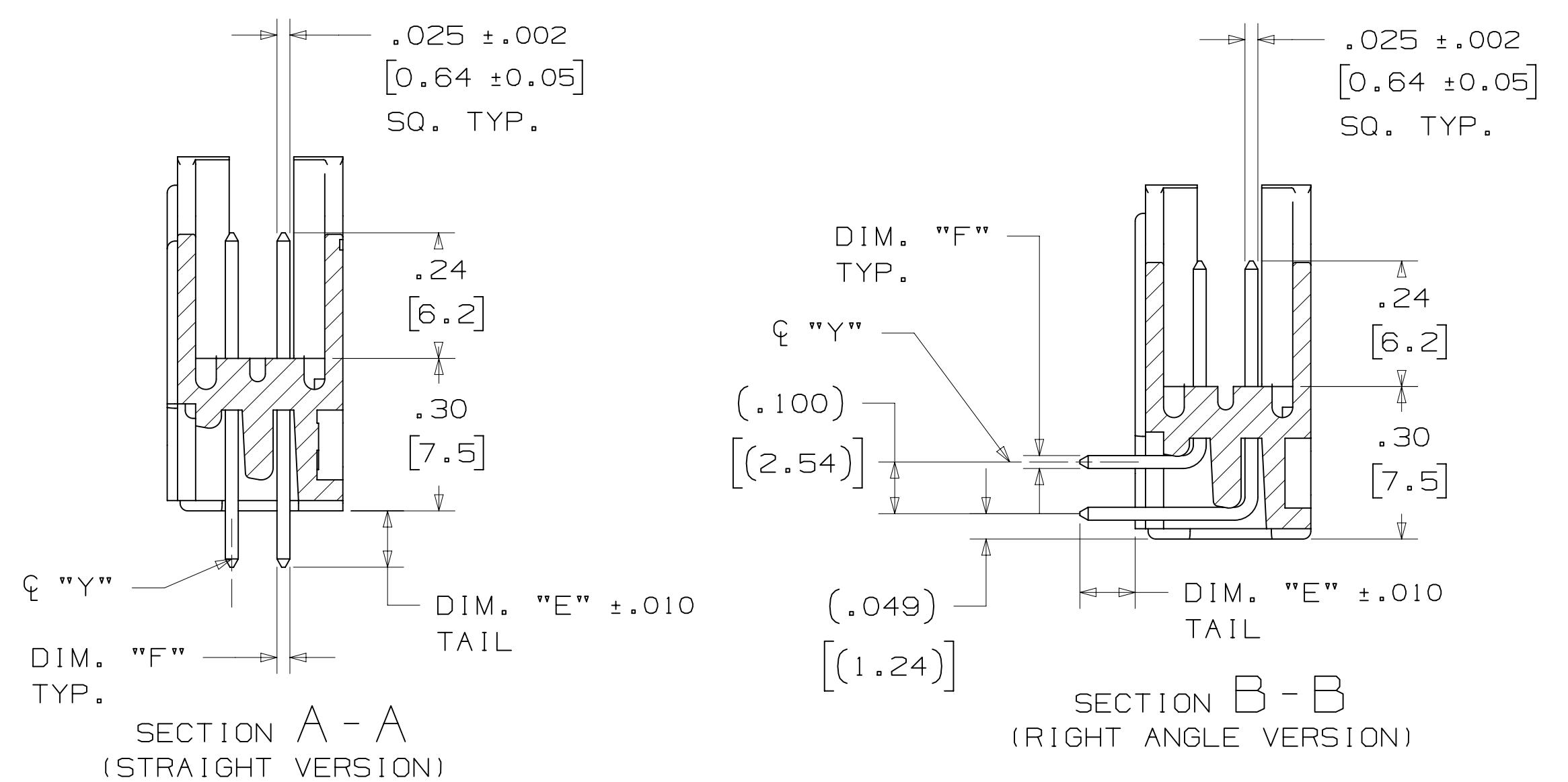


3M™ FOUR-WALL HEADER, 3000 SERIES

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



