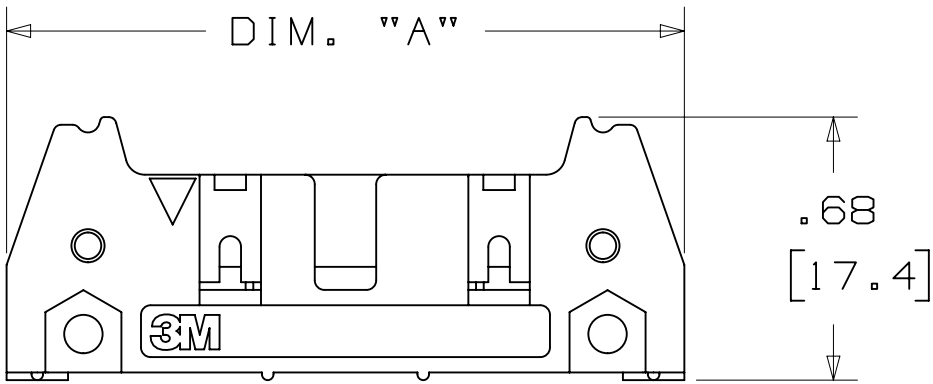
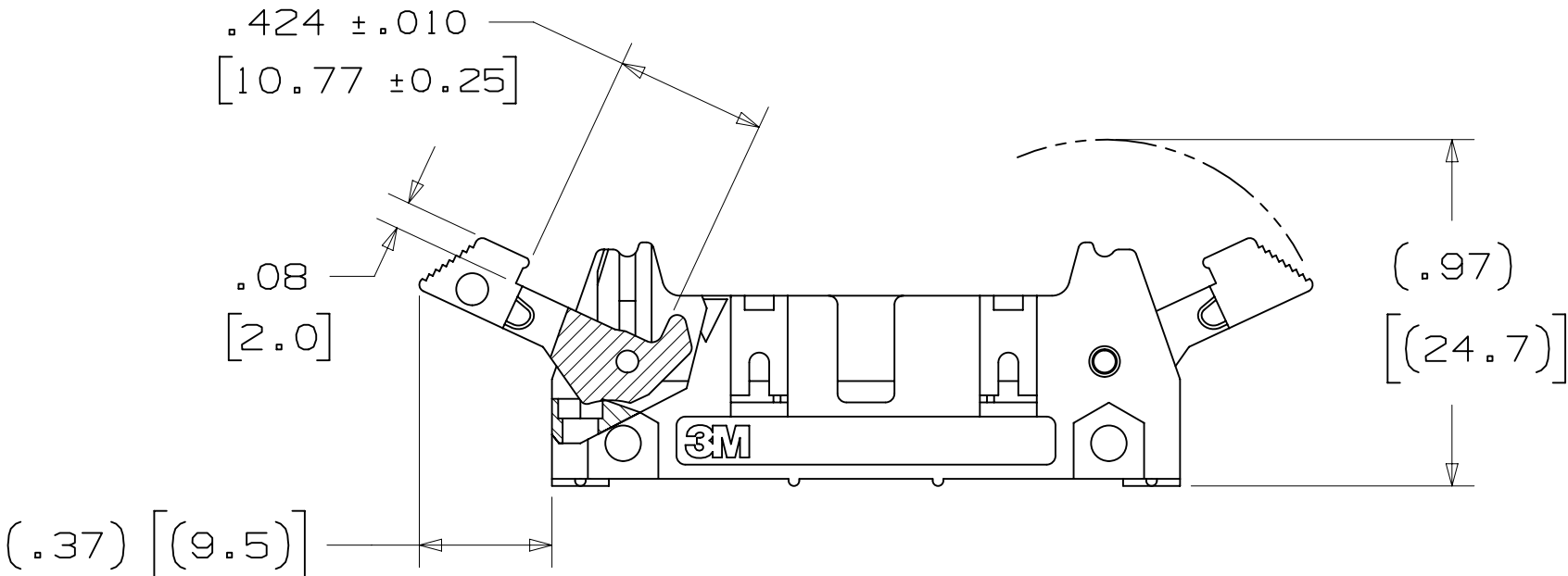


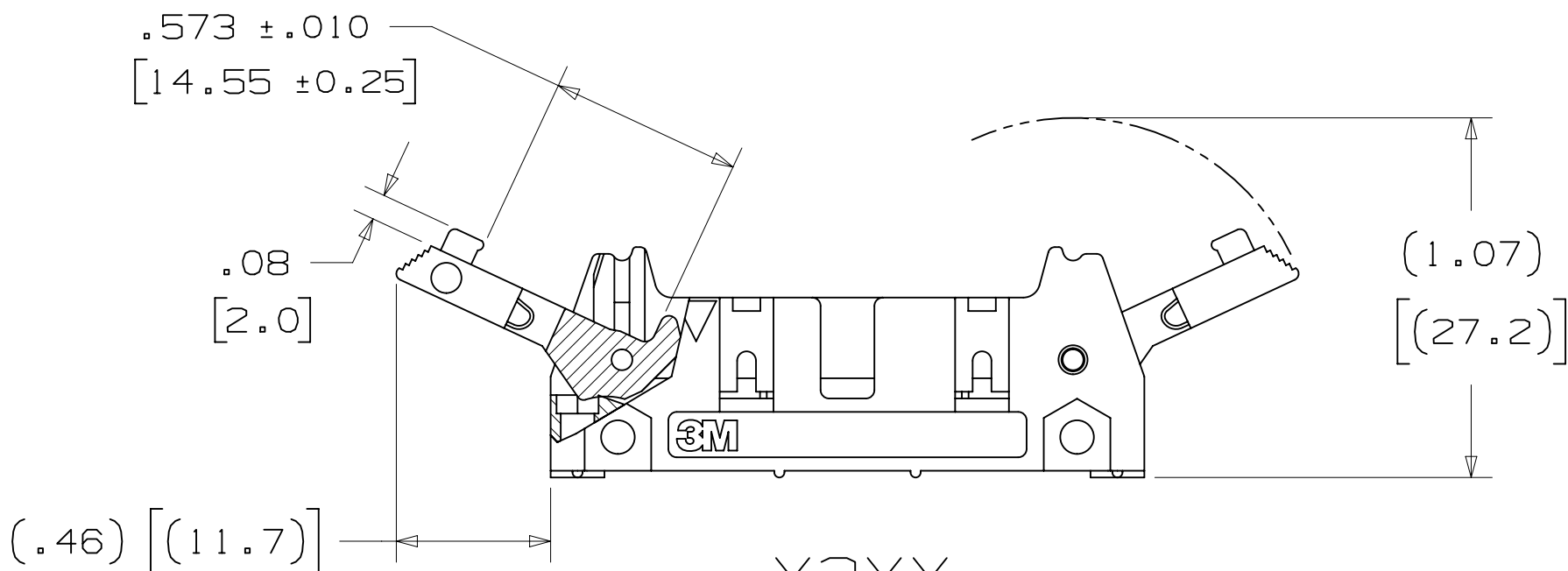
3M™ FOUR-WALL HEADER, 3000 SERIES  
.100" X .100" LATCH/EJECTOR, STRAIGHT AND RIGHT ANGLE



