

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

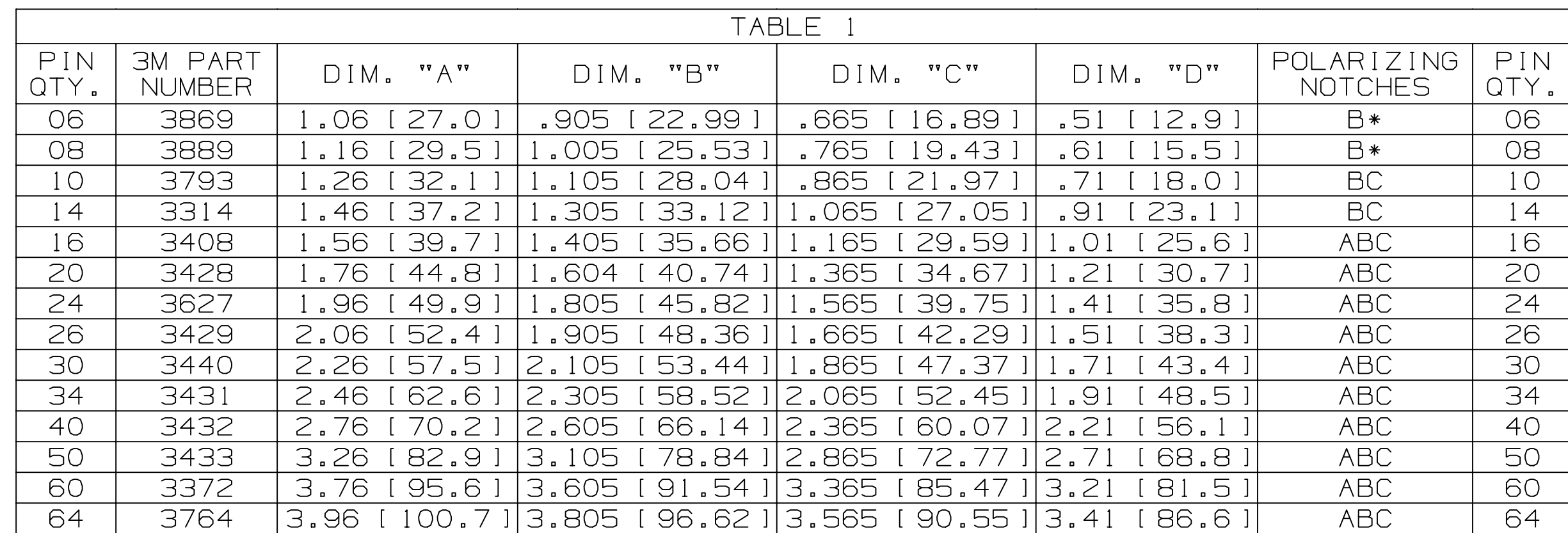
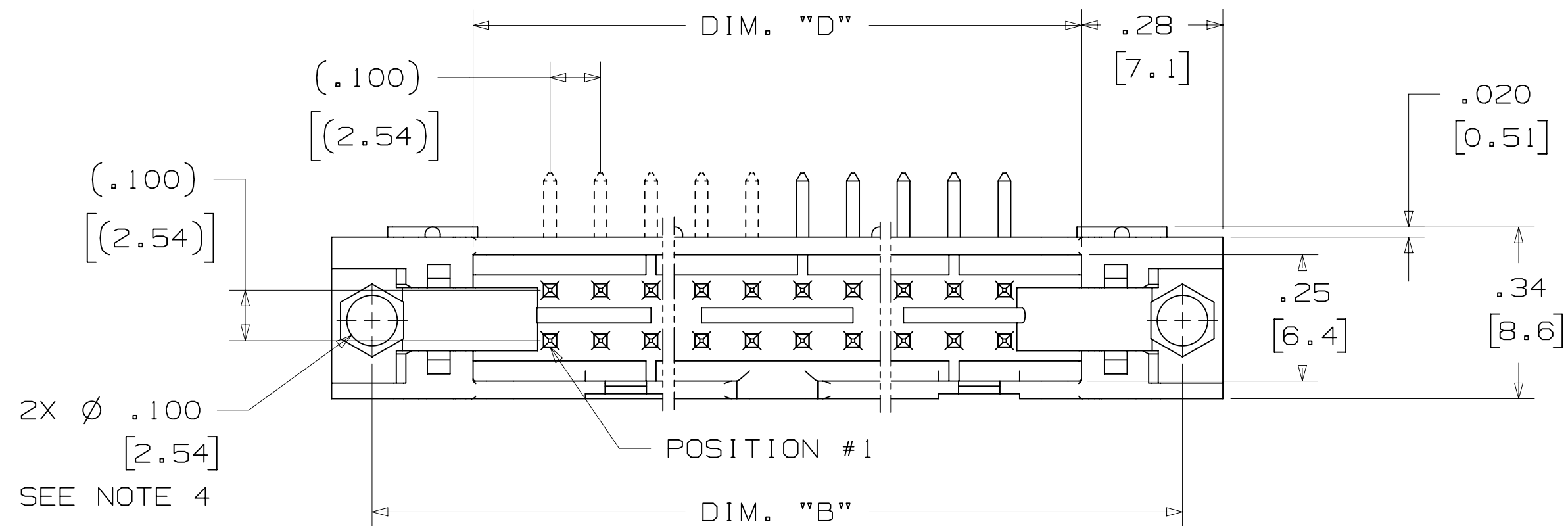


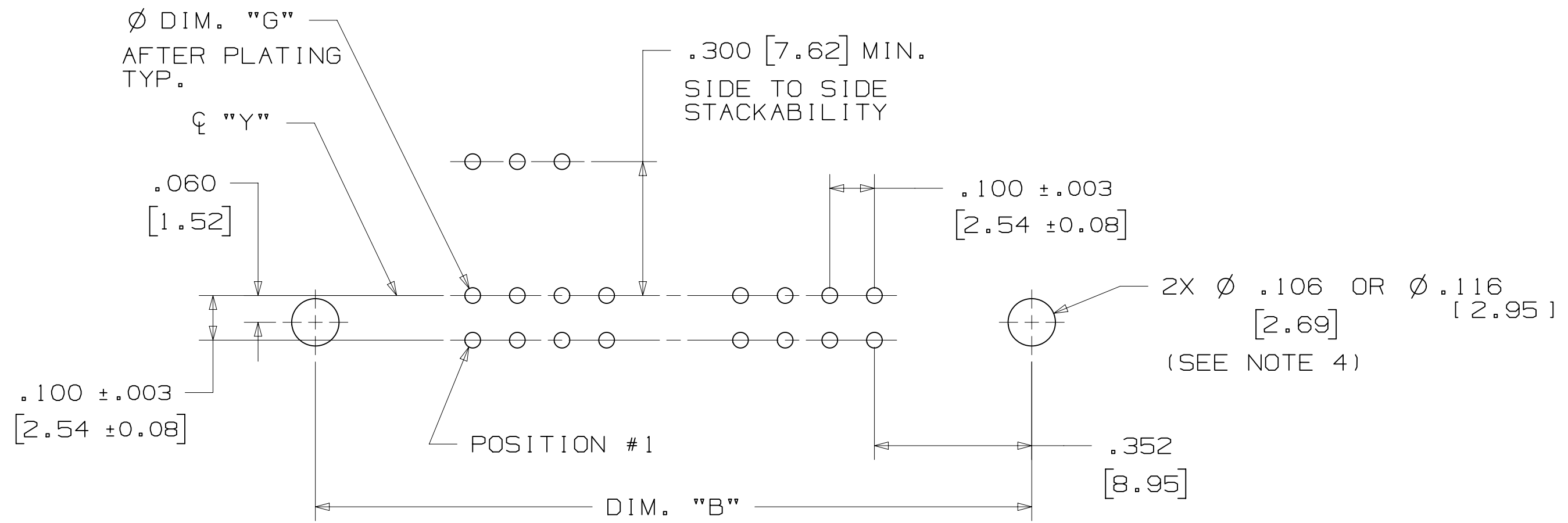


TABLE 2						
3M PART NUMBER SUFFIX	CONTACT TAIL	DIM. "E"	PIN CROSS SECTION			DIM. "G"
			DIM. "F"	DIAGONALS	CORNER RADIUS	
-5XX2	.062 [1.57] THICK PC BOARD	.112 [2.84]	.0245+/- .0005 [.622]	.028+/- .001 [.71]	.0075 [.191] REF.	.035+/- .003 [.89] SEE NOTE 5
-6XX2						
-5X03	.094 [2.39] TO .125 [3.18] 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]