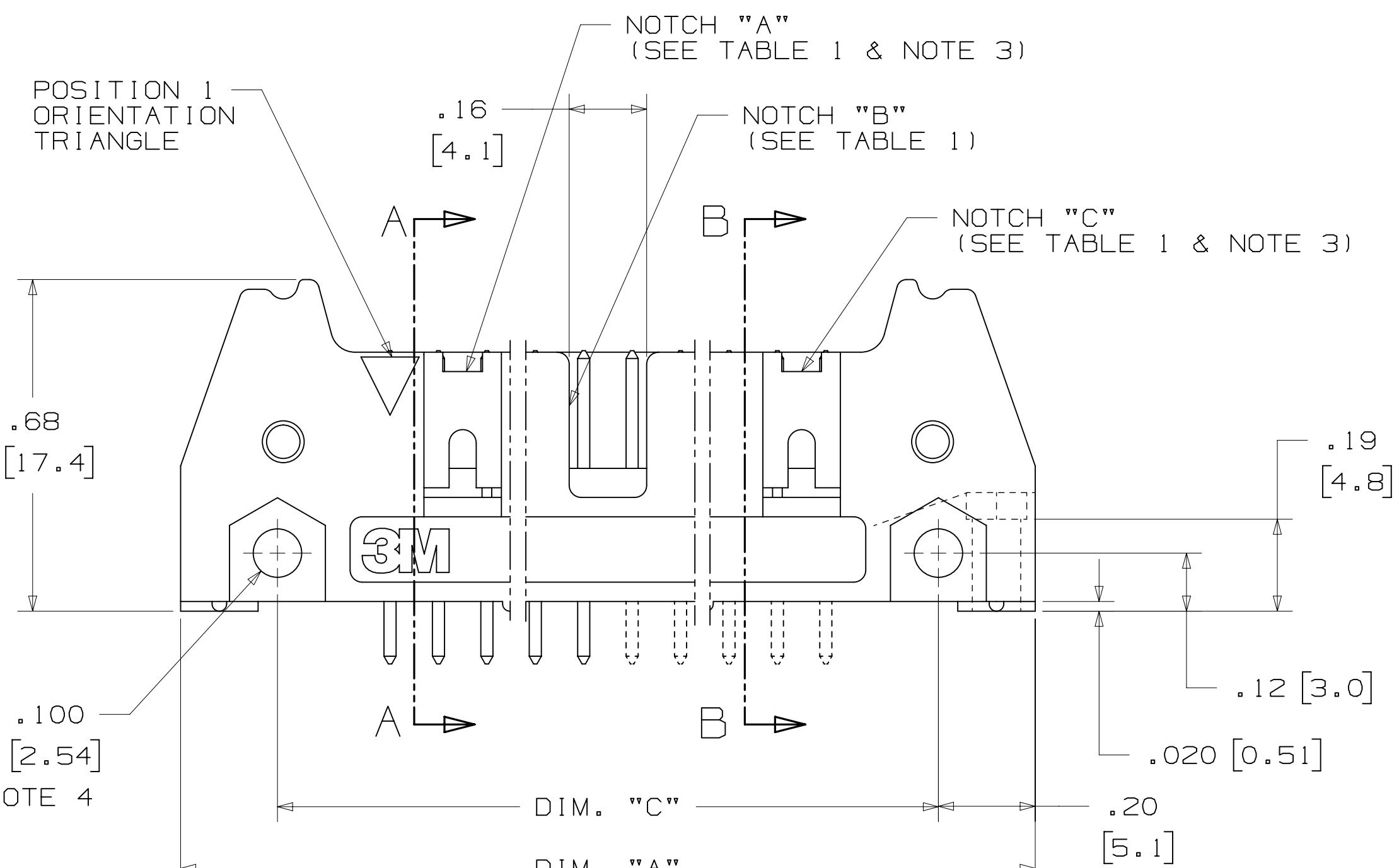
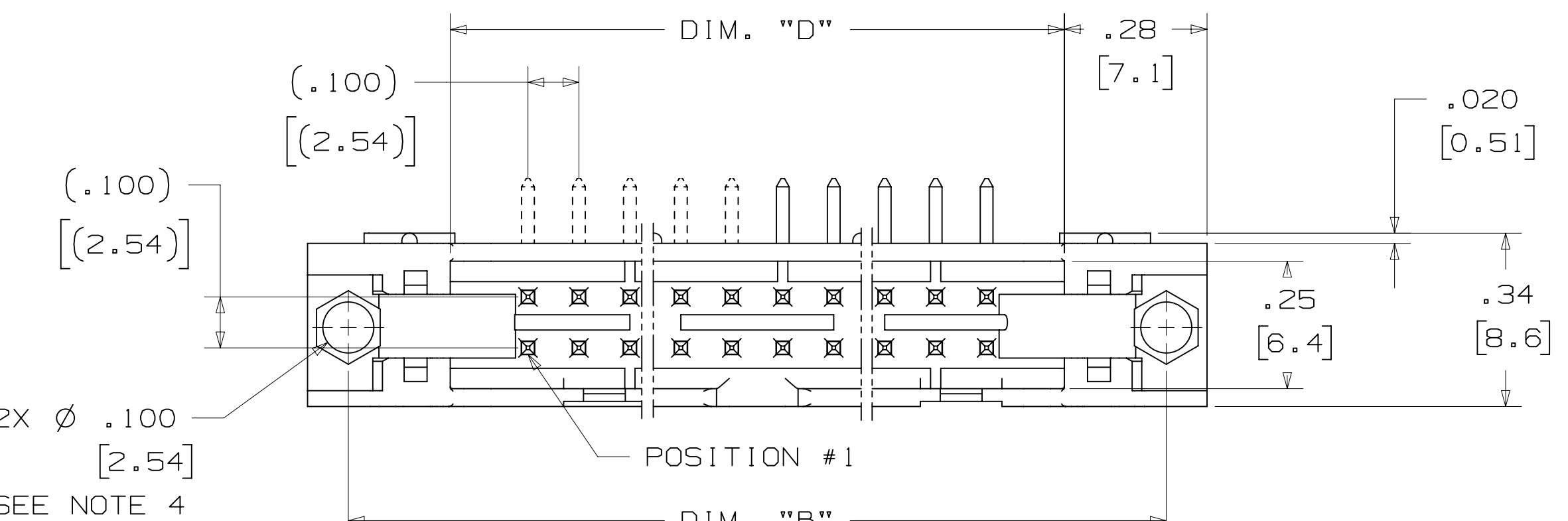
SECTION A - A
(STRAIGHT VERSION)