-X0XX  
HEADER WITHOUT LATCH EJECTOR



-X2XX  
HEADER WITH SHORT LATCH EJECTOR  
FOR 3M SOCKETS WITHOUT STRAIN RELIEF



-X3XX  
HEADER WITH LONG LATCH EJECTOR  
FOR 3M SOCKETS WITH STRAIN RELIEF

2 PHYSICAL :

INSULATOR: GLASS FILLED POLYESTER (PCT)  
MATERIAL: UL94V-0  
FLAMMABILITY: COLOR: BLACK  
CONTACT: MATERIAL: COPPER ALLOY  
PLATING: UNDER PLATING: 100μ" [2.54μm] NICKEL-OVERALL  
WIPING AREA: 30μ" [0.76μm] AVG. GOLD  
SOLDER TAILS: TIN LEAD OR MATTE TIN (SEE ORDERING INFORMATION)  
MARKINGS: 3M LOGO, PART IDENTIFICATION NUMBER AND ORIENTATION TRIANGLE

2 ELECTRICAL :

CURRENT RATING: 5.00A, 1 CONTACT POWERED  
3.00A, 6 CONTACTS POWERED  
1.75A, ALL CONTACTS POWERED  
RATING CONDITIONS: EIA-364-070 METHOD 2, 30°C MAXIMUM  
TEMPERATURE RISE, 20% DERATED. REFERENCE APPROPRIATE  
3M PRODUCT SPECIFICATION FOR DETAILED CURRENT DERATING  
CURVES.

INSULATION RESISTANCE: >1 X 10<sup>9</sup>Ω AT 500 V<sub>DC</sub>  
WITHSTANDING VOLTAGE: 1,000V<sub>RMS</sub> 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)

ORDERING INFORMATION

N= HIGH TEMP BLACK (PCT)/(RB PLATING REQ'D)  
BLANK= (UB PLATING)  
3M PART NUMBER:  
(SEE TABLE 1)

PIN CONFIGURATION:  
5 = RIGHT ANGLE SOLDER TAILS  
6 = STRAIGHT SOLDER TAILS

PLATING:  
RB = 30μ" [0.76μm] GOLD AND 200μ" [5.08μm] MATTE TIN  
(APP. E1 & C1 APPLY)  
UB = 30μ" [0.76μm] GOLD AND 200μ" [5.08μm]  
TIN LEAD (APP. E3 & C2 APPLY)

TAIL:  
02 = FOR .062 [1.57] THICK BOARD  
03 = FOR .094 TO .125 [2.39 TO 3.18] THICK BOARD  
K2 = KINKED FOR .062 [1.57] THICK BOARD

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

3M ELECTRONIC MATERIALS SOLUTIONS DIVISION  
INTERCONNECT SOLUTIONS  
<http://www.3mconnectors.com>

3M IS A TRADEMARK OF 3M COMPANY.  
FOR TECHNICAL, SALES OR ORDERING  
INFORMATION CALL 800-225-5373

- \* MILITARY (WITH 3M'S N3518 POLARIZING KEY) AND CENTERBUMP POLARIZATION.
- \* OPTIONAL EJECTOR LATCHES.
- \* MOUNTING HOLES FOR SECURING HEADER TO BOARD.
- \* OPTIONAL POLARIZING POSTS AVAILABLE.
- \* HIGH TEMPERATURE INSULATOR SUITABLE FOR "NO LEAD" SOLDERING OPERATIONS.
- \* SUITABLE FOR REFLOW SOLDERING USING "PASTE IN HOLE" TECHNIQUES.
- \* SOLDER TAIL OPTION.

- NOTES
1. REGULATORY INFORMATION: ROHS COMPLIANT. SEE THE REGULATORY INFORMATION APPENDIX (RIA) IN THE "ROHS COMPLIANCE" SECTION OF [WWW.3MCONNECTORS.COM](http://WWW.3MCONNECTORS.COM) FOR COMPLIANCE INFORMATION.
  2. IN THE EVENT OF CONFLICT BETWEEN THIS DATA AND THAT CONTAINED IN THE PRODUCT SPECIFICATION, THE PRODUCT SPECIFICATION TAKES PRECEDENT.
  3. NOTCHES A & C WILL ACCOMODATE 3M POLARIZING KEY: N3518.
  4. MOUNTING HARDWARE: FROM SOLDER SIDE OF PC BOARD USE #4-24 THREAD CUTTING SCREW (3M PART #3341-5) WITH Ø.116 [2.95] MOUNTING HOLE. FOR RIGHT ANGLE VERSION ONLY: #2-56 BOLT AND NUT (3M PART #3341-6) WITH Ø.106 [2.69] MOUNTING HOLE MAY BE USED.
  5. THE RECOMMENDED PCB HOLE SIZE FOR THE KINKED TAIL POSITIONS ON THE .112 SOLDER TAIL CONNECTOR IS Ø.035±.002. (SEE K2 VERSION).

