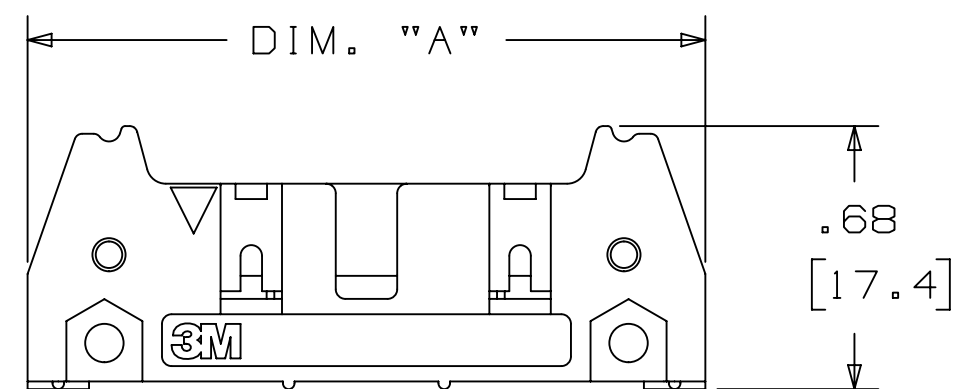
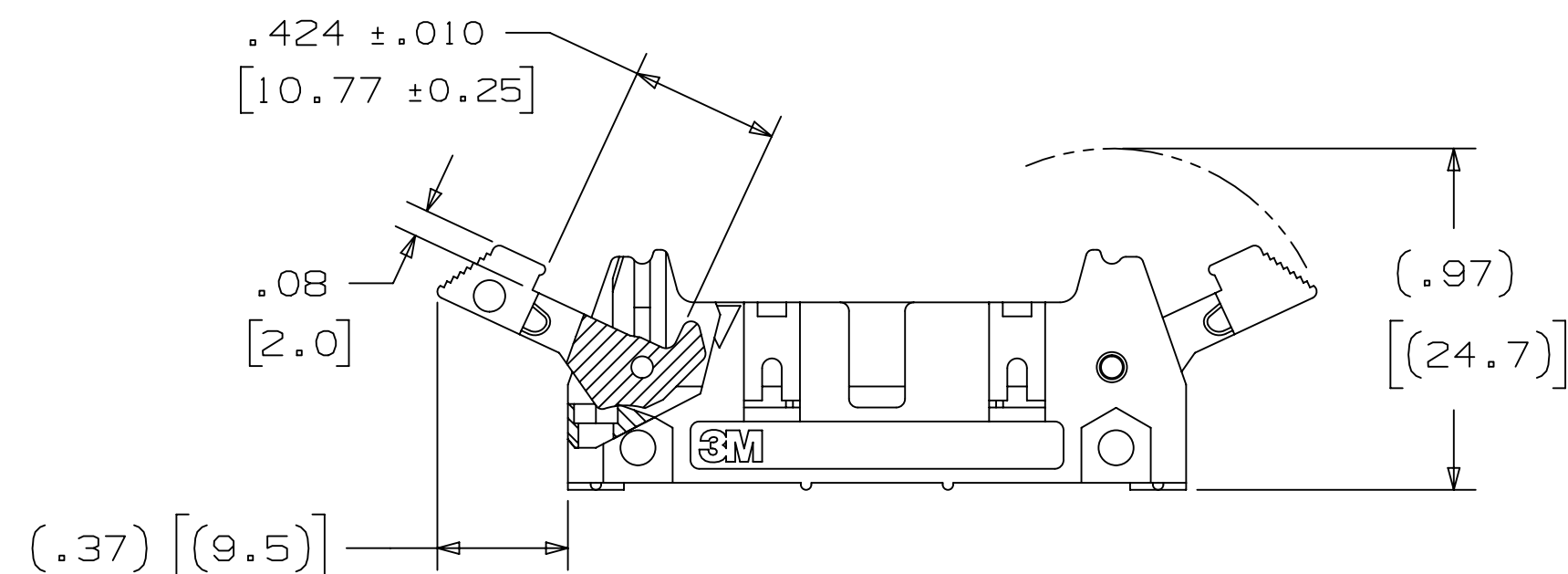