SECTION B - B
(RIGHT ANGLE VERSION)

TABLE 1							
PIN QTY.	3M PART NUMBER	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"	POLARIZING NOTCHES	PIN QTY.
06	3869	1.06 [27.0]	.905 [22.99]	.665 [16.89]	.51 [12.9]	B*	06
08	3889	1.16 [29.5]	1.005 [25.53]	.765 [19.43]	.61 [15.5]	B*	08
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
24	3627	1.96 [49.9]	1.805 [45.82]	1.565 [39.75]	1.41 [35.8]	ABC	24
26	3429	2.06 [52.4]	1.905 [48.36]	1.665 [42.29]	1.51 [38.3]	ABC	26
30	3440	2.26 [57.5]	2.105 [53.44]	1.865 [47.37]	1.71 [43.4]	ABC	30
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

* AVAILABLE WITHOUT CENTER NOTCH B. CONTACT 3M

3M PART NUMBER SUFFIX	CONTACT TAIL	DIM. "E"	PIN CROSS SECTION			DIM. "G"
			DIM. "F"	DIAGONALS	CORNER RADII	
-5XX2	.062 [1.57] THICK PC BOARD	.112 [2.84]	.0245+/- .0005 [.622]	.028+/- .001 [.71]	.0075 [.191] REF.	.035+/- .003 [.89] SEE NOTE 5
-6XX2						
-5X03	.094 [2.39] TO .125 [3.18] THICK PC BOARD	.155 [3.94]	.0245+/- .0005 [.622]	.028+/- .001 [.71]	.0075 [.191] REF.	.035+/- .003 [.89]
-6X03						
-5X05	WIRE WRAP TAIL FOR UP TO 3 LEVELS OF WIRE WRAP	.61 [15.5] REF.	.0250+/- .002 [.635]	.035+/- .003 [.89]	.003 [.08] MAX.	.045+/- .003 [1.14]