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

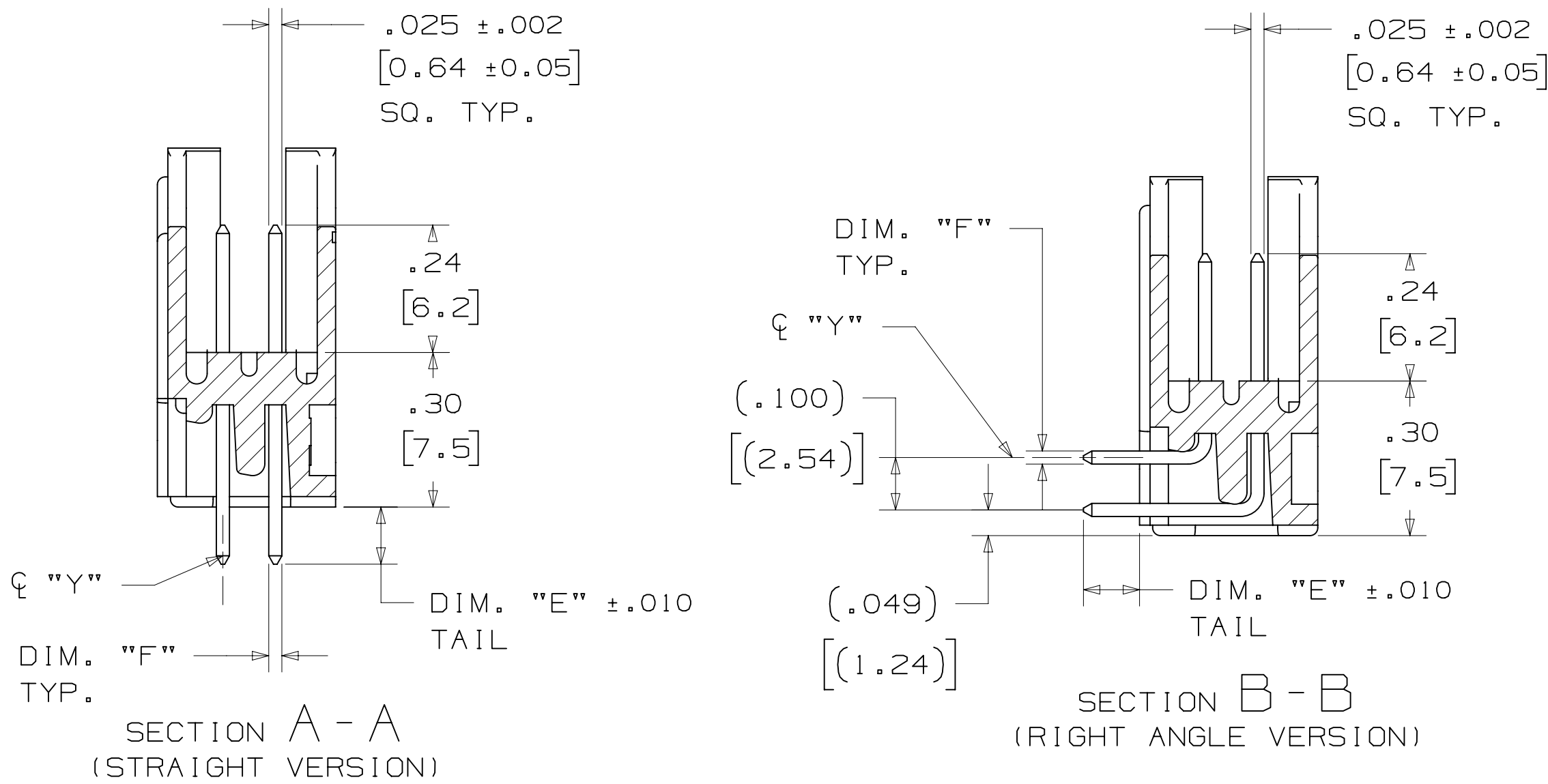
| DESIGN REFERENCE       | NEXT ASSEMBLY                                     |
|------------------------|---------------------------------------------------|
| DO NOT SCALE DRAWING   | SCALE 2/1                                         |
| THIRD ANGLE PROJECTION | INTERPRET PER ASME Y14.5 - 2009                   |
| MAX SURFACE ROUGHNESS  | ENTRANCE SURFACES .000 ±<br>OTHER SURFACES .000 ± |
| MARKED ONLY            | ANGLES                                            |

|                        |                                                          |                                                      |       |          |
|------------------------|----------------------------------------------------------|------------------------------------------------------|-------|----------|
| S                      | 60056                                                    | MAR 06,2015                                          | JNC   | RS       |
| R                      | 56068                                                    | JUL 25,2014                                          | JNC   | RS       |
| REV                    | ECO                                                      | ISSUE DATE AND DESCRIPTION                           | DRFT  | CHKD     |
| CHKD                   | CASTIGLIONE                                              | DATE JUL 25,2014                                     | DATE  | DATE     |
| APPR                   | R. SCHERER                                               | DATE SEP 05,2014                                     | DATE  | DATE     |
| DIVISION               | Interconnect Solutions                                   | DIVISION CODE                                        | EMSD  |          |
| DO NOT SCALE DRAWING   | SCALE 2/1                                                | TOLERANCES EXCEPT AS NOTED                           |       |          |
| THIRD ANGLE PROJECTION | INTERPRET PER ASME Y14.5 - 2009                          | MILLIMETERS 0 ±<br>.00 ±.01<br>.000 ±.005<br>.0000 ± |       |          |
| MAX SURFACE ROUGHNESS  | ENTRANCE SURFACES .000 ±<br>OTHER SURFACES .000 ±        | ANGLES                                               |       |          |
| MARKED ONLY            |                                                          |                                                      |       |          |
| TITLE                  | HEADER, 4-WALL, .100 X .100 LATCH/EJECTOR, STRAIGHT & RA |                                                      |       |          |
| CAGE NUMBER            | SIZE 78-5100-0772-3                                      | DRAWING NO.                                          | REV.  |          |
| MODEL                  | 3000 SERIES                                              | DET                                                  | LISTS | YES X NO |
| SHT                    | 1                                                        | OF                                                   | 4     |          |

UL FILE NO: E68080



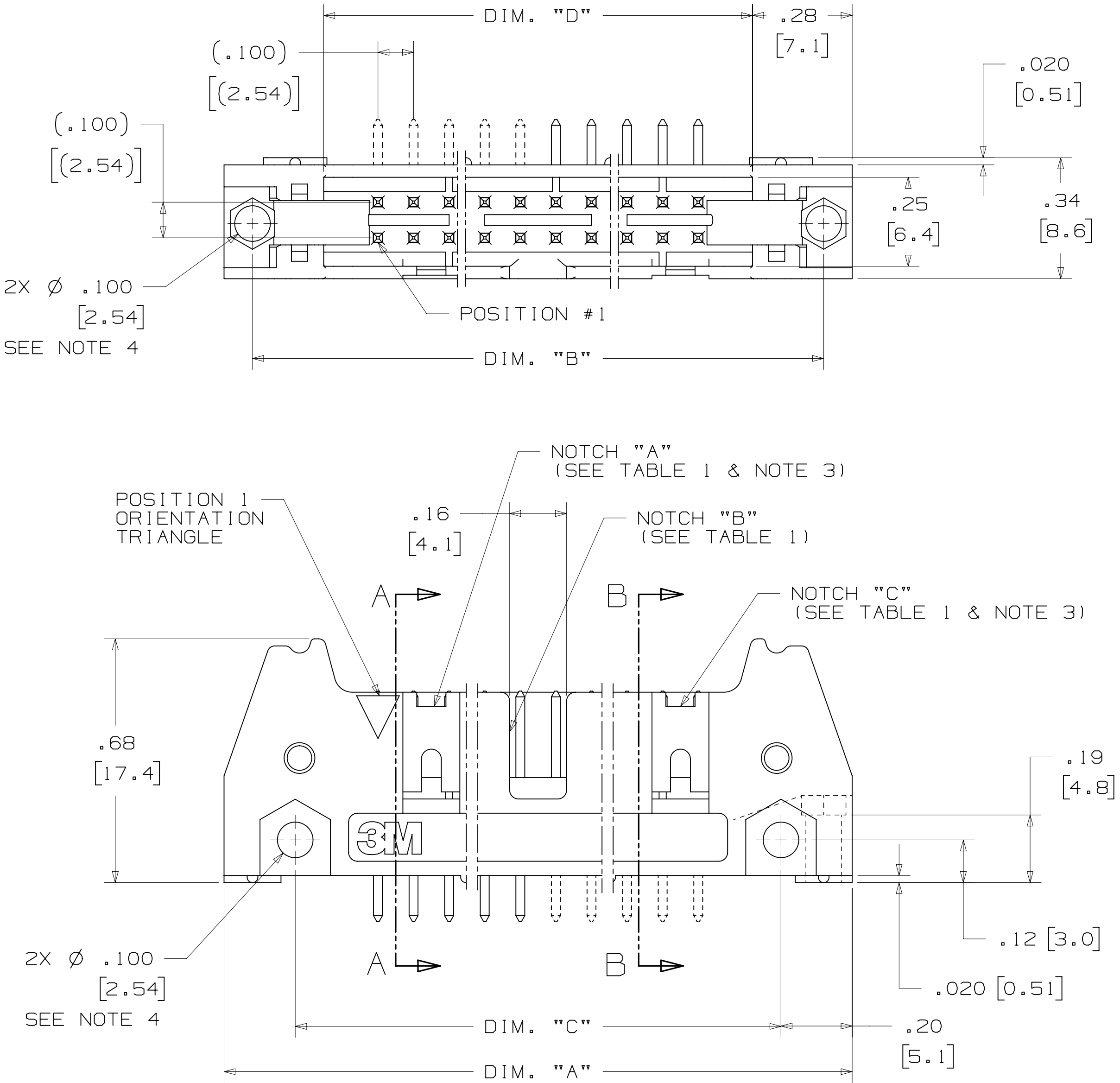
3M™ FOUR-WALL HEADER, 3000 SERIES  
.100" X .100" LATCH/EJECTOR, STRAIGHT AND RIGHT ANGLE