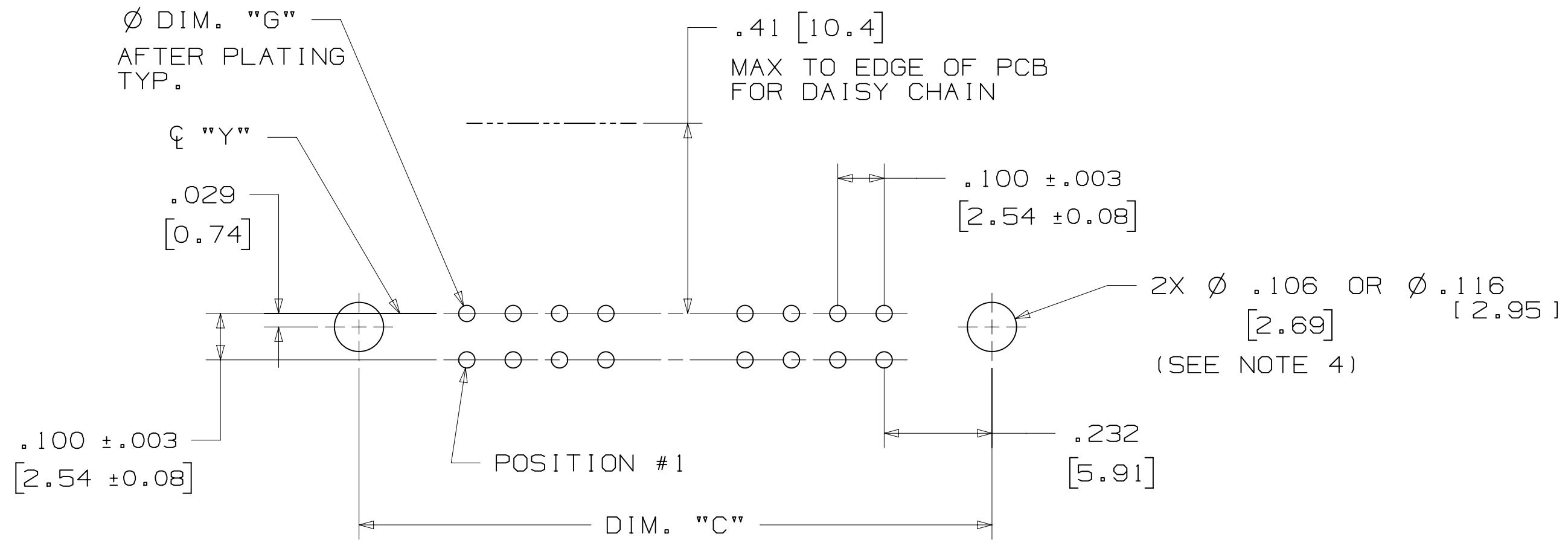
DESIGN REFERENCE		NEXT ASSEMBLY		REV.	ECO	ISSUE DATE AND DESCRIPTION		DRFT	CHKD
ACROSS CODES				BPM	CASTIGLIONE	DATE	MFG	DATE	
				CHKD		DATE	APPRV.	DATE	
							R. SCHERER	SEP 05, 2014	
DIVISION		DIVISION CODE		© 3M COPYRIGHT 2016					
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DO NOT SCALE DRAWING		SCALE 4 1		TOLERANCES EXCEPT AS NOTED					
		INCHES				TITLE HEADER, 4-WALL, .100 X .100 LATCH/EJECTOR, STRAIGHT & RA			
		THIRD ANGLE PROJECTION		MILLIMETERS		CAGE NUMBER D 78-500-0772-3			