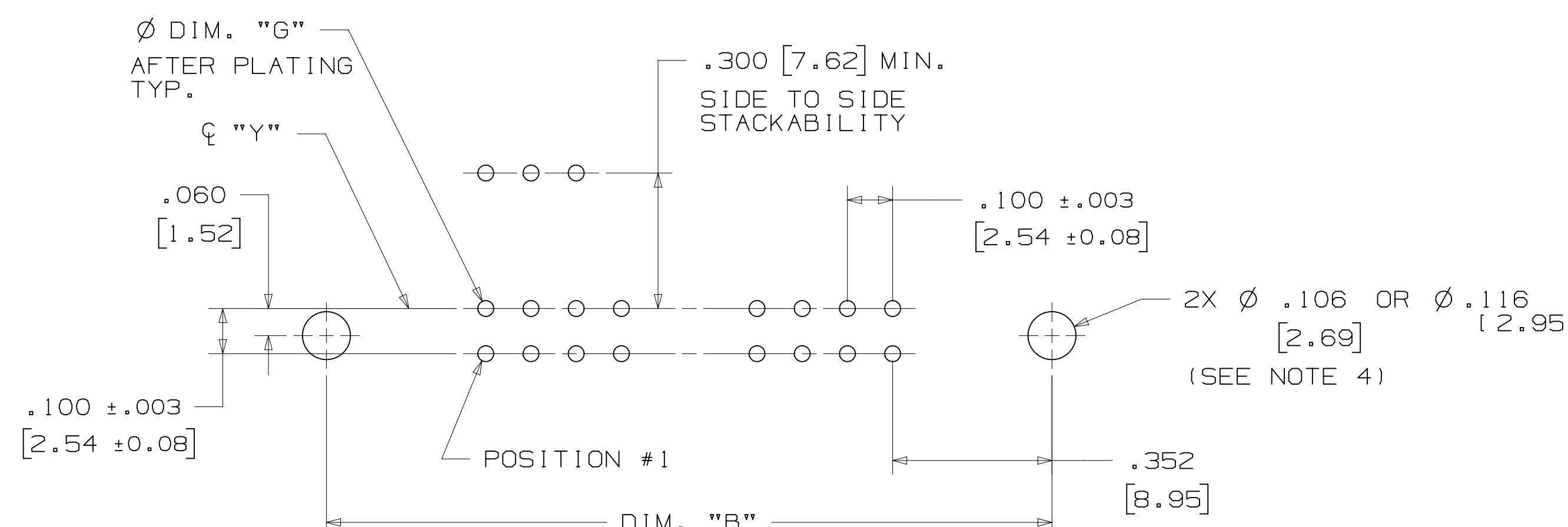
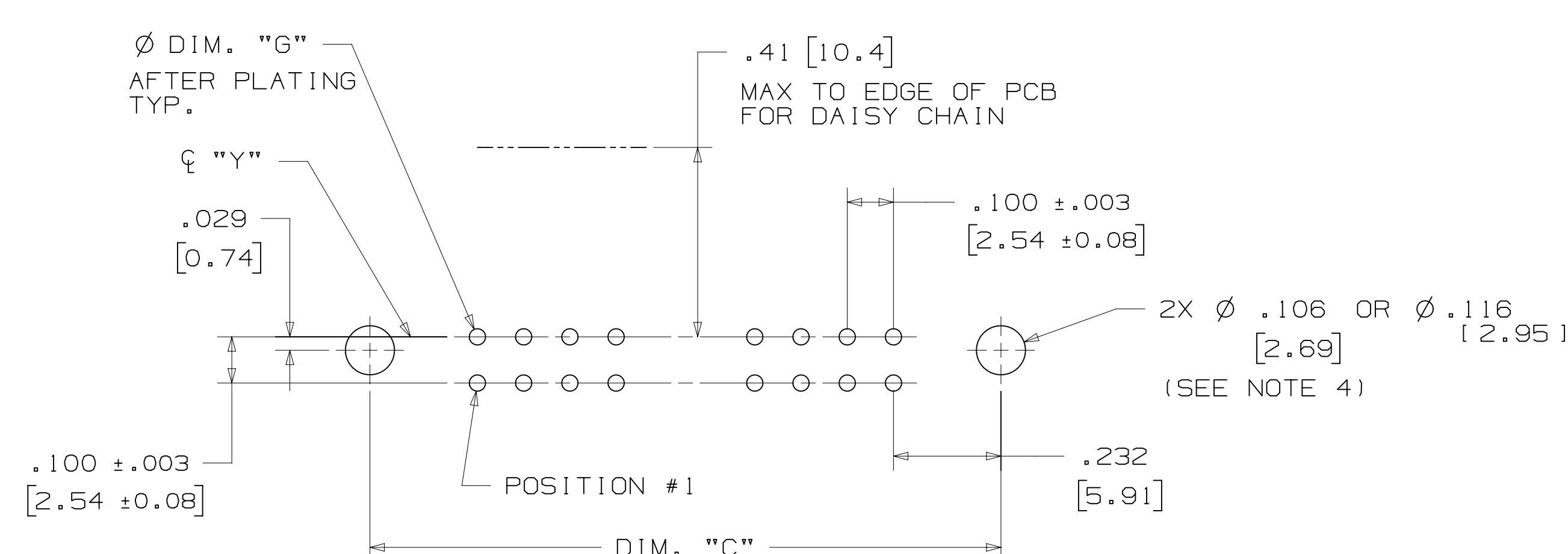
T	62689	JUL 10, 2015	ADD 5X5 OPTION AND REVISE NOTES	JNC	SN
S	60056	MAR 06, 2015	REVISE ORDERING NUMBER	JNC	RS
R	56068	JUL 25, 2014	REVISED AND REDRAWN	JNC	RS
REV	ECO	DATE	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
CASTIGLIONE JUL 25, 2014 MFG DATE					
R. SCHERER APPROV. DATE SEP 05, 2014					
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HEADER, 4-WALL, .100 X .100 LATCH/EJECTOR, STRAIGHT & RA					
DRAWING NO. D78-5100-0772-3 REV. T					
CAGE NUMBER 3000 SERIES					
DET. LISTS YES NO SHT 2 OF 4					

78-5100-0772-3

Imaged: T-2 7/12/2016 8:14 AM UTC-05:00

3M™ FOUR-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.

