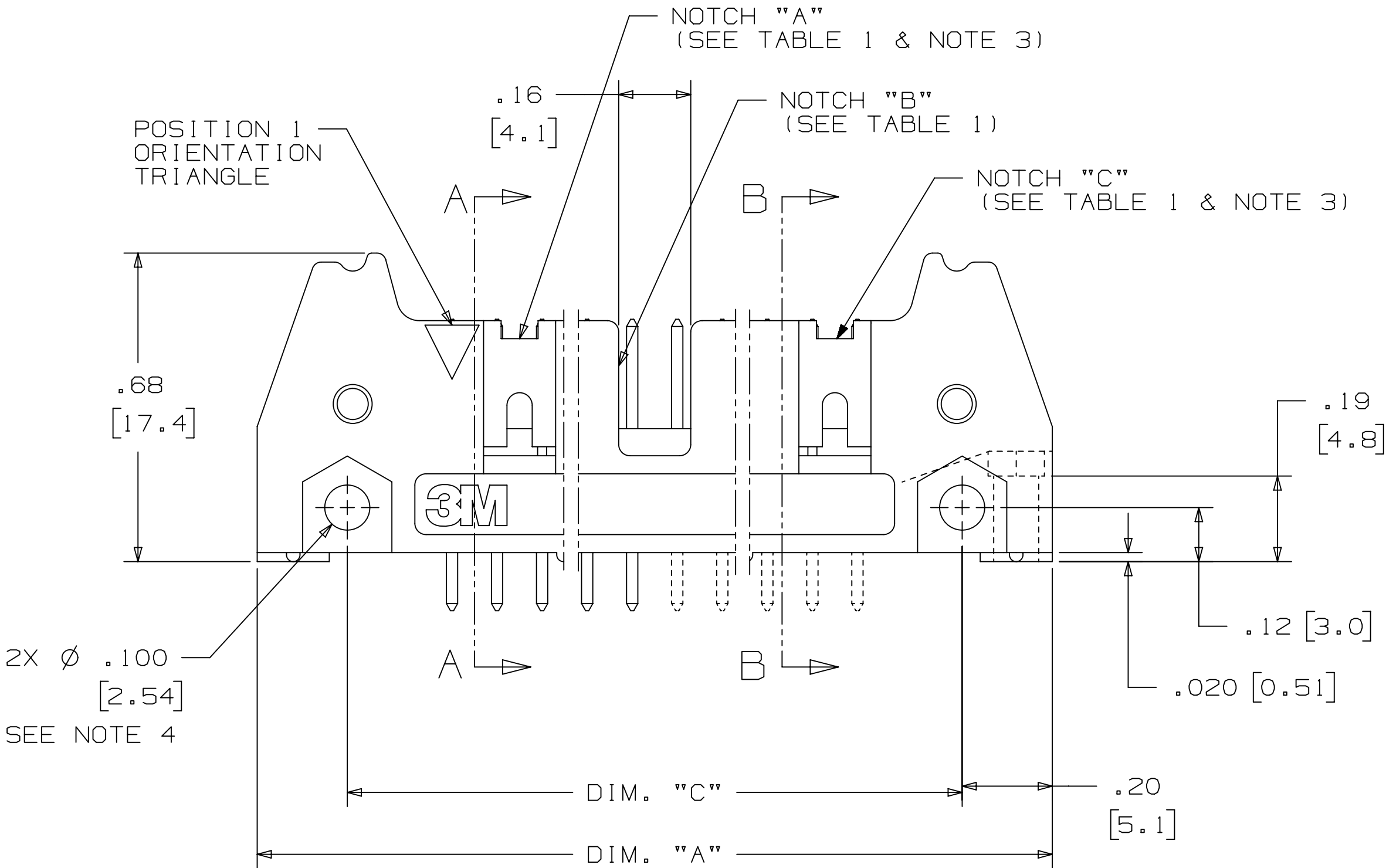
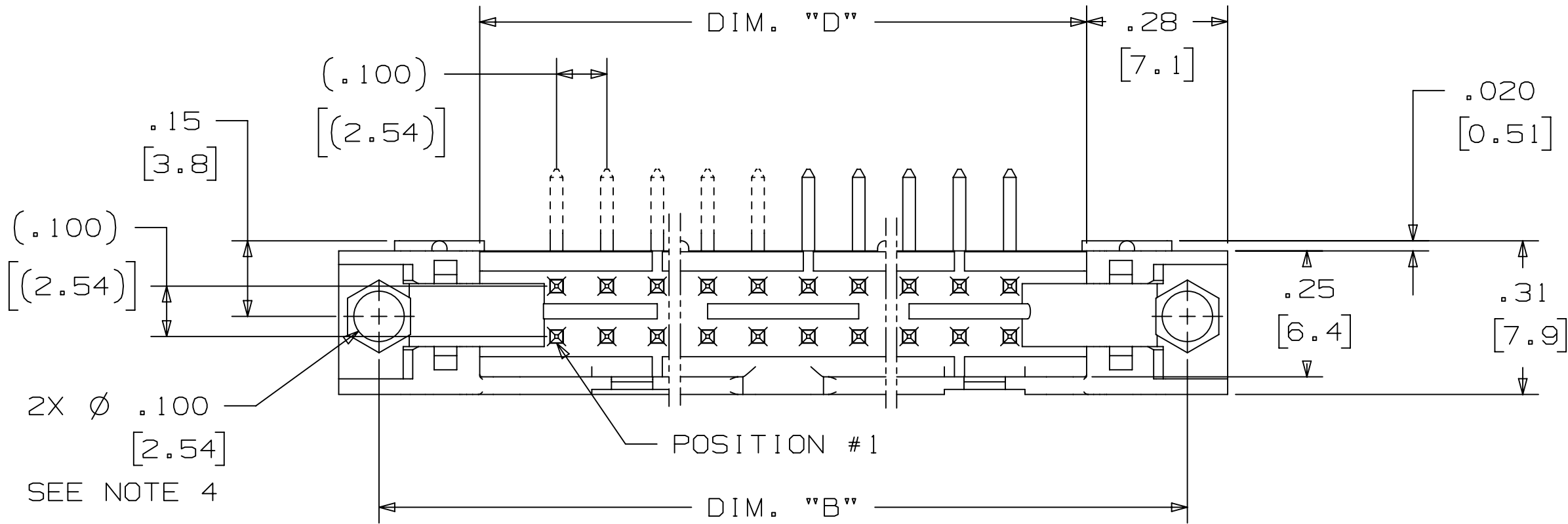