| TABLE 1  |                |                |                 |                 |               |                    |          |
|----------|----------------|----------------|-----------------|-----------------|---------------|--------------------|----------|
| PIN QTY. | 3M PART NUMBER | DIM. "A"       | DIM. "B"        | DIM. "C"        | DIM. "D"      | POLARIZING NOTCHES | PIN QTY. |
| 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

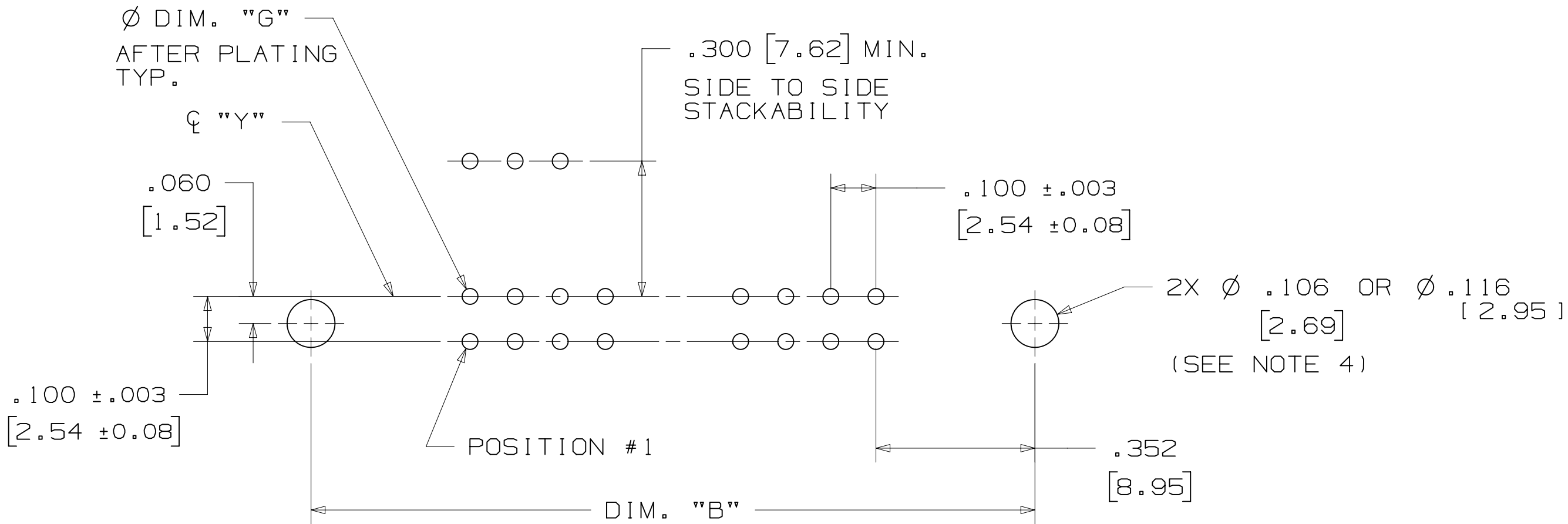
| TABLE 2               |                                                  |               |                                     |                                   |                                      |                                    |
|-----------------------|--------------------------------------------------|---------------|-------------------------------------|-----------------------------------|--------------------------------------|------------------------------------|
| 3M PART NUMBER SUFFIX | CONTACT TAIL                                     | DIM. "E"      | PIN CROSS SECTION                   |                                   |                                      | DIM. "G"                           |
| -5XX2                 | .062 [ 1.57 ] THICK PC BOARD                     | .112 [ 2.84 ] | DIM. "F"<br>.0245+/- .0005 [ .622 ] | DIAGONALS<br>.028+/- .001 [ .71 ] | CORNER RADIUS<br>.0075 REF. [ .191 ] | .035+/- .003 [ .89 ]<br>SEE NOTE 5 |
| -6XX2                 |                                                  |               |                                     |                                   |                                      |                                    |
| -5X03                 | .094 [ 2.39 ] TO<br>.125 [ 3.18 ] THICK PC BOARD | .155 [ 3.94 ] | .0245+/- .0005 [ .622 ]             | .028+/- .001 [ .71 ]              | .0075 REF. [ .191 ]                  | .035+/- .003 [ .89 ]               |
| -6X03                 |                                                  |               |                                     |                                   |                                      |                                    |