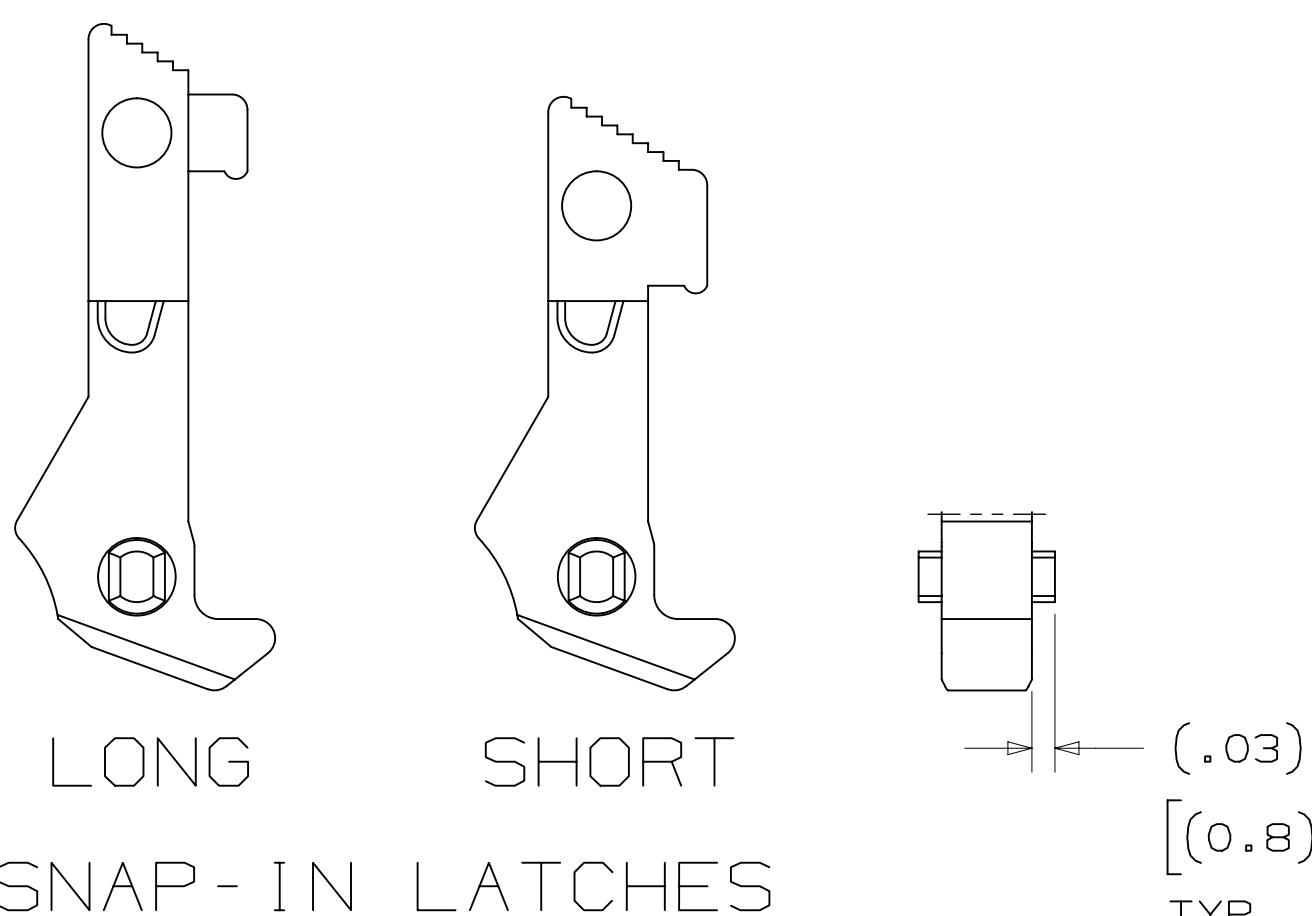
3M HAS SEVERAL CAPABILITIES THAT CAN PROVIDE A PART TAILORED TO YOUR SPECIFIC NEEDS. ASK YOUR 3M SALES REPRESENTATIVE OR CUSTOMER SERVICE FOR MORE DETAILS.

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

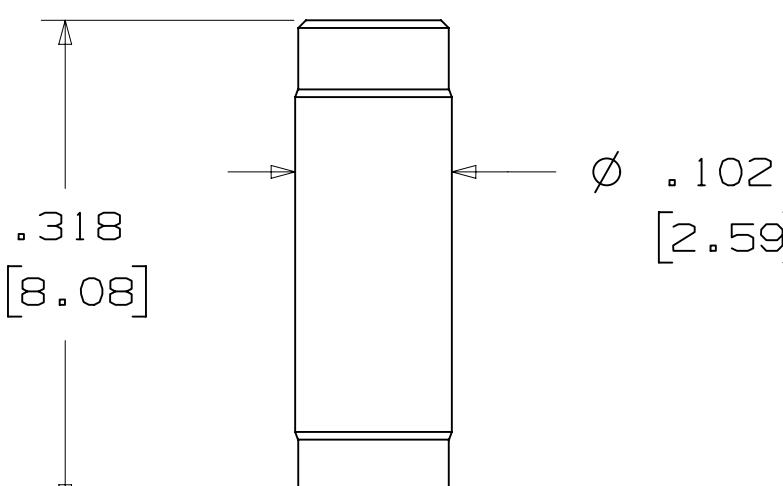
* SELECTIVE PIN REMOVAL (ATA OR OTHER COMPATABILITY)