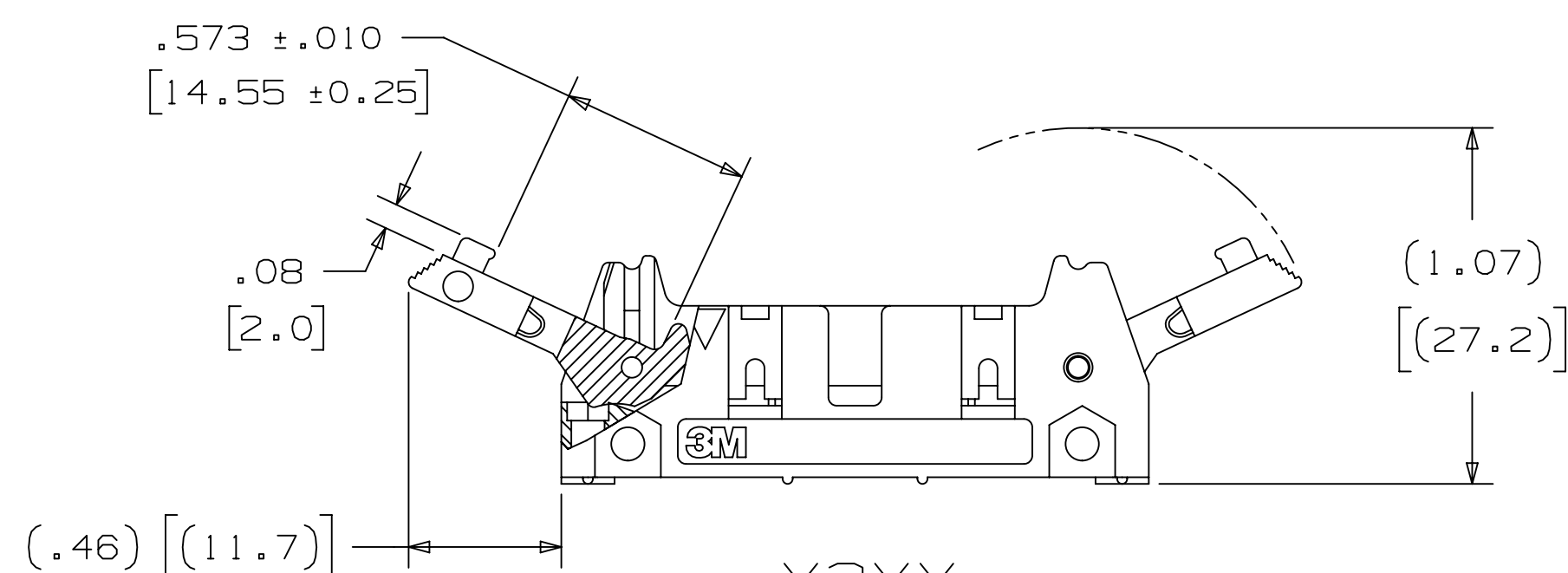
.100" X .100" LATCH/EJECTOR, STRAIGHT AND RIGHT ANGLE



-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

X3XXX - XXXXXX

D= HIGH TEMP BLACK (PCT)/(AR PLATING REQ'D) —  
N= HIGH TEMP BLACK (PCT)/(RB PLATING REQ'D)  
BLANK= HIGH TEMP BLACK (PCT)/(EB PLATING REQ'D)

3M PART NUMBER:  
(SEE TABLE 1)

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

- PLATING:

AR = 50 $\mu$ "-150 $\mu$ " [ 1.27 $\mu$ m-3.81 $\mu$ m ] NICKEL-OVERALL  
10 $\mu$ " [ 0.25 $\mu$ m ] AVG. GOLD, 40-120 $\mu$ " [ 1-3 $\mu$ m ] MATTE TIN TAILS  
RB = 50 $\mu$ "-150 $\mu$ " [ 1.27 $\mu$ m-3.81 $\mu$ m ] NICKEL-OVERALL  
30 $\mu$ " [ 0.76 $\mu$ m ] AVG. GOLD, 200 $\mu$ " [ 5.08 $\mu$ m ] MATTE TIN TAILS

TAIL:

02 = FOR .062 [ 1.57 ] THICK BOARD (N & D)

03 = FOR .094 TO .125 [ 2.39 TO 3.18 ] THICK BOARD (N ONLY)

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

- \* 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.
- \* STRAIGHT, RIGHT ANGLE SOLDER TAIL OPTIONS.