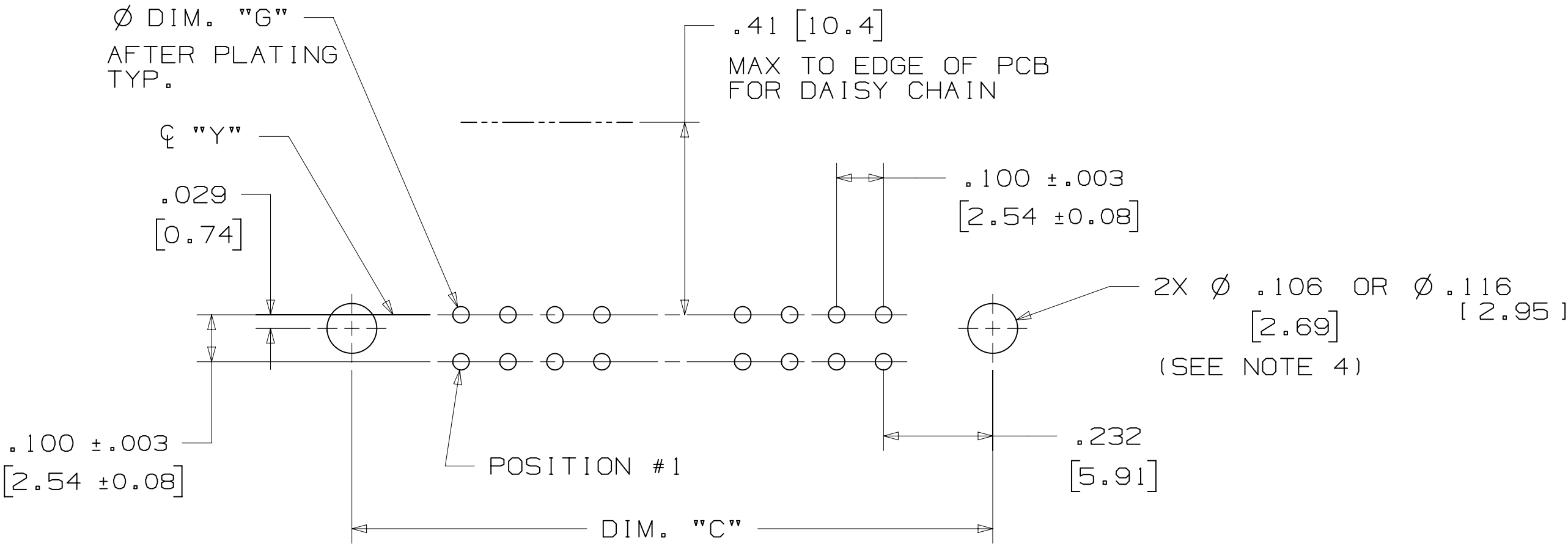
|                        |                        |                            |             |                                                          |            |              |
|------------------------|------------------------|----------------------------|-------------|----------------------------------------------------------|------------|--------------|
| DESIGN REFERENCE       | NEXT ASSEMBLY          | REV                        | ECO         | ISSUE DATE AND DESCRIPTION                               | DRFT       | CHKD         |
| 3M CODES               |                        | DR                         | CASTIGLIONE | DATE JUL 25, 2014                                        | MFG        | DATE         |
|                        |                        | CHKD                       |             | DATE                                                     | APPR       | DATE         |
|                        |                        |                            |             |                                                          | R. SCHERER | SEP 05, 2014 |
| DIVISION               | Interconnect Solutions | DIVISION CODE              | EMSD        | © 3M COPYRIGHT 2015                                      |            |              |
| DO NOT SCALE DRAWING   | SCALE 4/1              | TOLERANCES EXCEPT AS NOTED |             | 3M Center St. Paul, MN 55144                             |            |              |
| THIRD ANGLE PROJECTION |                        | INCHES                     |             | TITLE                                                    |            |              |
|                        |                        | .00 ± .01                  |             | HEADER, 4-WALL, .100 X .100 LATCH/EJECTOR, STRAIGHT & RA |            |              |
|                        |                        | .000 ± .005                |             | CAGE NUMBER                                              |            |              |
|                        |                        | .0000 ±                    |             | D 78-5100-0772-3                                         |            |              |
|                        |                        |                            |             | MODEL                                                    |            |              |
|                        |                        |                            |             | 3000 SERIES                                              |            |              |
|                        |                        |                            |             | REV.                                                     |            |              |
|                        |                        |                            |             | S                                                        |            |              |
|                        |                        |                            |             | SHT 2 OF 4                                               |            |              |



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

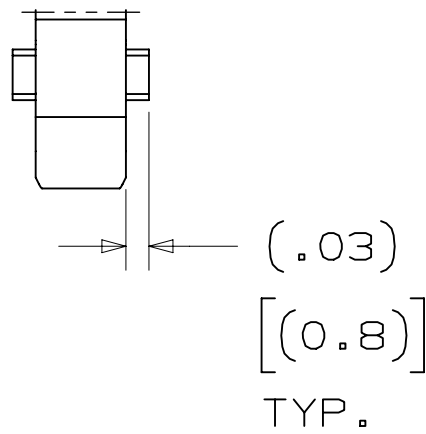
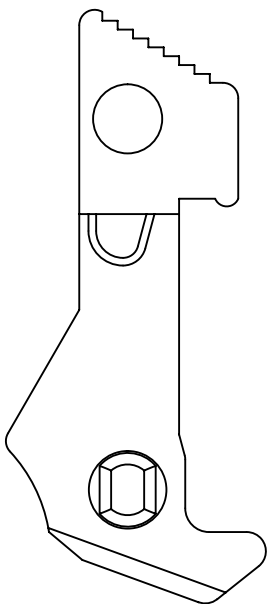
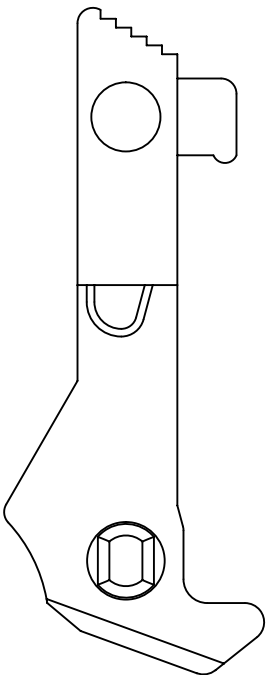
THIS SPEC SHEET DETAILS OUR STANDARD OFFERING.