INTERPRET PER ASME Y14.5 - 2009		.0 .00 ± .01 .000 ± .005 .0000 ±		.0 .00 ± .13 .000 ±		SIZE DRAWING NO. 3000 SERIES			
MAX SURFACE ROUGHNESS <input checked="" type="checkbox"/> MAX SURFACES <input type="checkbox"/> MARKED ONLY		.0 .00 ± .13 .000 ±		.0 .00 ± .13 .000 ±		DET. STS YES YES NO SHT 2 OF 4			
		.0 .00 ± .13 .000 ±		.0 .00 ± .13 .000 ±		MODEL 3000 SERIES			

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

PART CUSTOMIZATION

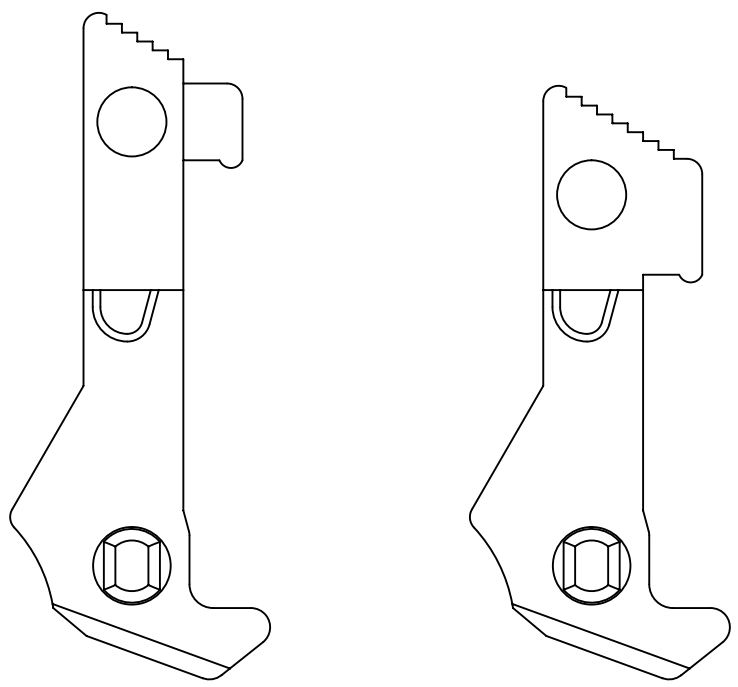
THIS SPEC SHEET DETAILS OUR STANDARD OFFERING.