TABLE 1							
PIN QTY.	3M PART NUMBER	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"	POLARIZING NOTCHES	PIN QTY.
10	3793	1.26 [32.1]	1.105 [28.04]	.865 [21.97]	.71 [18.0]	BC	10
14	3314	1.46 [37.2]	1.305 [33.12]	1.065 [27.05]	.91 [23.1]	BC	14
16	3408	1.56 [39.7]	1.405 [35.66]	1.165 [29.59]	1.01 [25.6]	ABC	16
20	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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DESIGN REFERENCE		NEXT ASSEMBLY	
DRG CODES		DRG CODES	
DIVISION Interconnect Solutions		DIVISION CODE EMSD	
DO NOT SCALE DRAWING	SCALE	TOLERANCES EXCEPT AS NOTED	
THIRD ANGLE PROJECTION		INCHES .0 ±.1 .00 ±.01 .000 ±.005 .0000 ±.0002	
INTERPRET PER ASME Y14.5 - 2018		MILLIMETERS 0 ±.0 .00 ±.000 .000 ±.000	
MAX SURFACE ROUGHNESS		CAGE NUMBER	
ALL SURFACES MARKED ONLY		DRAWING NO. 78-5100-0771-5	
		REV. L	
		MODEL 3400	

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
REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
DRFT	CASTIGLIONE	DATE 05,2014	MFG	DATE
CHKD		DATE	APPR	DATE
			R. SCHERER	SEP 05,2014