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

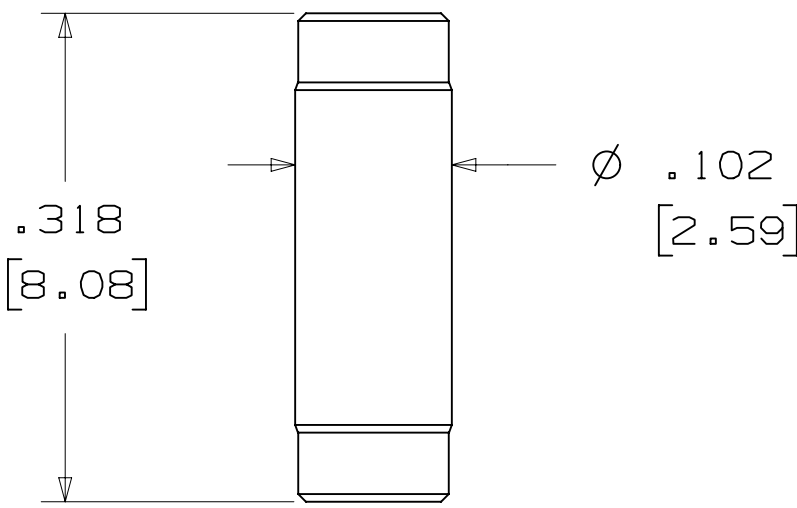


LONG SHORT

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 |

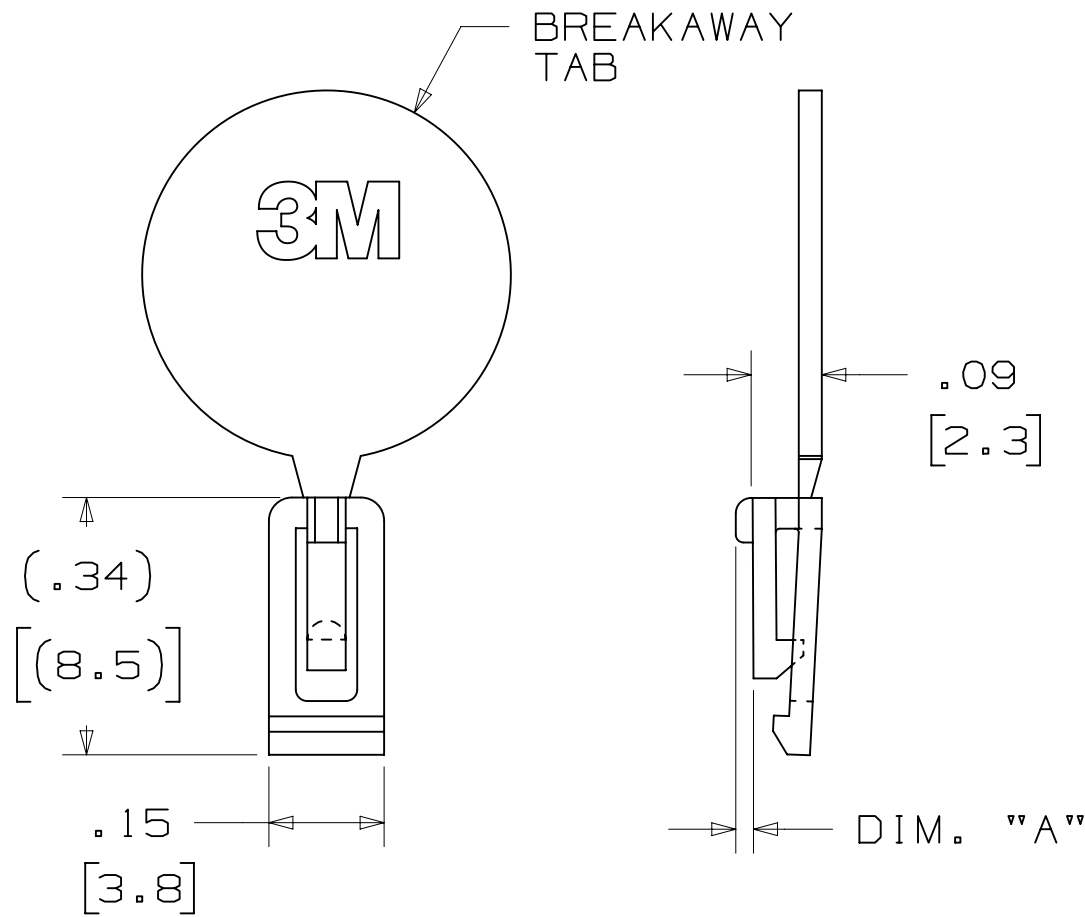
NOTE:  
INSERT POST INTO ONE MOUNTING HARDWARE HOLE ON BOTTOM OF HEADER. SET POST TO PROTRUDE .115 [2.92]

K2 OPTION

| 2500 & 3000 SERIES SHROUDED HEADER |                     |                  |    |    |    |  |
|------------------------------------|---------------------|------------------|----|----|----|--|
| TOTAL NO. 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



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

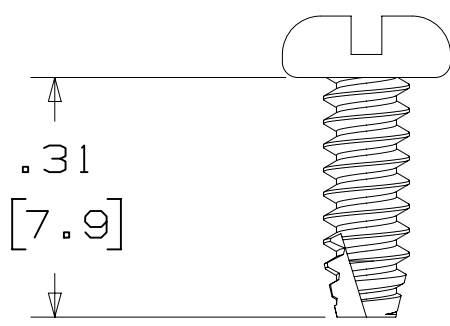
NOTE:  
#2216 B/A SCOTCHWELD CAN BE USED TO ADHERE KEYS.