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.

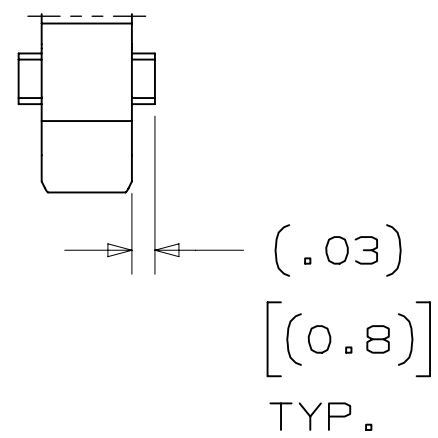
BOTH SNAP-IN AND ROLL PIN LATCHES MAY BE ORDERED SEPARATELY. SNAP-IN AND ROLL PIN STYLE LATCHES ARE DIMENSIONALLY AND FUNCTIONALLY EQUIVALENT. IF ORDERING SNAP-IN OR ROLL PIN STYLE LATCHES SEPARATELY, PLEASE USE THE BELOW CHART.

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
```



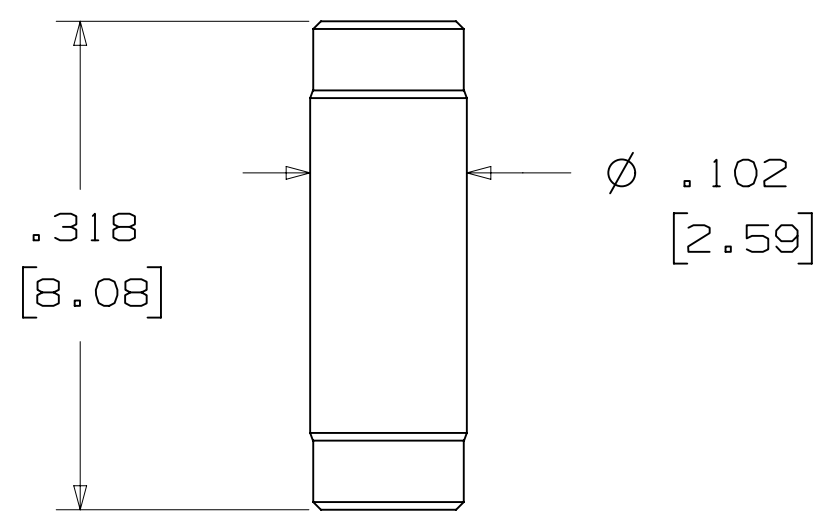
LONG      SHORT



## 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 ]

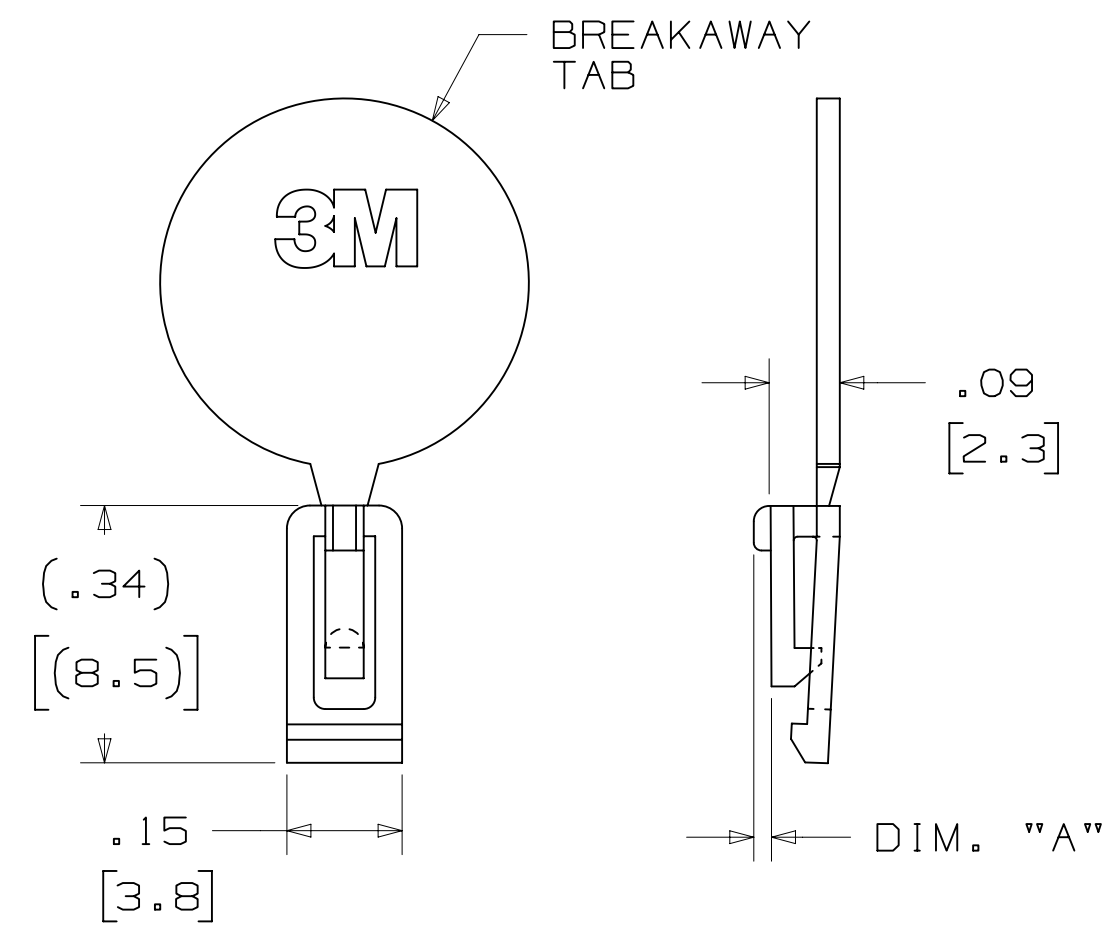
## K2 OPTION

| 2500 & 3000 SERIES SHROUDED HEADER |                           |                  |    |    |    |
|------------------------------------|---------------------------|------------------|----|----|----|
| TOTAL NO.<br>OF PINS               | NO. OF<br>TAILS<br>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.


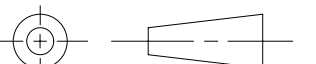
## POLARIZING KEYS



|             |          |       |          |
|-------------|----------|-------|----------|
| 3M PART NO. | MATERIAL | COLOR | DIM. "A" |
| N3518       | LCP      | BLACK | .02      |

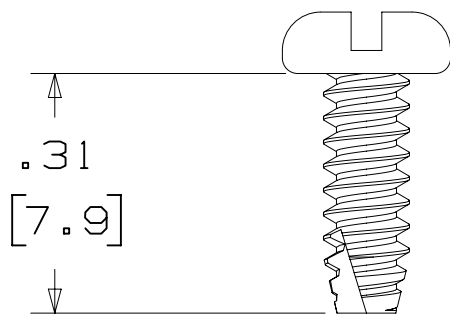
NOTE:  
#2216 B/A SCOTCHWELD CAN BE USED TO  
ADHERE KEYS.