3M Center St. Paul, MN 55144

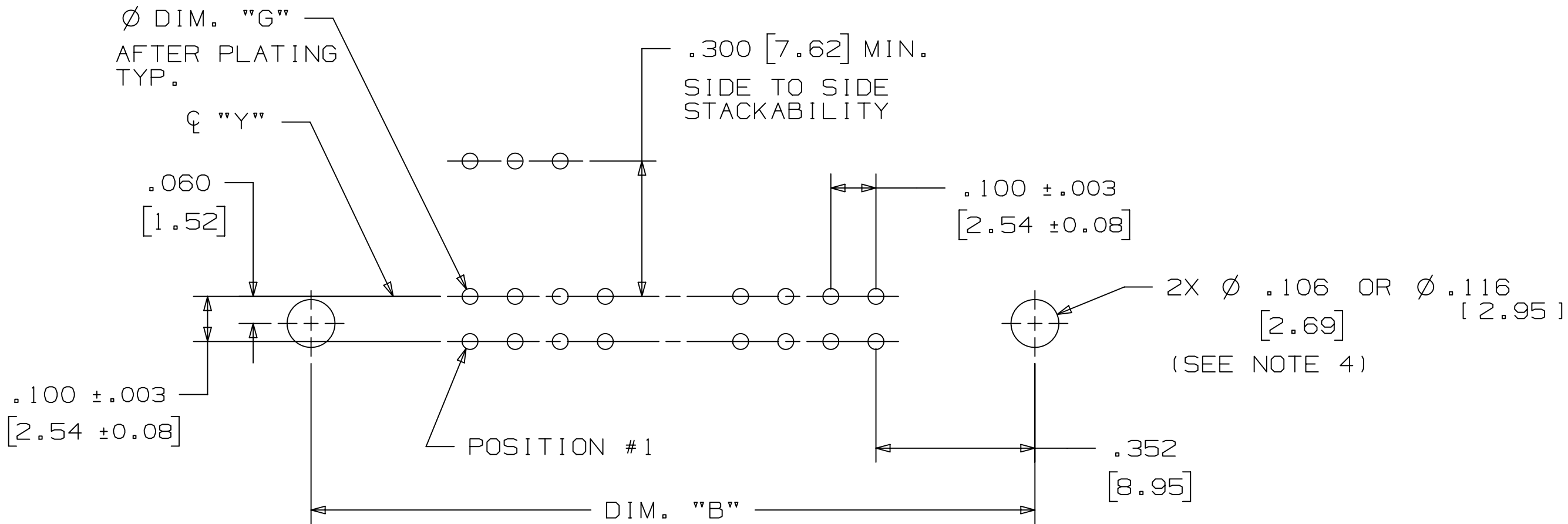
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HEADER, 3-WALL, .100 X .100 LATCH/EJECTOR, STRAIGHT AND RA