* WIRE WRAP TAILS STYLE



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

POLARIZING POST



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

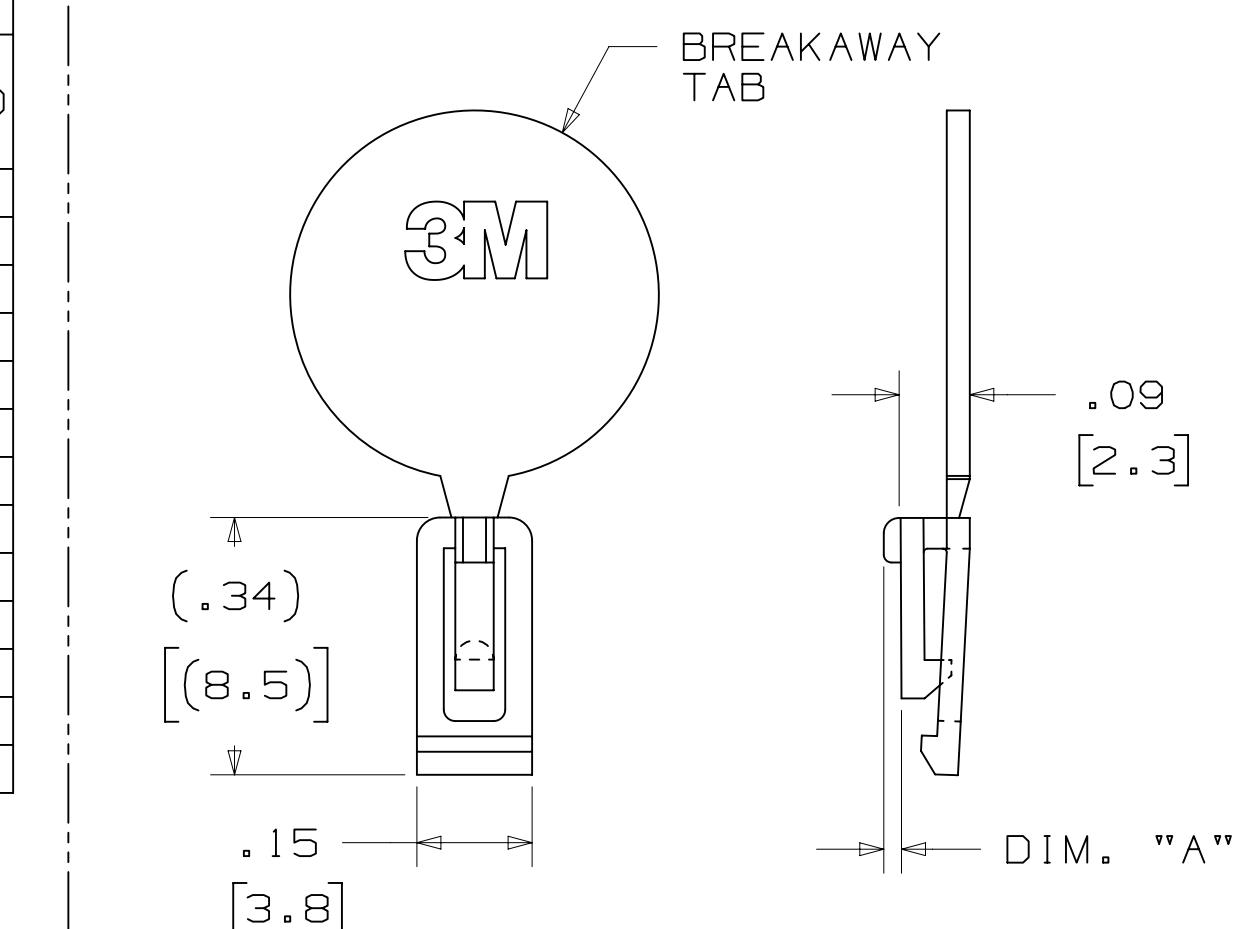
3M PART NO.	MATERIAL	COLOR
3201-4	LCP	BLACK

K2 OPTION

2500 & 3000 SERIES SHROUDED HEADER				
TOTAL NO. OF PINS	NO. OF TAILS KINKED	POSITIONS KINKED		
10	4	3	4	7 8
14	4	3	4	11 12
16	4	3	4	13 14
20	4	3	4	17 18
24	4	3	4	21 22
26	4	3	4	23 24
30	4	5	6	25 26
34	4	7	8	27 28
36	4	7	8	27 28
40	4	7	8	33 34
50	4	7	8	43 44
60	4	11	12	49 50
64	4	11	12	53 54

KINKED TAIL DETAIL:
- KINK IS LOCATED .05" BELOW BOTTOM SURFACE OF PLASTIC.
- EXTERNAL RADIUS OF KINK TOWARD PART CENTERLINE.