|                       |                      |                                                     |                      |      |
|-----------------------|----------------------|-----------------------------------------------------|----------------------|------|
| T                     | 62689                | JUL 10, 2015<br>ADD 5X05 OPTION AND<br>REVISE NOTES | JNC                  | SN   |
| S                     | 60056                | MAR 06, 2015<br>REVISE ORDERING<br>NUMBER           | JNC                  | RS   |
| R                     | 56068                | JUL 25, 2014<br>REVISED AND REDRAWN                 | JNC                  | RS   |
| REV                   | ECO                  | ISSUE DATE AND DESCRIPTION                          | DRFT                 | CHKD |
| DRFT<br>CAST IGL IONE | DATE<br>JUL 25, 2014 | MFG                                                 | DATE                 |      |
| CHKD                  | DATE                 | SIGN<br>R. SCHERER                                  | DATE<br>SEP 05, 2014 |      |

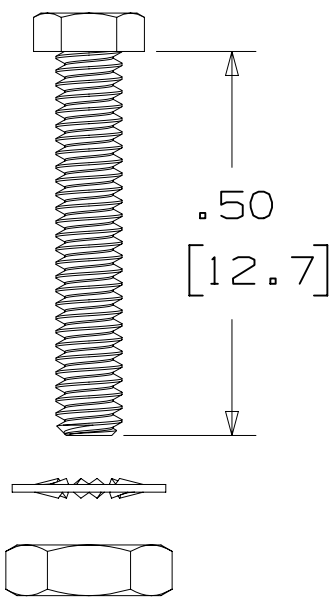
|                                                                                                                   |  |                                 |  |                                             |  |                                                                                       |  |                                                                                                                                                                                                                        |  |                     |  |           |  |
|-------------------------------------------------------------------------------------------------------------------|--|---------------------------------|--|---------------------------------------------|--|---------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------|--|-----------|--|
| DESIGN REFERENCE                                                                                                  |  | NEXT ASSEMBLY                   |  | REV                                         |  | ECO                                                                                   |  | ISSUE DATE AND DESCRIPTION                                                                                                                                                                                             |  | DRFT                |  | CHKD      |  |
| ACCESS CODES                                                                                                      |  |                                 |  | DRFT CASTIGLIONE                            |  | DATE JUL 25, 2014                                                                     |  | MFG                                                                                                                                                                                                                    |  | DATE                |  |           |  |
|                                                                                                                   |  |                                 |  | CHKD                                        |  | DATE                                                                                  |  | APPRV. R. SCHERER                                                                                                                                                                                                      |  | DATE SEP 05, 2014   |  |           |  |