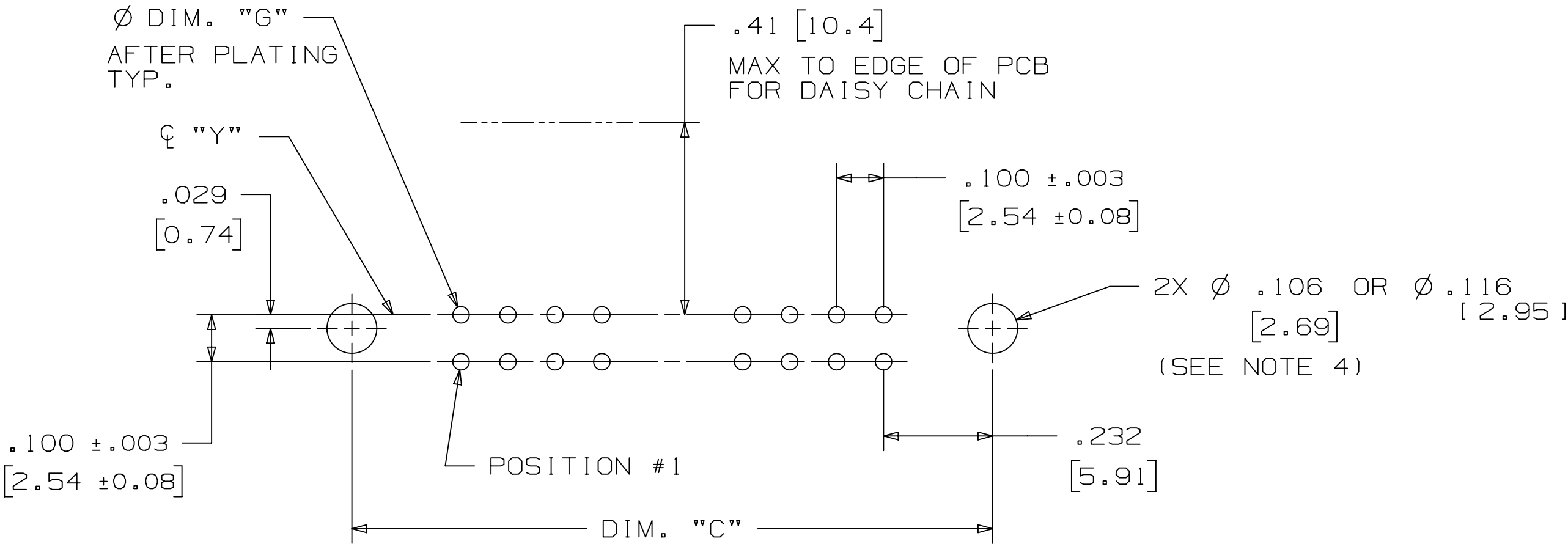
78-5100-0771-5
DRAWING NUMBER

A

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

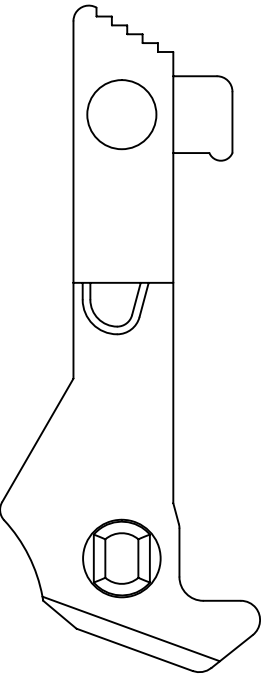
THIS SPEC SHEET DETAILS OUR STANDARD OFFERING.

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.

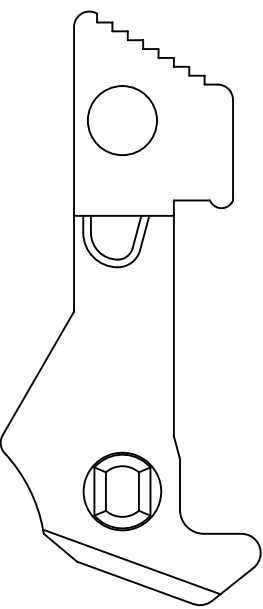
BOTH SNAP-IN AND ROLL PIN LATCHES MAY BE ORDERED SEPARATELY. SNAP-IN AND ROLL PIN STYLE LATCHES ARE DIMENSIONALLY AND FUNCTIONALLY EQUIVALENT. IF ORDERING SNAP-IN OR ROLL PIN STYLE LATCHES SEPARATELY, PLEASE USE THE BELOW CHART.