2 PHYSICAL :

```

INSULATOR:
  MATERIAL: HIGH TEMP GLASS FILLED POLYESTER (PCT)
FLAMMABILITY: UL94V-0
  COLOR: BLACK
  CONTACT:
    MATERIAL: COPPER ALLOY
    PLATING:
UNDER PLATING: NICKEL-OVERALL (SEE ORDERING INFORMATION)
  WIPING AREA: GOLD (SEE ORDERING INFORMATION)
  SOLDER TAILS: MATTE TIN (SEE ORDERING INFORMATION)
  MARKINGS: 3M LOGO, PART IDENTIFICATION NUMBER AND ORIENTATION TRIANGLE

```

2 ELECTRICAL :

EIA 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:  $>1 \times 10^9 \Omega$  AT 500 V<sub>DC</sub>  
WITHSTANDING VOLTAGE: 1,000V<sub>RMS</sub> AT SEA LEVEL  
UL CURRENT RATING: 1.0A ALL LINES POWERED  
UL VOLTAGE RATING: 250V

## 2 ENVIRONMENTAL :

UL TEMPERATURE RATING: 130C  
EIA 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)

| NOTES |                                                                                                                                                                                                                                                                           |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.    | REGULATORY INFORMATION:<br>VISIT 3M.com/regs                                                                                                                                                                                                                              |
| 2     | IN THE EVENT OF CONFLICT<br>BETWEEN THIS DATA AND THAT<br>CONTAINED IN THE PRODUCT<br>SPECIFICATION, THE PRODUCT<br>SPECIFICATION TAKES PRECEDENT.                                                                                                                        |
| 3     | NOTCHES A & C WILL ACCOMODATE<br>3M POLARIZING KEY: N3518.                                                                                                                                                                                                                |
| 4     | MOUNTING HARDWARE:<br>FROM SOLDER SIDE OF PC BOARD<br>USE #4-24 THREAD CUTTING SCREW<br>(3M PART #3341-5) WITH<br>Ø.116 [2.95] MOUNTING HOLE.<br>FOR RIGHT ANGLE VERSION ONLY:<br>#2-56 BOLT AND NUT (3M PART<br>#3341-6) WITH Ø.106 [2.69]<br>MOUNTING HOLE MAY BE USED. |

|   |        |                                                             |     |     |
|---|--------|-------------------------------------------------------------|-----|-----|
| X | 115955 | MAY 08,2024<br>REMOVE 05 WWT TAIL                           | JNC | FJR |
| W | 112712 | NOV 29,2023<br>UL VOLTAGE WAS 125                           | JNC | FJR |
| V | 97909  | JUN 22,2021<br>REVISED ORDERING INFO                        | JNC | SAN |
| U | 93619  | JAN 07,2021<br>REMOVE TIN LEAD<br>PLATING AND KINK<br>TAILS | JNC | SAN |
| 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                                                                                                                                                                                                                    | DATE                  | CHKD              |
| DRAFT CASTIGLIONE                                                                                                                                                               |      | DATE JUL 25, 2014                                                                                                                                                                                                                             | DATE                  |                   |
| CHKD                                                                                                                                                                            |      | DATE                                                                                                                                                                                                                                          | APPROV.<br>R. SCHERER | DATE SEP 05, 2014 |
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|                                                                                                                                                                                 |      | TITLE<br>4-WALL HEADER, .100 X<br>.100 LATCH/EJECT,<br>STRAIGHT & RA                                                                                                                                                                          |                       |                   |
| CAGE<br>NUMBER                                                                                                                                                                  | SIZE | DRAWING NO.                                                                                                                                                                                                                                   |                       | REV.              |
| D                                                                                                                                                                               |      | D78-5100-0772-3                                                                                                                                                                                                                               |                       | X                 |
| MODEL                                                                                                                                                                           | 3400 | DET.<br>LISTS <input type="checkbox"/> YES <input type="checkbox"/> NO SHT 1 OF 3                                                                                                                                                             |                       |                   |

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INFORMATION CALL 800-225-5373

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

| DESIGN REFERENCE                                                                                                                                                                                                                                                                       | NEXT  | ASSEMBLY                                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------------------------------------------------------------|
| ACCESS CODES                                                                                                                                                                                                                                                                           |       |                                                                     |
| <div> <div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div> <div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div> </div> |       |                                                                     |
| DIVISION<br>Interconnect Solutions                                                                                                                                                                                                                                                     |       | DIVISION CODE<br>EMSD                                               |
| DO NOT<br>SCALE<br>DRAWING                                                                                                                                                                                                                                                             | SCALE | TOLERANCES<br>EXCEPT AS<br>NOTED                                    |
|                                                                                                                                                                                                   |       | INCHES<br>.0     ±.1<br>.00    ±.01<br>.000   ±.005<br>.0000 ±.0002 |
| THIRD ANGLE PROJECTION                                                                                                                                                                                                                                                                 |       | MILLI METERS<br>0     ±<br>.0     ±<br>.00    ±<br>.000   ±         |
| INTERPRET PER<br>ASME Y14.5 - 2018                                                                                                                                                                                                                                                     |       |                                                                     |
| MAX SURFACE ROUGHNESS                                                                                                                                                                                                                                                                  |       |                                                                     |
| <input checked="" type="checkbox"/> ALL SURFACES<br><input type="checkbox"/> MARKED ONLY                                                                                                                                                                                               |       | ANGLES ±                                                            |