POLARIZING KEYS



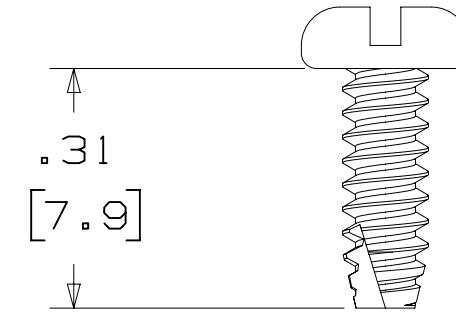
NOTE: #2216 B/A SCOTCHWELD CAN BE USED TO ADHERE KEYS.

T	62689	JUL 10, 2015	ADD 5X5 OPTION AND REVISE NOTES	JNC	SN
S	60056	MAR 06, 2015	REVISE ORDERING NUMBER	JNC	RS
R	56068	JUL 25, 2014	REVISED AND REDRAWN	JNC	RS
REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD	
CASTIGLIONE		JUL 25, 2014	MFG	DATE	
CHKD		DATE	APPR.	DATE	
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HEADER, 4-WALL, .100 X .100 LATCH/EJECTOR, STRAIGHT & RA					
CAGE NUMBER	SIZE	DRAWING NO.	REV.		
D	78-5100-0772-3	T		DET. LISTS	YES X NO SHT 3 OF 4