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

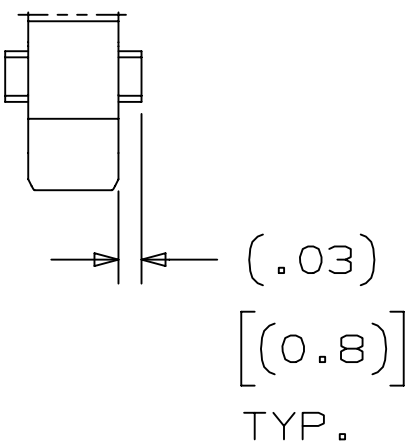


LONG



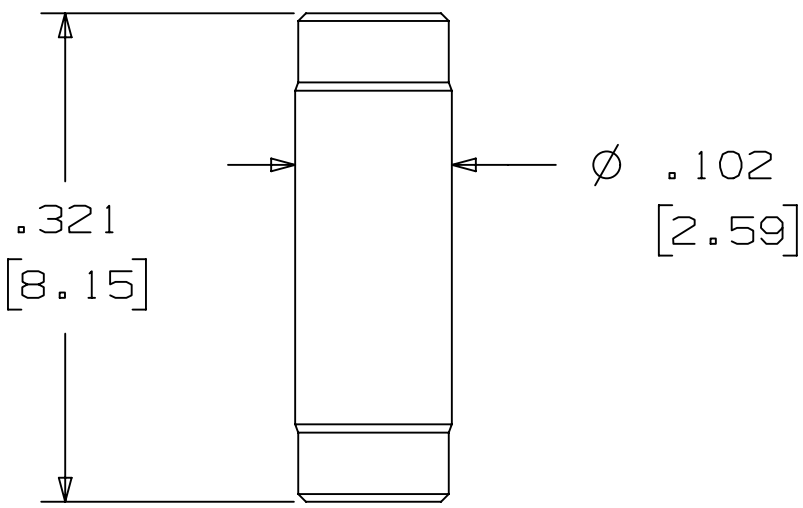
SHORT

SNAP-IN LATCHES



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

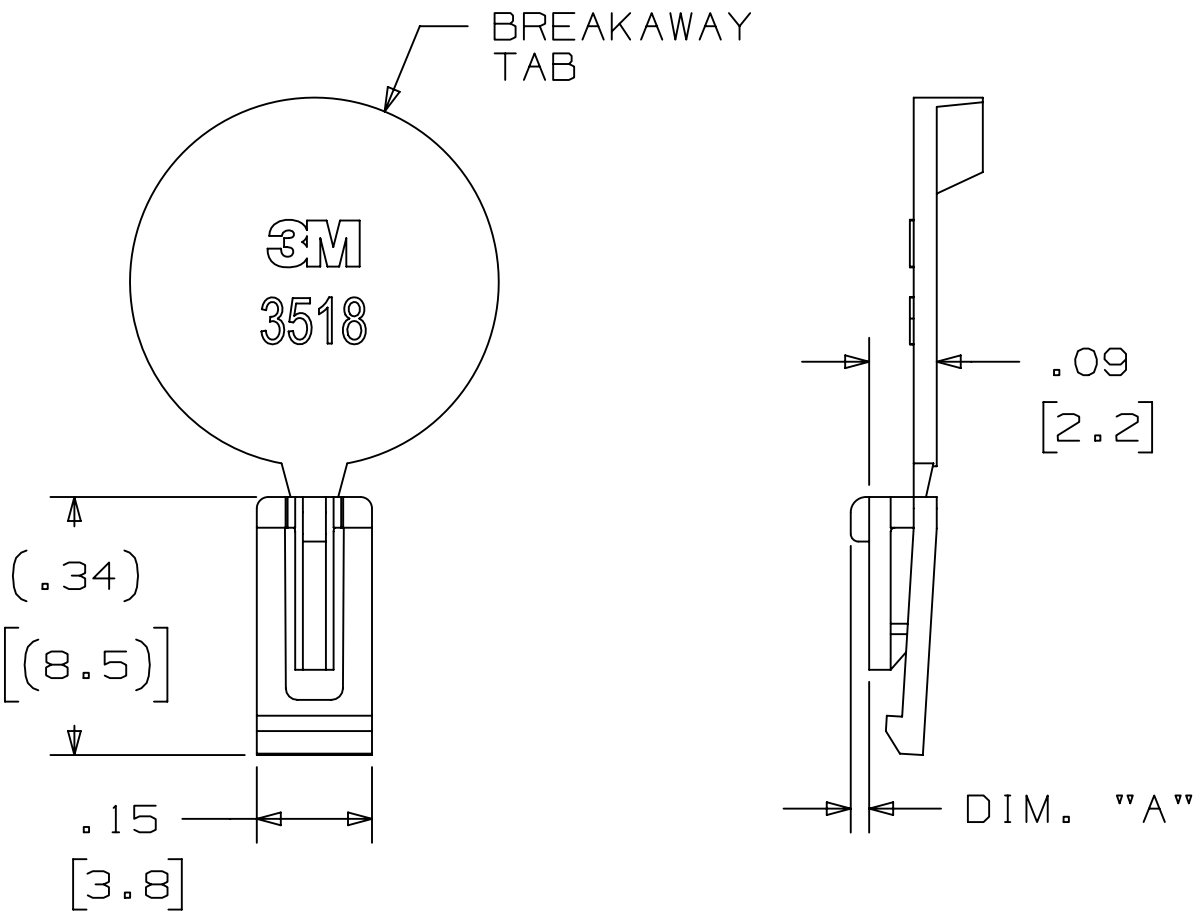
POLARIZING POST



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	1	ECO	MAY 08, 2024 REMOVE 05 WWT TAILS	JNC	FJR
XXXXXX	XXXXXX	2	ECO	JUN 22, 2021 REVISED ORDERING INFO	JNC	SAN
XXXXXX	XXXXXX	3	ECO	JAN 07, 2021 REMOVE TIN LEAD PLATE AND KINK TAILS	JNC	SAN
XXXXXX	XXXXXX	4	ECO	MAR 06, 2015 REVISE ORDERING NUMBER	JNC	RS
XXXXXX	XXXXXX	5	ECO	AUG 05, 2014 REVISED AND REDRAWN	JNC	RS
XXXXXX	XXXXXX	6	ECO	ISSUE DATE AND DESCRIPTION	JNC	RS
XXXXXX	XXXXXX	7	ECO	DATE 05, 2014	JNC	RS
XXXXXX	XXXXXX	8	ECO	DATE 05, 2014	JNC	RS
XXXXXX	XXXXXX	9	ECO	DATE 05, 2014	JNC	RS
XXXXXX	XXXXXX	10	ECO	DATE 05, 2014	JNC	RS
XXXXXX	XXXXXX	11	ECO	DATE 05, 2014	JNC	RS