**3M** 3M Center  
St. Paul,  
MN 55144

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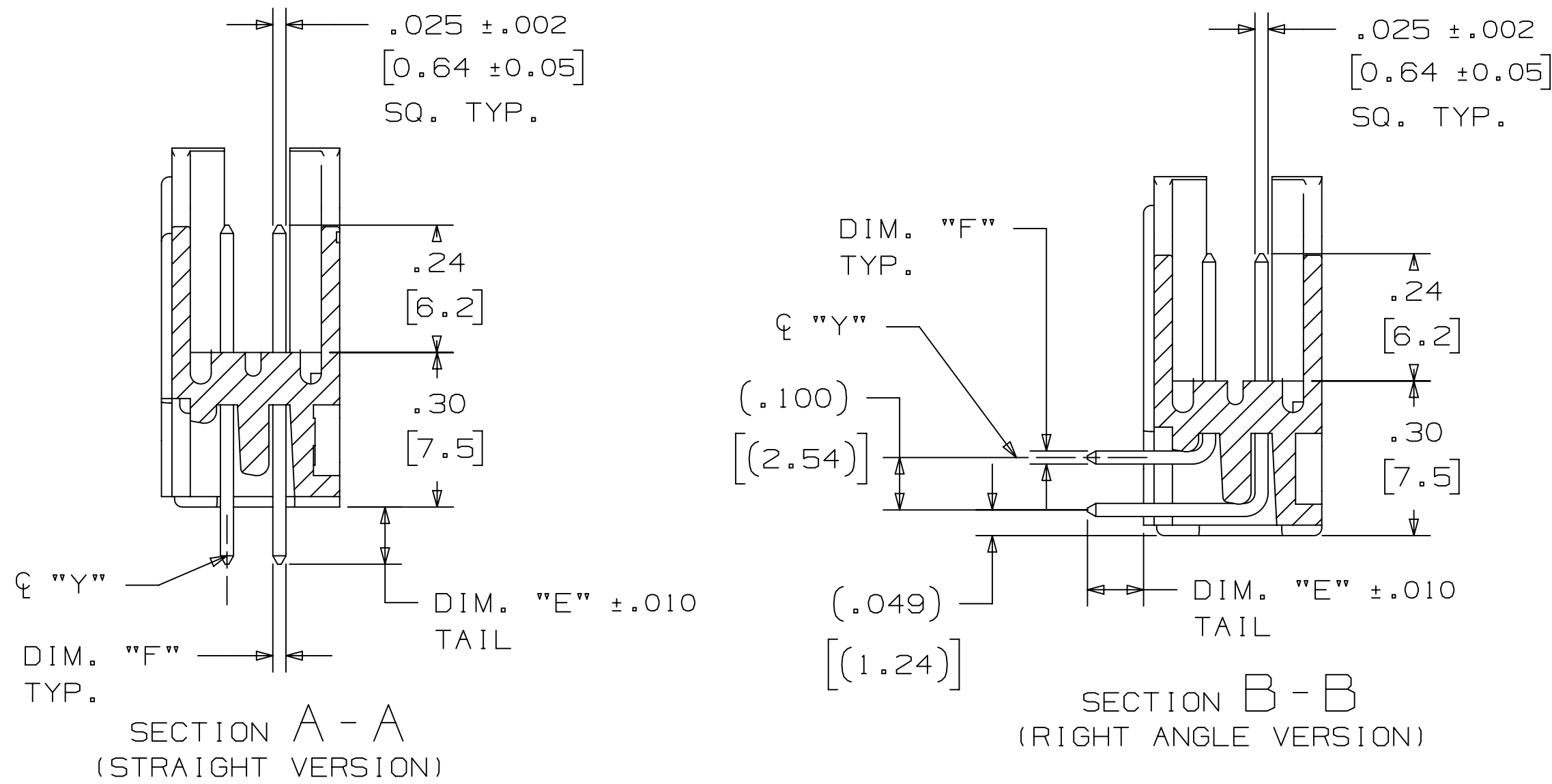
| TITLE                                                       |
|-------------------------------------------------------------|
| 4-WALL HEADER, .100 X<br>.100 LATCH/EJECT,<br>STRAIGHT & RA |

|                |                  |                                                                                   |            |           |
|----------------|------------------|-----------------------------------------------------------------------------------|------------|-----------|
| CAGE<br>NUMBER | SIZE<br><b>D</b> | DRAWING NO.<br>78-5100-0772-3                                                     |            | REV.<br>X |
| MODEL<br>3400  |                  | DET.<br>LISTS <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | SHT 1 OF 5 |           |