| DIVISION                                                                                                          |  |                                 |  | DIVISION CODE                               |  |                                                                                       |  | © 3M COPYRIGHT 2016                                                                                                                                                                                                    |  |                     |  |           |  |
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|                              |  |                                 |  | INCHES                                      |  |                                                                                       |  | TITLE<br>HEADER, 4-WALL, .100<br>X .100 LATCH/EJECTOR,<br>STRAIGHT & RA                                                                                                                                                |  |                     |  |           |  |
|                                                                                                                   |  |                                 |  | MILLIMETERS                                 |  |                                                                                       |  |                                                                                                                                                                                                                        |  |                     |  |           |  |
| THIRD ANGLE PROJECTION                                                                                            |  | INTERPRET PER ASME Y14.5 - 2009 |  | .0 ±<br>.00 ± .01<br>.000 ± .005<br>.0000 ± |  | .0 ±<br>.01 ± .3<br>.000 ± .13<br>.000 ±                                              |  | CASE NUMBER<br><b>D</b> 78-5100-0772-3                                                                                                                                                                                 |  | SIZE<br>DRAWING NO. |  | REV.<br>T |  |
| <del>MAX SURFACE ROUGHNESS</del><br><del>ON ALL SURFACES</del><br><input checked="" type="checkbox"/> MARKED ONLY |  |                                 |  | <del>ANGLES</del>                           |  | MODEL<br>3000 SERIES                                                                  |  | DET. LISTS <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO SHT 3 OF 4                                                                                                                              |  |                     |  |           |  |

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

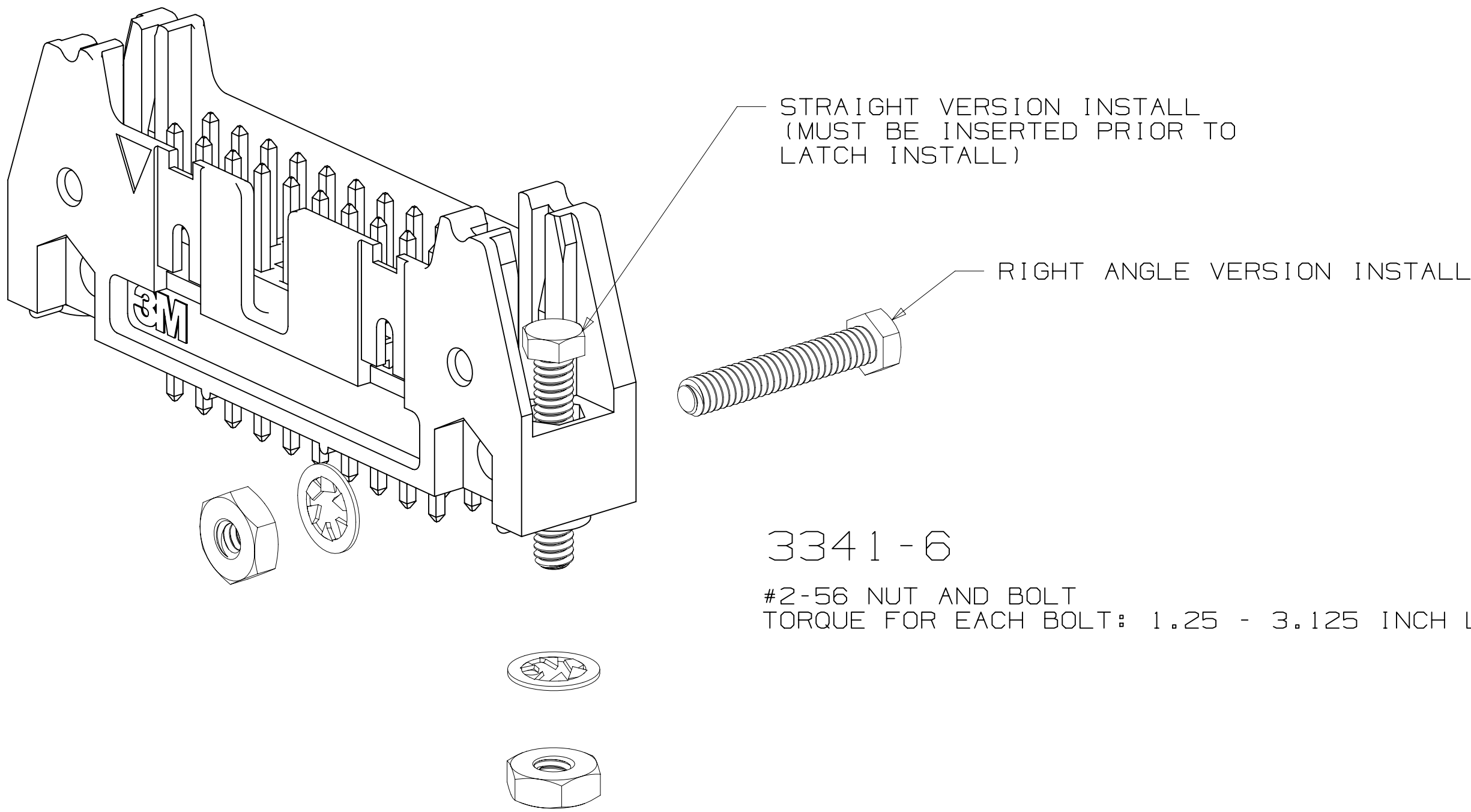
MOUNTING HARDWARE



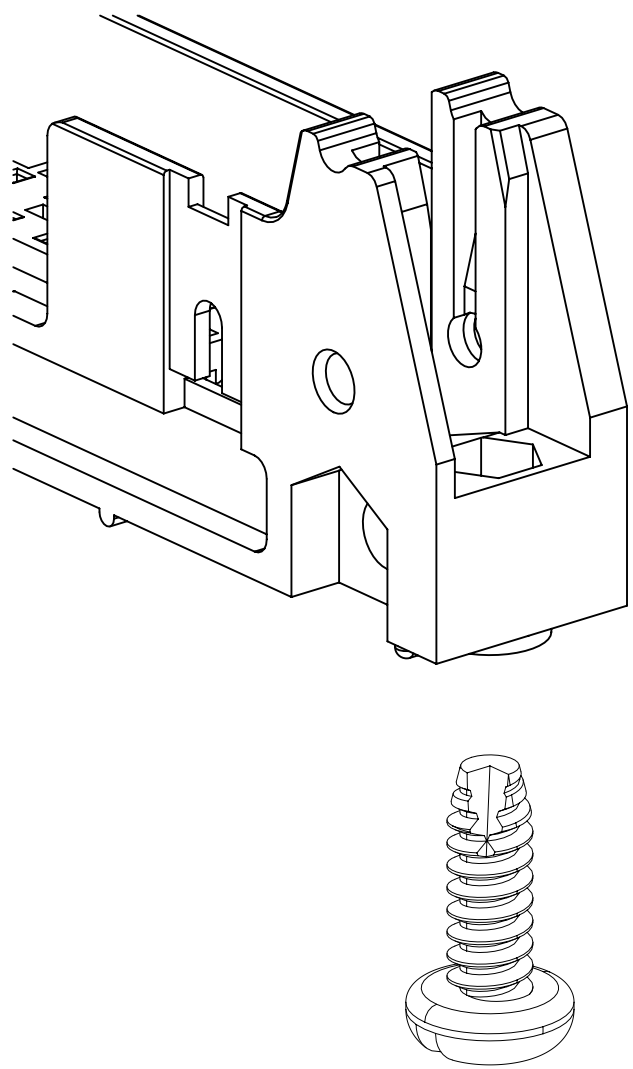
3341-5  
(INSTALL FROM BOTTOM OF BOARD)  
PANHEAD THREAD CUTTING SCREW:  
#4-24 X 5/16"  
TYPE: USA STD BT, FEDERAL BG  
MATERIAL: STAINLESS STEEL



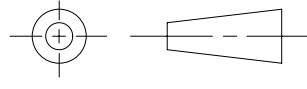
3341-6  
HEX HEAD BOLT, NUT AND WASHER:  
BOLT - #2-56 X 1/2"  
MATERIAL: STAINLESS STEEL



3341-6  
#2-56 NUT AND BOLT  
TORQUE FOR EACH BOLT: 1.25 - 3.125 INCH LBS.