XXXXXX	XXXXXX	12	ECO	DATE 05, 2014	JNC	RS
XXXXXX	XXXXXX	13	ECO	DATE 05, 2014	JNC	RS
XXXXXX	XXXXXX	14	ECO	DATE 05, 2014	JNC	RS
XXXXXX	XXXXXX	15	ECO	DATE 05, 2014	JNC	RS
XXXXXX	XXXXXX	16	ECO	DATE 05, 2014	JNC	RS
XXXXXX	XXXXXX	17	ECO	DATE 05, 2014	JNC	RS
XXXXXX	XXXXXX	18	ECO	DATE 05, 2014	JNC	RS
XXXXXX	XXXXXX	19	ECO	DATE 05, 2014	JNC	RS
XXXXXX	XXXXXX	20	ECO	DATE 05, 2014	JNC	RS

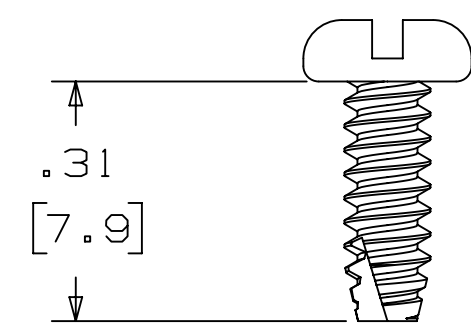
Division	Interconnect Solutions	Division Code	EMSD
DO NOT SCALE DRAWING	SCALE	TOLERANCES EXCEPT AS NOTED	
THIRD ANGLE PROJECTION		INCHES .00 ±.01 .000 ±.005 .0000 ±.0002	
INTERPRET PER ASME Y14.5 - 2018		MILLIMETERS 0 ±.00 ±.000 ±.000	
MAX SURFACE ROUGHNESS		ALL SURFACES	
MARKED ONLY		ANGLES	

TITLE	HEADER, 3-WALL, .100 X .100 LATCH/EJECTOR, STRAIGHT AND RA
CAGE NUMBER	D78-5100-0771-5
SIZE	L
DRAWING NO.	78-5100-0771-5
REV.	L
MODEL	3400
DET	YES
YES	NO
SHT	3 OF 5