**UL**<sup>®</sup>  
**US**  
UL FILE NO: E68080

3M™ FOUR-WALL HEADER, 3000 SERIES

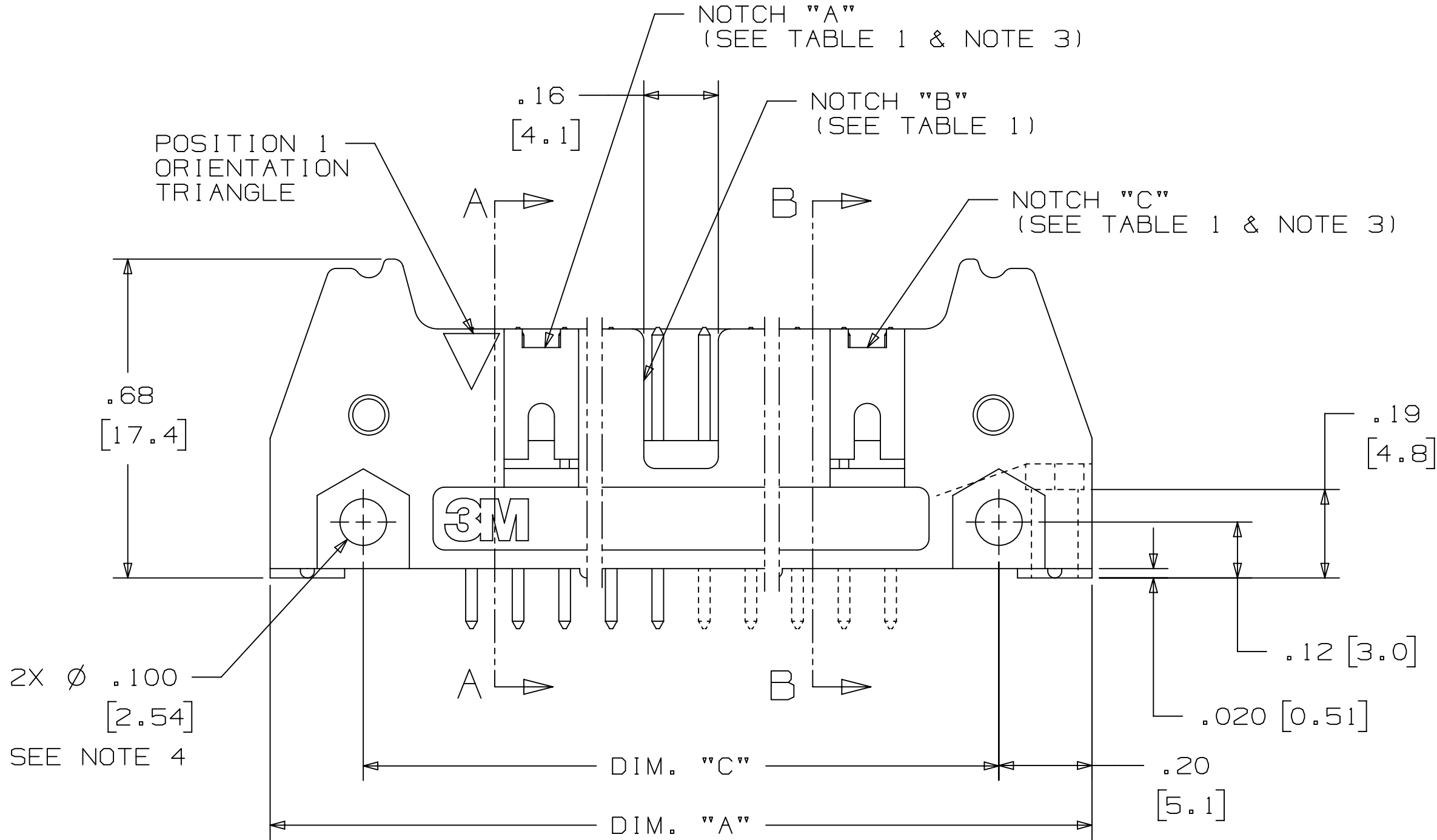
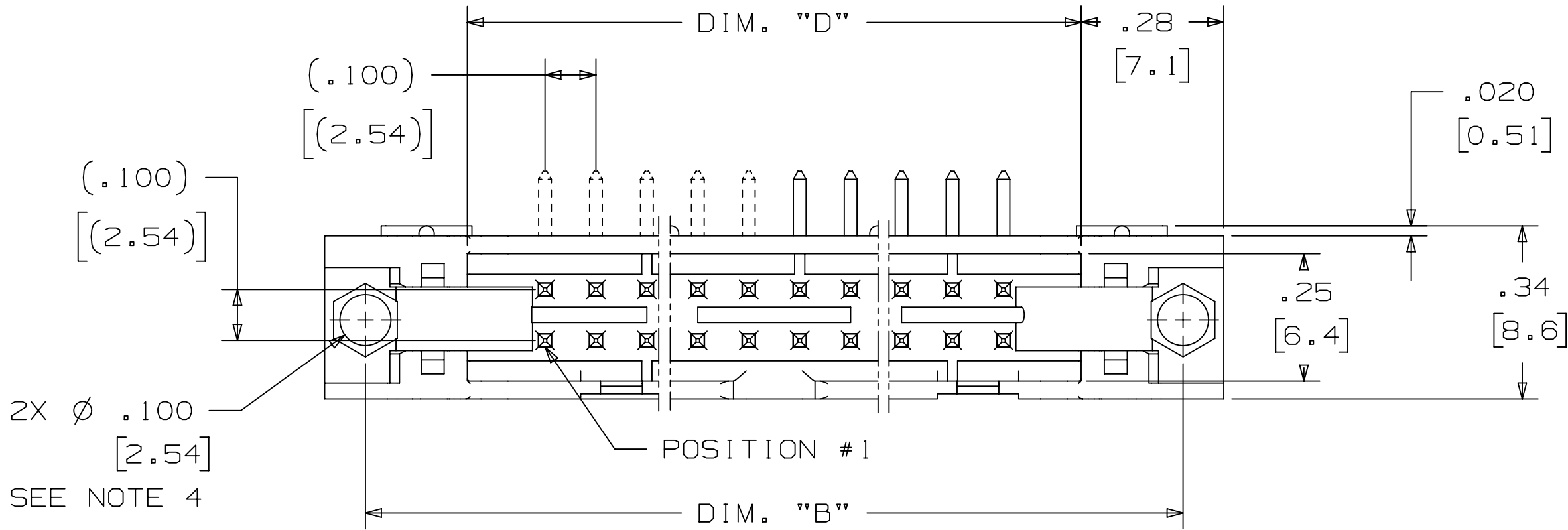
.100" X .100" LATCH/EJECTOR, STRAIGHT AND RIGHT ANGLE