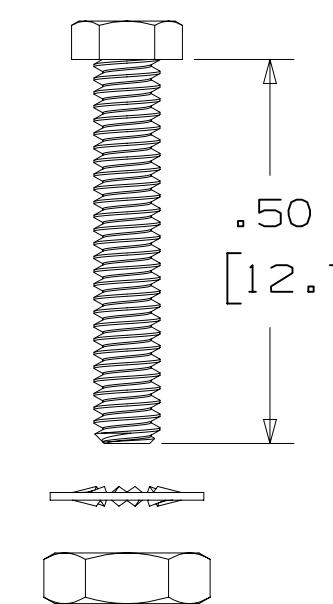
3M™ FOUR-WALL HEADER, 3000 SERIES

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

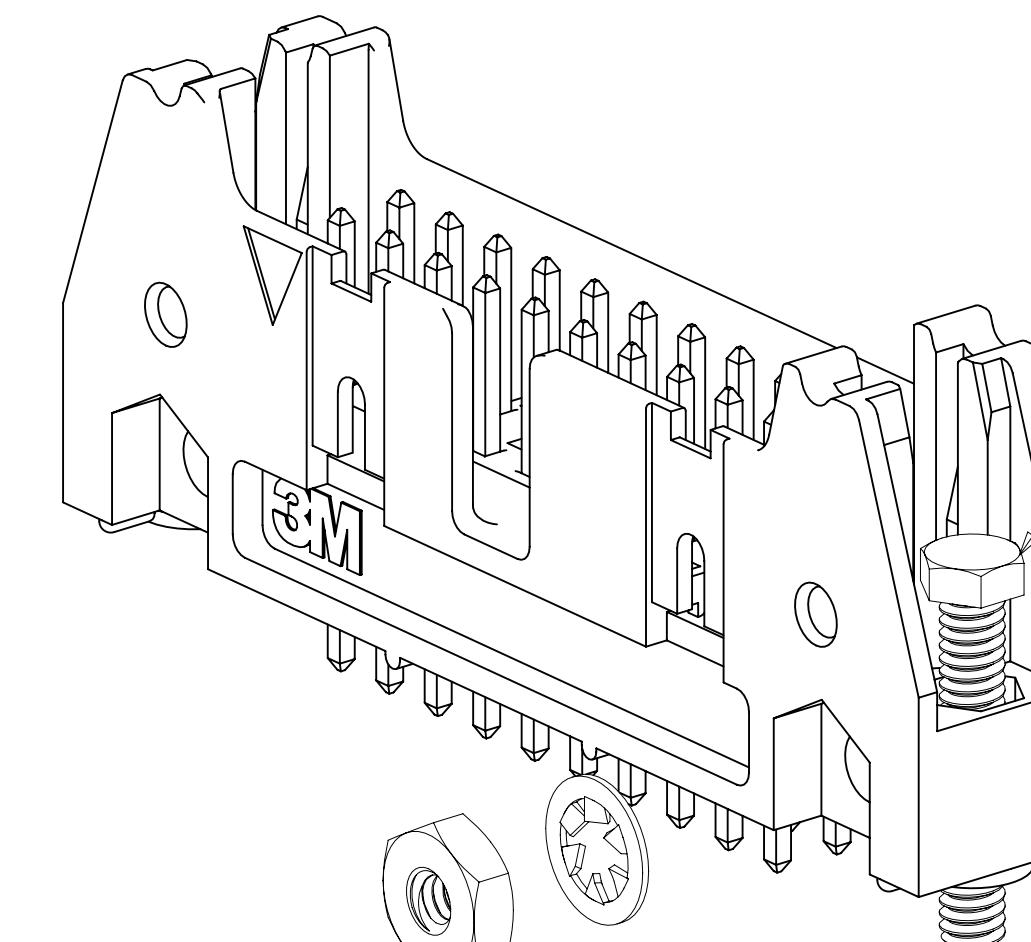
MOUNTING HARDWARE



3341-5
(INSTALL FROM BOTTOM OF BOARD)
PANHEAD THREAD CUTTING SCREW:
#4-24 X 5/16"
TYPE: USA STD BT, FEDERAL BG
MATERIAL: STAINLESS STEEL



3341-6
HEX HEAD BOLT, NUT AND WASHER:
BOLT - #2-56 X 1/2"
MATERIAL: STAINLESS STEEL

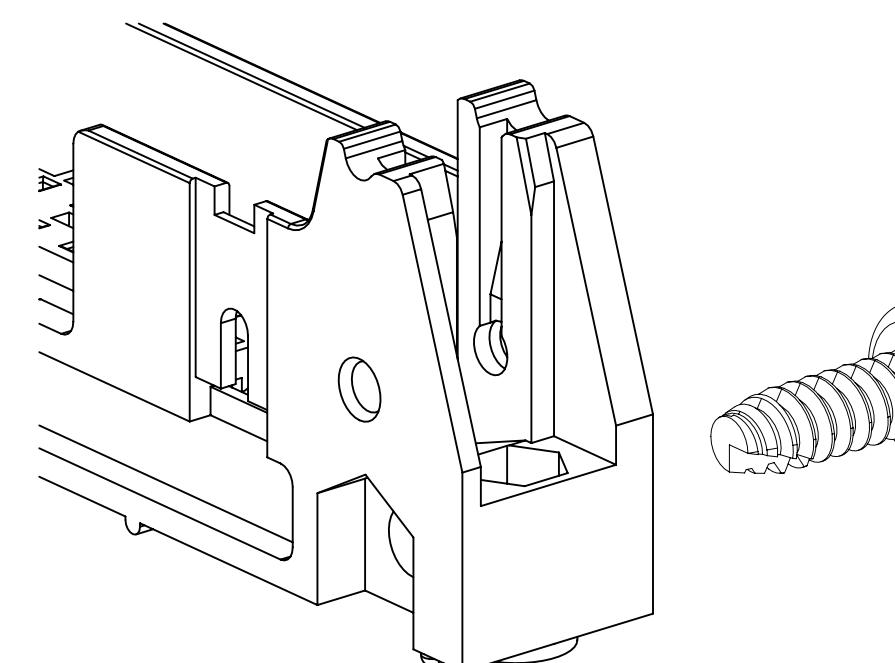


STRAIGHT VERSION INSTALL
(MUST BE INSERTED PRIOR TO
LATCH INSTALL)

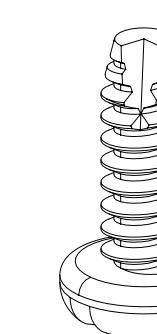
RIGHT ANGLE VERSION INSTALL

3341-6

#2-56 NUT AND BOLT
TORQUE FOR EACH BOLT: 1.25 - 3.125 INCH LBS.



#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.



3341-5

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			R. SCHERER	SEP 05, 2014	
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HEADER, 4-WALL, .100 .100 LATCH/EJECTOR, STRAIGHT & RA					
CAGE	SIZE	DRAWING NO.	REV.		
D	78-5100-0772-3	T			
MODEL	3000 SERIES	DET. LISTS	YES	NO	SHT 4 OF 4

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[N3431-6602RB](#) [N3433-6503RB](#) [N3440-6503RB](#) [N3428-5503RB](#) [N3429-5503RB](#) [N3433-5503RB](#) [N3372-6603RB](#)
[N3764-6603RB](#) [N3431-5603RB](#) [N3314-5602RB](#) [N3627-5502RB](#) [N3372-5602RB](#) [N3429-6503RB](#) [N3431-5602RB](#)
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