3M™ THREE-WALL HEADER, 3000 SERIES

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

MOUNTING HARDWARE



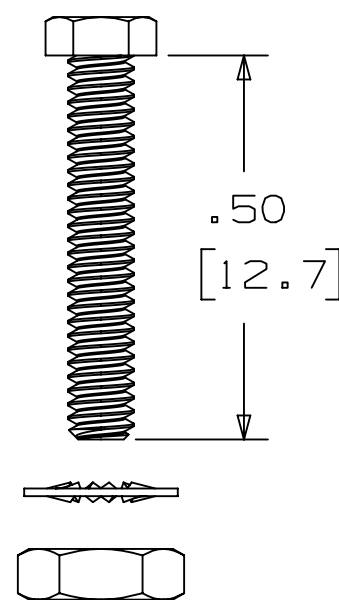
3341-5

(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

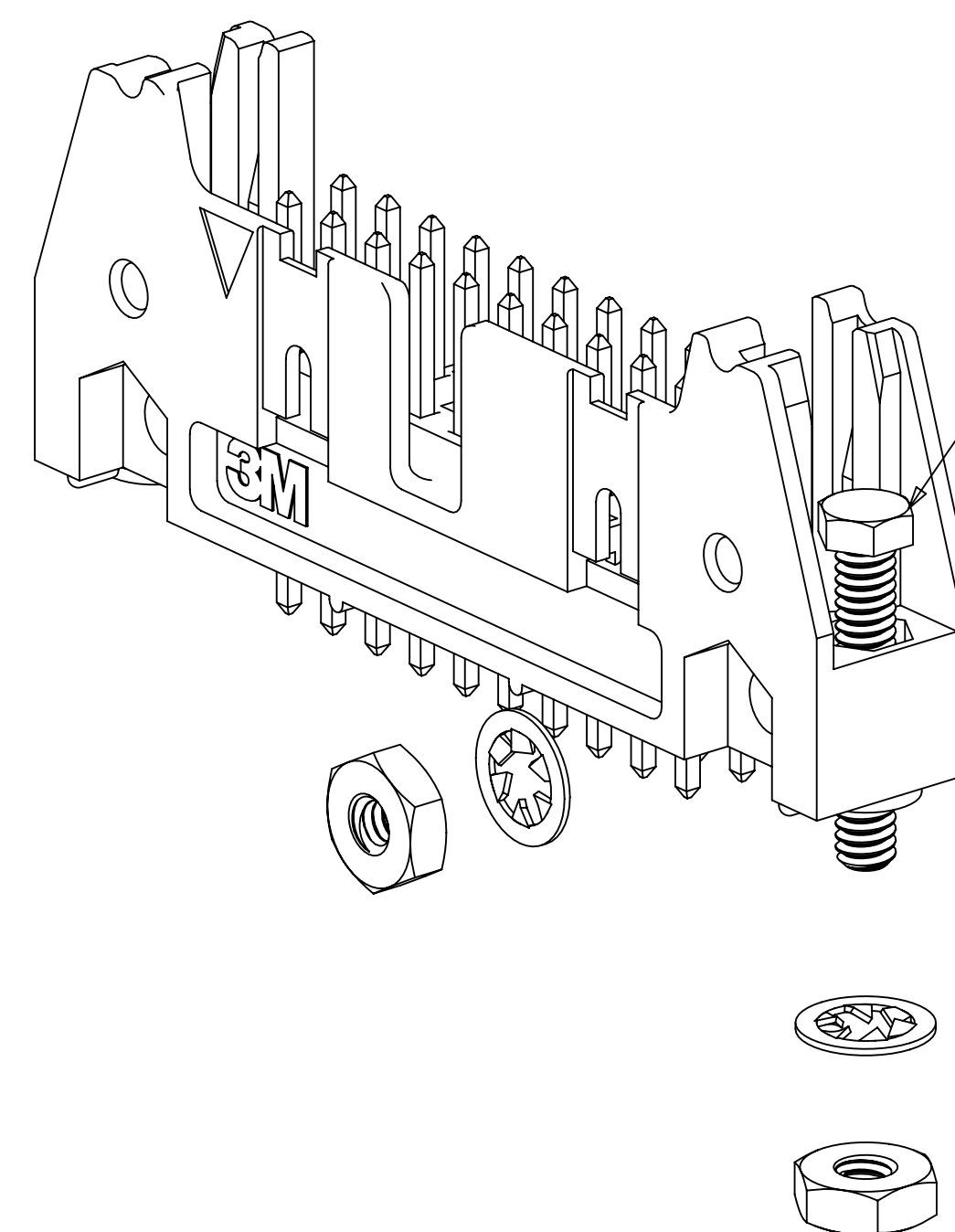


3341-6

HEX HEAD BOLT, NUT AND WASHER:

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

MATERIAL: STAINLESS STEEL

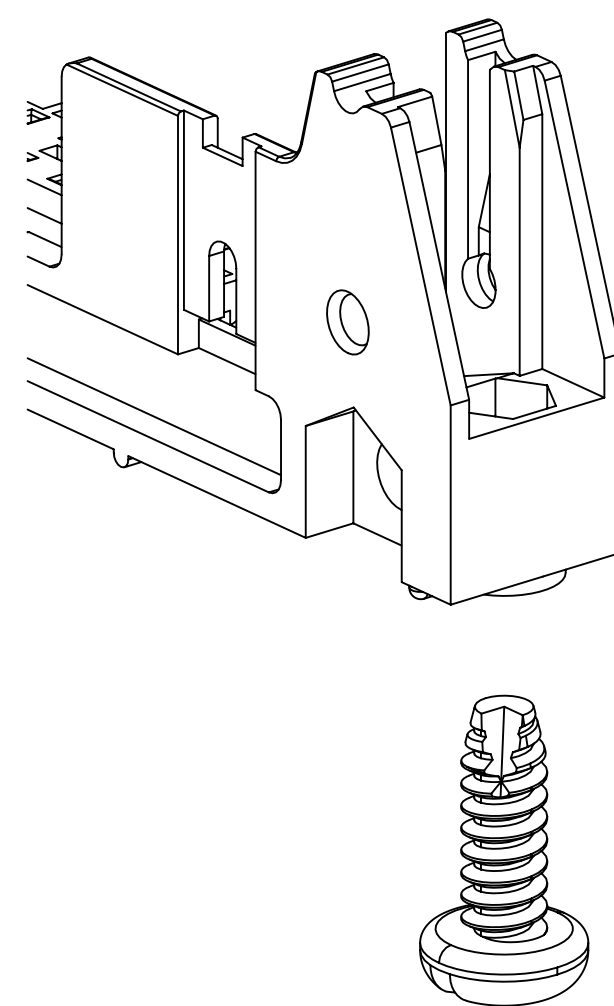


— STRAIGHT VERSION INSTALL
(MUST BE INSERTED PRIOR TO
LATCH INSTALL)

— RIGHT ANGLE VERSION INSTALL

3341-6

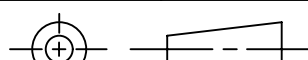
#2-56 NUT AND BOLT



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
DRAFT CASTLEGLDNE		DATE AUG 05, 2014	APPROVAL F SCHERER	DATE SEP 05, 2014
CHKD		DATE		

DESIGN REFERENCE			NEXT ASSEMBLY			REV		ECO		ISSUE DATE AND DESCRIPTION			DRFT		CHKD		
ACROSS CODES						REV		CAST		GLIONE		DATE		DATE			
												DATE		APPR		DATE	
														R. SCHERER		SEP 05, 2014	
DIVISION						DIVISION CODE											
Interconnect Solutions						EMSD											
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			INCHES			3M Center St. Paul, MN 55114			TITLE			HEADER, 3-WALL, .100 X .100 LATCH/EJECTOR, STRAIGHT AND RA					
THIRD ANGLE PROJECTION			.00 ±.1 .00 ±.01 .000 ±.005 .0000 ±.0002														
INTERPRET PER ASME Y14.5 - 2018			MILLIMETERS						CAGE NUMBER			SIZE			DRAWING NO.		
~~MAX SURFACE ROUGHNESS~~ 			0 ± .00 ± .000 ± .000 ±						D			78-5100-0771-5			L		
☒ ALL SURFACES ☐ MARKED ONLY			ANGLES ±			MODEL 3400			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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Electronics Materials Solutions Division
13011 McCallen Pass, Bldg. C
Austin, TX 78753-5380
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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
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REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
DRFT	CAS	DATE	DATE	DATE
CHKD	GL	AUG 05,2014	APPR	SEP 05,2014
			R. SCHERER	
DIVISION		DIVISION CODE		
Interconnect Solutions		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 SIZE DRAWING NO. REV.		
		MODEL 3400 DET LISTS YES NO SHT 5 OF 5		

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3M Center
St. Paul,
MN 55144

HEADER, 3-WALL, .100
X .100 LATCH/EJECTOR,
STRAIGHT AND RA