| 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

| 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                 |                                               |               |                         |                      |                     |                                 |



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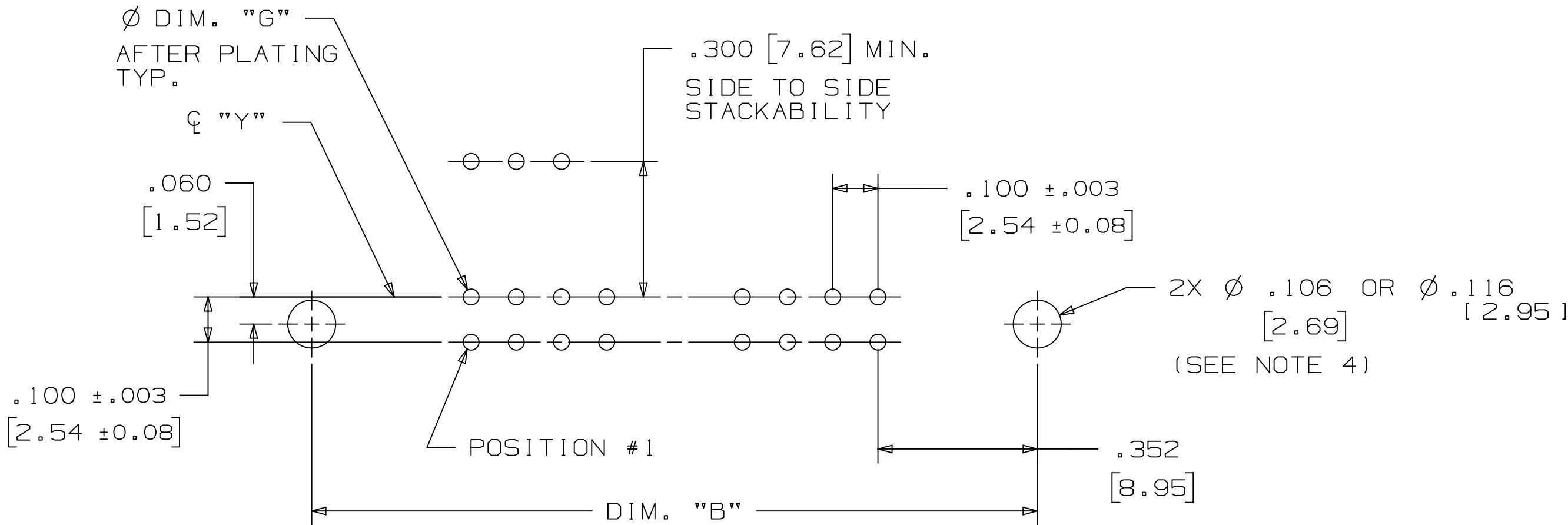
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INFORMATION CALL 800-225-5373