3341-5

|                                                                                       |  |               |  |                                         |  |                                                                                                                                                                                                                                                        |  |             |      |
|---------------------------------------------------------------------------------------|--|---------------|--|-----------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------|------|
| T 62689                                                                               |  |               |  | JUL 10,2015                             |  |                                                                                                                                                                                                                                                        |  | JNC         | SN   |
|                                                                                       |  |               |  | ADD 5X05 OPTION AND REVISE NOTES        |  |                                                                                                                                                                                                                                                        |  |             |      |
| S 60056                                                                               |  |               |  | MAR 06,2015                             |  |                                                                                                                                                                                                                                                        |  | JNC         | RS   |
|                                                                                       |  |               |  | REVISE ORDERING NUMBER                  |  |                                                                                                                                                                                                                                                        |  |             |      |
| R 56068                                                                               |  |               |  | JUL 25,2014                             |  |                                                                                                                                                                                                                                                        |  | JNC         | RS   |
|                                                                                       |  |               |  | REVISED AND REDRAWN                     |  |                                                                                                                                                                                                                                                        |  |             |      |
| DESIGN REFERENCE                                                                      |  |               |  | NEXT ASSEMBLY                           |  |                                                                                                                                                                                                                                                        |  | REV         | ECO  |
| REV                                                                                   |  |               |  | ISSUE DATE AND DESCRIPTION              |  |                                                                                                                                                                                                                                                        |  | DRFT        | CHKD |
| ACROSS CODES                                                                          |  |               |  | DATE                                    |  | DATE                                                                                                                                                                                                                                                   |  | DATE        |      |
|                                                                                       |  |               |  | JUL 25,2014                             |  | MFG                                                                                                                                                                                                                                                    |  |             |      |
| DIVISION                                                                              |  | DIVISION CODE |  | DATE                                    |  | DATE                                                                                                                                                                                                                                                   |  | DATE        |      |
|                                                                                       |  |               |  | DWD                                     |  | R. SCHERER                                                                                                                                                                                                                                             |  | SEP 05,2014 |      |
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|  |  |               |  | INCHES .0000 ± .01 .0000 ± .005 .0000 ± |  | TITLE                                                                                                                                                                                                                                                  |  |             |      |
| THIRD ANGLE PROJECTION                                                                |  |               |  | MILLIMETERS 0 ± .0000 ± .0000 ± .0000 ± |  | HEADER, 4-WALL, .100 X .100 LATCH/EJECTOR, STRAIGHT & RA                                                                                                                                                                                               |  |             |      |
| INTERPRET PER ASME Y14.5 - 2009                                                       |  |               |  | CAGE NUMBER                             |  | SIZE                                                                                                                                                                                                                                                   |  | DRAWING NO. |      |
| MAX SURFACE ROUGHNESS                                                                 |  |               |  | D 078-5100-0772-3                       |  | REV.                                                                                                                                                                                                                                                   |  | T           |      |
| MIN SURFACES                                                                          |  |               |  | MODEL                                   |  | DET. LISTS                                                                                                                                                                                                                                             |  | YES X NO    |      |
| MARKED ONLY                                                                           |  |               |  | 3000 SERIES                             |  | SHT 4 OF                                                                                                                                                                                                                                               |  | 4           |      |