|                        |  |               |  |                            |  |                        |  |                            |  |                               |  |                       |  |
|------------------------|--|---------------|--|----------------------------|--|------------------------|--|----------------------------|--|-------------------------------|--|-----------------------|--|
| DESIGN REFERENCE       |  | NEXT ASSEMBLY |  | REV                        |  | ECO                    |  | ISSUE DATE AND DESCRIPTION |  | DRFT                          |  | CHKD                  |  |
| XREF CODES             |  | XREF CODES    |  | DIVISION                   |  | SCALE                  |  | TOLERANCES EXCEPT AS NOTED |  | THIRD ANGLE PROJECTION        |  | MAX SURFACE ROUGHNESS |  |
| Interconnect Solutions |  | EMSD          |  | DO NOT SCALE DRAWING       |  | SCALE 4 1              |  | INCHES .0 .00 .000 .0000 ± |  | MILLIMETERS 0 ± .0 .00 .000 ± |  | MARKED ONLY           |  |
| DIVISION               |  | SCALE         |  | TOLERANCES EXCEPT AS NOTED |  | THIRD ANGLE PROJECTION |  | MAX SURFACE ROUGHNESS      |  | MARKED ONLY                   |  | CAGE NUMBER           |  |
| Interconnect Solutions |  | EMSD          |  | DO NOT SCALE DRAWING       |  | SCALE 4 1              |  | INCHES .0 .00 .000 .0000 ± |  | MILLIMETERS 0 ± .0 .00 .000 ± |  | MARKED ONLY           |  |
| DIVISION               |  | SCALE         |  | TOLERANCES EXCEPT AS NOTED |  | THIRD ANGLE PROJECTION |  | MAX SURFACE ROUGHNESS      |  | MARKED ONLY                   |  | CAGE NUMBER           |  |
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| DIVISION               |  | SCALE         |  | TOLERANCES EXCEPT AS NOTED |  | THIRD ANGLE PROJECTION |  | MAX SURFACE ROUGHNESS      |  | MARKED ONLY                   |  | CAGE NUMBER           |  |
| Interconnect Solutions |  | EMSD          |  | DO NOT SCALE DRAWING       |  | SCALE 4 1              |  | INCHES .0 .00 .000 .0000 ± |  | MILLIMETERS 0 ± .0 .00 .000 ± |  | MARKED ONLY           |  |
| DIVISION               |  | SCALE         |  | TOLERANCES EXCEPT AS NOTED |  | THIRD ANGLE PROJECTION |  | MAX SURFACE ROUGHNESS      |  | MARKED ONLY                   |  | CAGE NUMBER           |  |
| Interconnect Solutions |  | EMSD          |  | DO NOT SCALE DRAWING       |  | SCALE 4 1              |  | INCHES .0 .00 .000 .0000 ± |  | MILLIMETERS 0 ± .0 .00 .000 ± |  | MARKED ONLY           |  |
| DIVISION               |  | SCALE         |  | TOLERANCES EXCEPT AS NOTED |  | THIRD ANGLE PROJECTION |  | MAX SURFACE ROUGHNESS      |  | MARKED ONLY                   |  | CAGE NUMBER           |  |
| Interconnect Solutions |  | EMSD          |  | DO NOT SCALE DRAWING       |  | SCALE 4 1              |  | INCHES .0 .00 .000 .0000 ± |  | MILLIMETERS 0 ± .0 .00 .000 ± |  | MARKED ONLY           |  |
| DIVISION               |  | SCALE         |  | TOLERANCES EXCEPT AS NOTED |  | THIRD ANGLE PROJECTION |  | MAX SURFACE ROUGHNESS      |  | MARKED ONLY                   |  | CAGE NUMBER           |  |
| Interconnect Solutions |  | EMSD          |  | DO NOT SCALE DRAWING       |  | SCALE 4 1              |  | INCHES .0 .00 .000 .0000 ± |  | MILLIMETERS 0 ± .0 .00 .000 ± |  | MARKED ONLY           |  |
| DIVISION               |  | SCALE         |  | TOLERANCES EXCEPT AS NOTED |  | THIRD ANGLE PROJECTION |  | MAX SURFACE ROUGHNESS      |  | MARKED ONLY                   |  | CAGE NUMBER           |  |
| Interconnect Solutions |  | EMSD          |  | DO NOT SCALE DRAWING       |  | SCALE 4 1              |  | INCHES .0 .00 .000 .0000 ± |  | MILLIMETERS 0 ± .0 .00 .000 ± |  | MARKED ONLY           |  |
| DIVISION               |  | SCALE         |  | TOLERANCES EXCEPT AS NOTED |  | THIRD ANGLE PROJECTION |  | MAX SURFACE ROUGHNESS      |  | MARKED ONLY                   |  | CAGE NUMBER           |  |
| Interconnect Solutions |  | EMSD          |  | DO NOT SCALE DRAWING       |  | SCALE 4 1              |  | INCHES .0 .00 .000 .0000 ± |  | MILLIMETERS 0 ± .0 .00 .000 ± |  | MARKED ONLY           |  |
| DIVISION               |  | SCALE         |  | TOLERANCES EXCEPT AS NOTED |  | THIRD ANGLE PROJECTION |  | MAX SURFACE ROUGHNESS      |  | MARKED ONLY                   |  | CAGE NUMBER           |  |
| Interconnect Solutions |  | EMSD          |  | DO NOT SCALE DRAWING       |  | SCALE 4 1              |  | INCHES .0 .00 .000 .0000 ± |  | MILLIMETERS 0 ± .0 .00 .000 ± |  | MARKED ONLY           |  |
| DIVISION               |  | SCALE         |  | TOLERANCES EXCEPT AS NOTED |  | THIRD ANGLE PROJECTION |  | MAX SURFACE ROUGHNESS      |  | MARKED ONLY                   |  | CAGE NUMBER           |  |
| Interconnect Solutions |  | EMSD          |  | DO NOT SCALE DRAWING       |  | SCALE 4 1              |  | INCHES .0 .00 .000 .0000 ± |  | MILLIMETERS 0 ± .0 .00 .000 ± |  | MARKED ONLY           |  |
| DIVISION               |  | SCALE         |  | TOLERANCES EXCEPT AS NOTED |  | THIRD ANGLE PROJECTION |  | MAX SURFACE ROUGHNESS      |  | MARKED ONLY                   |  | CAGE NUMBER           |  |
| Interconnect Solutions |  | EMSD          |  | DO NOT SCALE DRAWING       |  | SCALE 4 1              |  | INCHES .0 .00 .000 .0000 ± |  | MILLIMETERS 0 ± .0 .00 .000 ± |  | MARKED ONLY           |  |
| DIVISION               |  | SCALE         |  | TOLERANCES EXCEPT AS NOTED |  | THIRD ANGLE PROJECTION |  | MAX SURFACE ROUGHNESS      |  | MARKED ONLY                   |  | CAGE NUMBER           |  |
| Interconnect Solutions |  | EMSD          |  | DO NOT SCALE DRAWING       |  | SCALE 4 1              |  | INCHES .0 .00 .000 .0000 ± |  | MILLIMETERS 0 ± .0 .00 .000 ± |  | MARKED ONLY           |  |
| DIVISION               |  | SCALE         |  | TOLERANCES EXCEPT AS NOTED |  | THIRD ANGLE PROJECTION |  | MAX SURFACE ROUGHNESS      |  | MARKED ONLY                   |  | CAGE NUMBER           |  |
| Interconnect Solutions |  | EMSD          |  | DO NOT SCALE DRAWING       |  | SCALE 4 1              |  | INCHES .0 .00 .000 .0000 ± |  | MILLIMETERS 0 ± .0 .00 .000 ± |  | MARKED ONLY           |  |
| DIVISION               |  | SCALE         |  | TOLERANCES EXCEPT AS NOTED |  | THIRD ANGLE PROJECTION |  | MAX SURFACE ROUGHNESS      |  | MARKED ONLY                   |  | CAGE NUMBER           |  |
| Interconnect Solutions |  | EMSD          |  | DO NOT SCALE DRAWING       |  | SCALE 4 1              |  | INCHES .0 .00 .000 .0000 ± |  | MILLIMETERS 0 ± .0 .00 .000 ± |  | MARKED ONLY           |  |
| DIVISION               |  | SCALE         |  | TOLERANCES EXCEPT AS NOTED |  | THIRD ANGLE PROJECTION |  | MAX SURFACE ROUGHNESS      |  | MARKED ONLY                   |  | CAGE NUMBER           |  |
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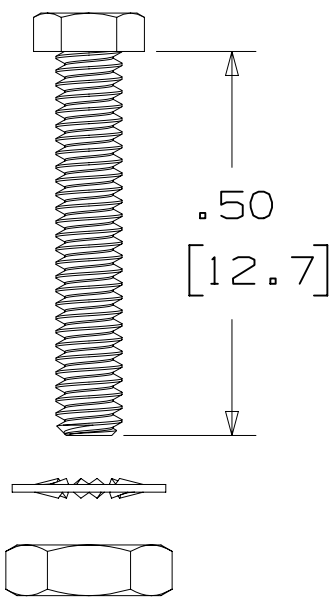