|      |             |                            |       |                  |
|------|-------------|----------------------------|-------|------------------|
| X    | 115955      | MAY 08,2024                | JNC   | FJR              |
| W    | 112712      | NOV 29,2023                | JNC   | FJR              |
| V    | 97909       | JUN 22,2021                | JNC   | SAN              |
| U    | 93619       | JAN 07,2021                | JNC   | SAN              |
| T    | 62689       | JUL 10,2015                | JNC   | SN               |
| S    | 60056       | MAR 06,2015                | JNC   | RS               |
| R    | 56068       | JUL 25,2014                | JNC   | RS               |
| REV  | ECO         | ISSUE DATE AND DESCRIPTION | DRFT  | CHKD             |
| DRFT | CASTIGLIONE | DATE JUL 25,2014           | MFG   | DATE             |
| CHKD |             | DATE                       | APPRV | DATE SEP 05,2014 |

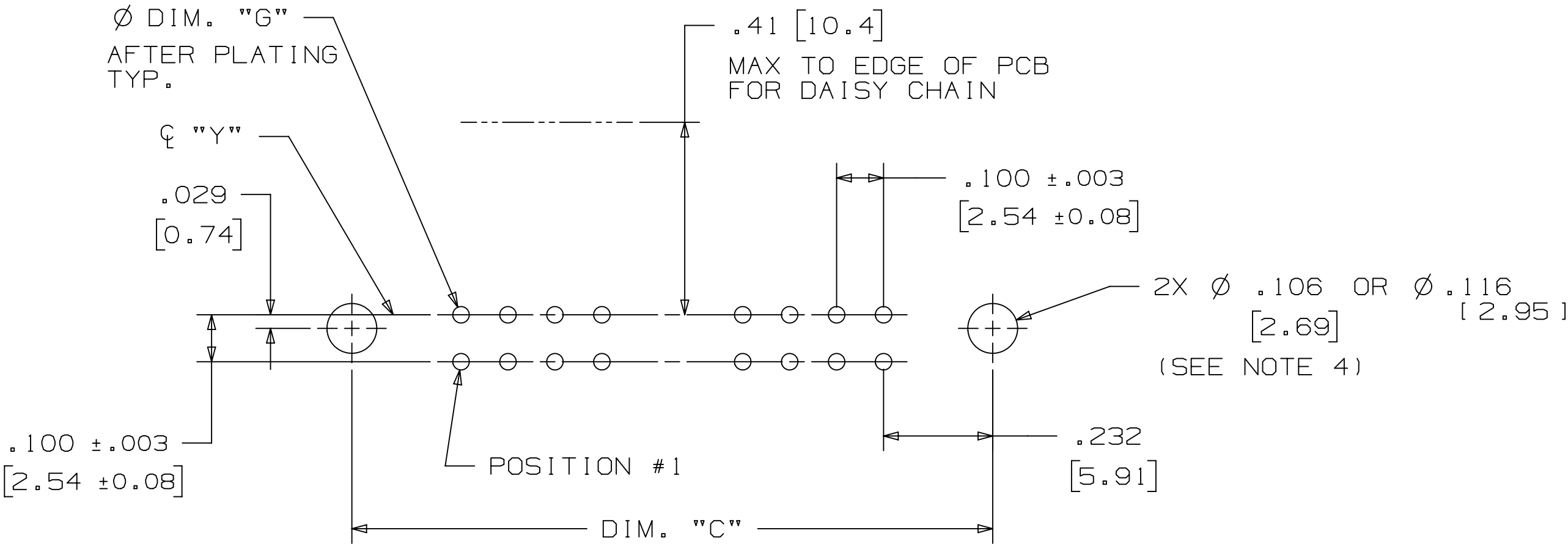
|                        |                                 |
|------------------------|---------------------------------|
| DESIGN REFERENCE       | NEXT ASSEMBLY                   |
| DO NOT SCALE DRAWING   | SCALE                           |
| THIRD ANGLE PROJECTION | INTERPRET PER ASME Y14.5 - 2018 |
| MAX. SURFACE ROUGHNESS | ALL SURFACES                    |
| MARKED ONLY            | MARKED ONLY                     |