3M™ FOUR-WALL HEADER, 3000 SERIES  
.100" X .100" LATCH/EJECTOR, STRAIGHT AND RIGHT ANGLE

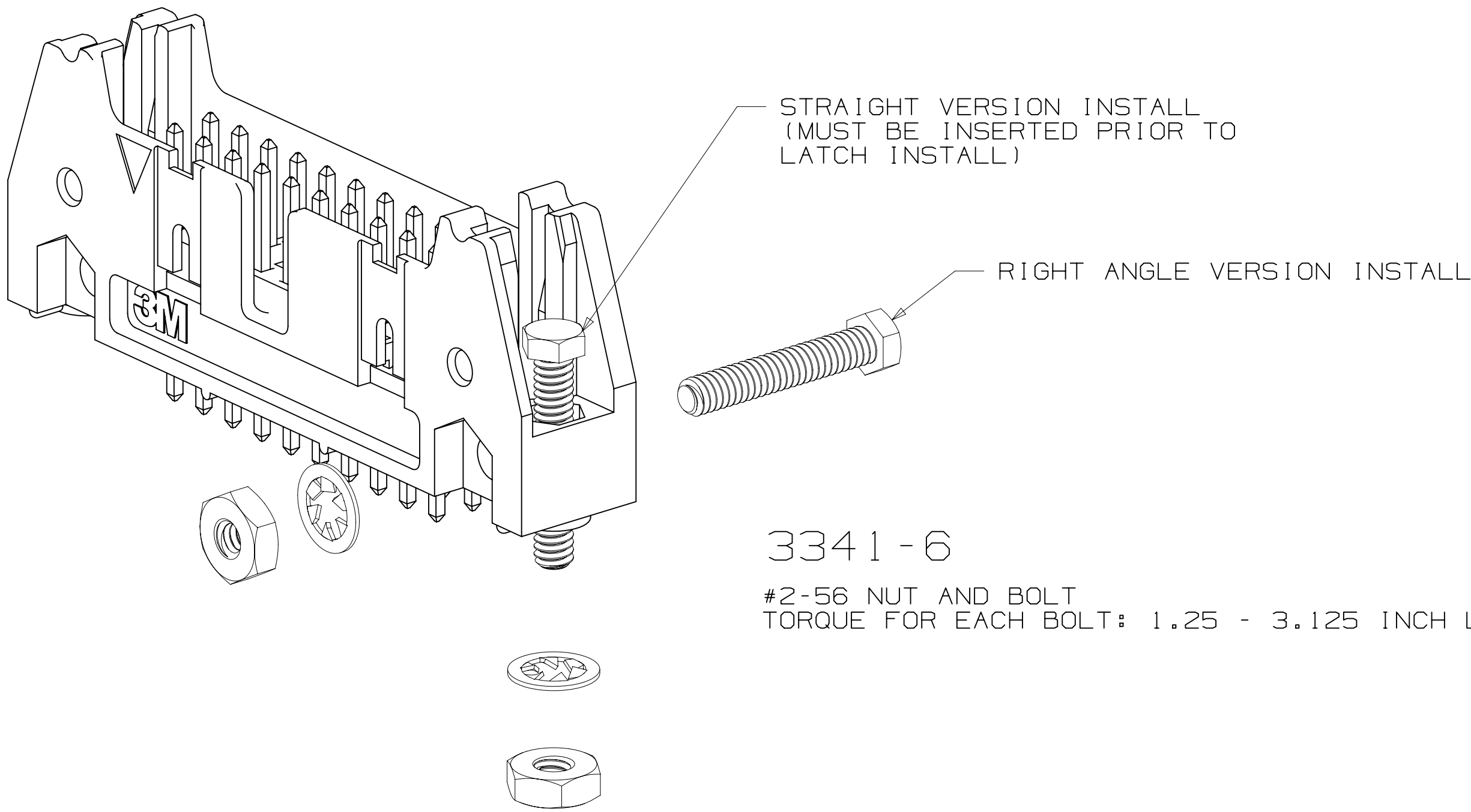
MOUNTING HARDWARE



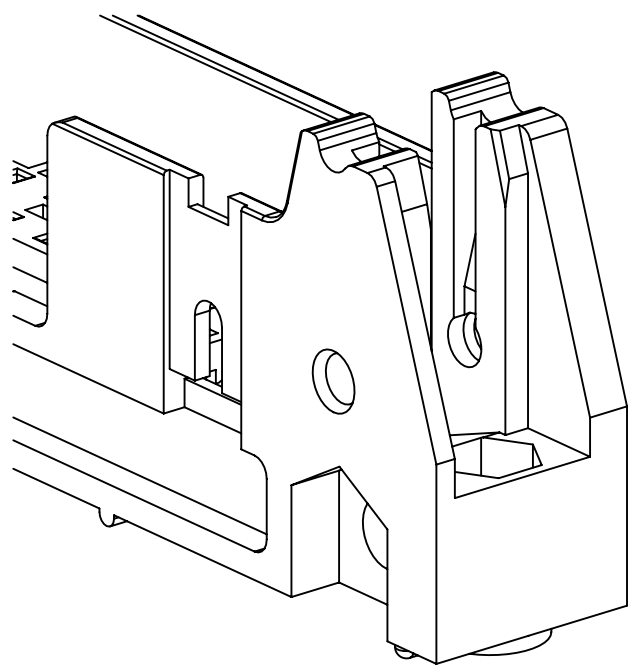
3341-5  
(INSTALL FROM BOTTOM OF BOARD)  
PANHEAD THREAD CUTTING SCREW:  
#4-24 X 5/16"  
TYPE: USA STD BT, FEDERAL BG  
MATERIAL: STAINLESS STEEL



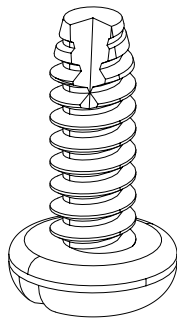
3341-6  
HEX HEAD BOLT, NUT AND WASHER:  
BOLT - #2-56 X 1/2"  
MATERIAL: STAINLESS STEEL



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



#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

|                                                          |  |                                 |  |                            |     |                            |  |                                                                                                                                                                                                                        |      |
|----------------------------------------------------------|--|---------------------------------|--|----------------------------|-----|----------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| DESIGN REFERENCE                                         |  | NEXT ASSEMBLY                   |  | REV                        | ECO | ISSUE DATE AND DESCRIPTION |  | DRFT                                                                                                                                                                                                                   | CHKD |
| XREF                                                     |  | DPR                             |  | DATE                       |     | MFG                        |  | DATE                                                                                                                                                                                                                   |      |
| CODES                                                    |  | CASTIGLIONE                     |  | JUL 25, 2014               |     | R. SCHERER                 |  | SEP 05, 2014                                                                                                                                                                                                           |      |
| DIVISION                                                 |  | DIVISION CODE                   |  | DATE                       |     | DATE                       |  | DATE                                                                                                                                                                                                                   |      |
| Interconnect Solutions                                   |  | EMSD                            |  | 3M Center                  |     | St. Paul,                  |  | 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                                     |  | SCALE 4 1                       |  | TOLERANCES EXCEPT AS NOTED |     | INCHES                     |  | MILLIMETERS                                                                                                                                                                                                            |      |
| THIRD ANGLE PROJECTION                                   |  | INTERPRET PER ASME Y14.5 - 2009 |  | MAX SURFACE ROUGHNESS      |     | SURFACES                   |  | MARKED ONLY                                                                                                                                                                                                            |      |
| TITLE                                                    |  | CAGE NUMBER                     |  | SIZE                       |     | DRAWING NO.                |  | REV.                                                                                                                                                                                                                   |      |
| HEADER, 4-WALL, .100 X .100 LATCH/EJECTOR, STRAIGHT & RA |  | D 78-5100-0772-3                |  | S                          |     | SHT 4 OF 4                 |  |                                                                                                                                                                                                                        |      |
| MODEL                                                    |  | 3000 SERIES                     |  | DET                        |     | YES                        |  | NO                                                                                                                                                                                                                     |      |