|                        |                                                       |                            |                                                 |
|------------------------|-------------------------------------------------------|----------------------------|-------------------------------------------------|
| DIVISION               | Interconnect Solutions                                | DIVISION CODE              | EMSD                                            |
| DO NOT SCALE DRAWING   | SCALE                                                 | TOLERANCES EXCEPT AS NOTED |                                                 |
| THIRD ANGLE PROJECTION | INTERPRET PER ASME Y14.5 - 2018                       | INCHES                     | 0 ±.1<br>.00 ±.01<br>.000 ±.005<br>.0000 ±.0002 |
| MAX. SURFACE ROUGHNESS | ALL SURFACES                                          | MILLIMETERS                | 0 ±.1<br>.00 ±.01<br>.000 ±.005                 |
| MARKED ONLY            | MARKED ONLY                                           | ANGLES                     | ±.1<br>±.01<br>±.005<br>±.0002                  |
| TITLE                  | 4-WALL HEADER, .100 X .100 LATCH/EJECT, STRAIGHT & RA |                            |                                                 |
| CAGE NUMBER            | SIZE                                                  | DRAWING NO.                | REV.                                            |
| D                      | 78-5100-0772-3                                        | X                          |                                                 |
| MODEL                  | 3400                                                  | LISTS                      | YES NO SHT 2 OF 5                               |

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

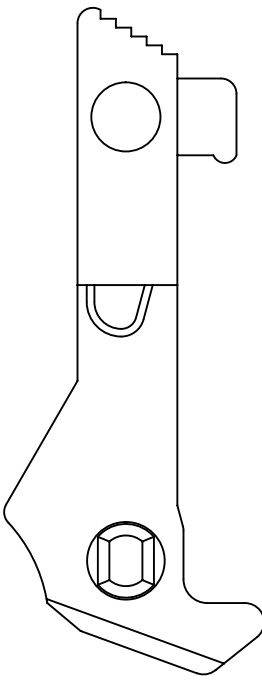
THIS SPEC SHEET DETAILS OUR STANDARD OFFERING.

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.

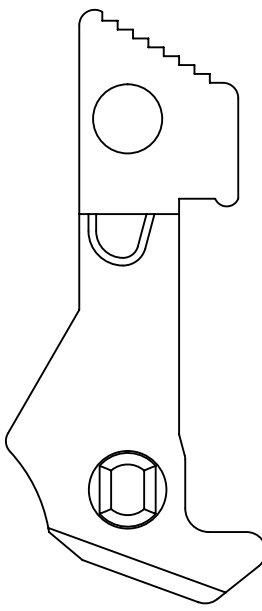
BOTH SNAP-IN AND ROLL PIN LATCHES MAY BE ORDERED SEPARATELY. SNAP-IN AND ROLL PIN STYLE LATCHES ARE DIMENSIONALLY AND FUNCTIONALLY EQUIVALENT. IF ORDERING SNAP-IN OR ROLL PIN STYLE LATCHES SEPARATELY, PLEASE USE THE BELOW CHART.

| 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

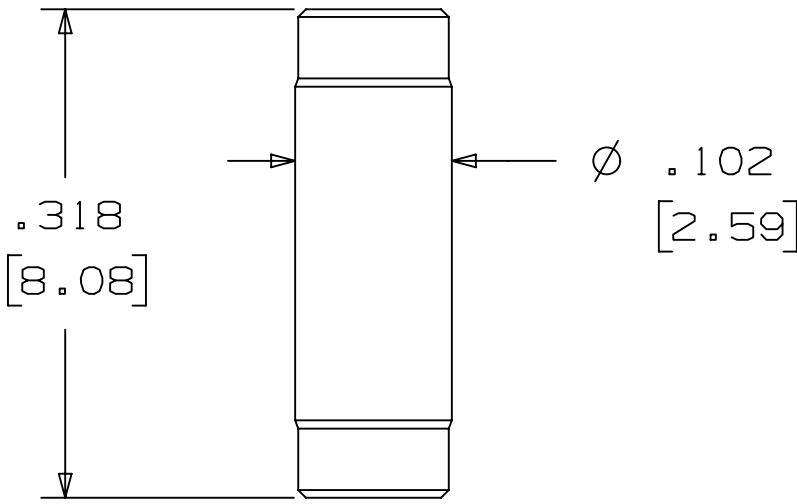
SNAP-IN LATCHES

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

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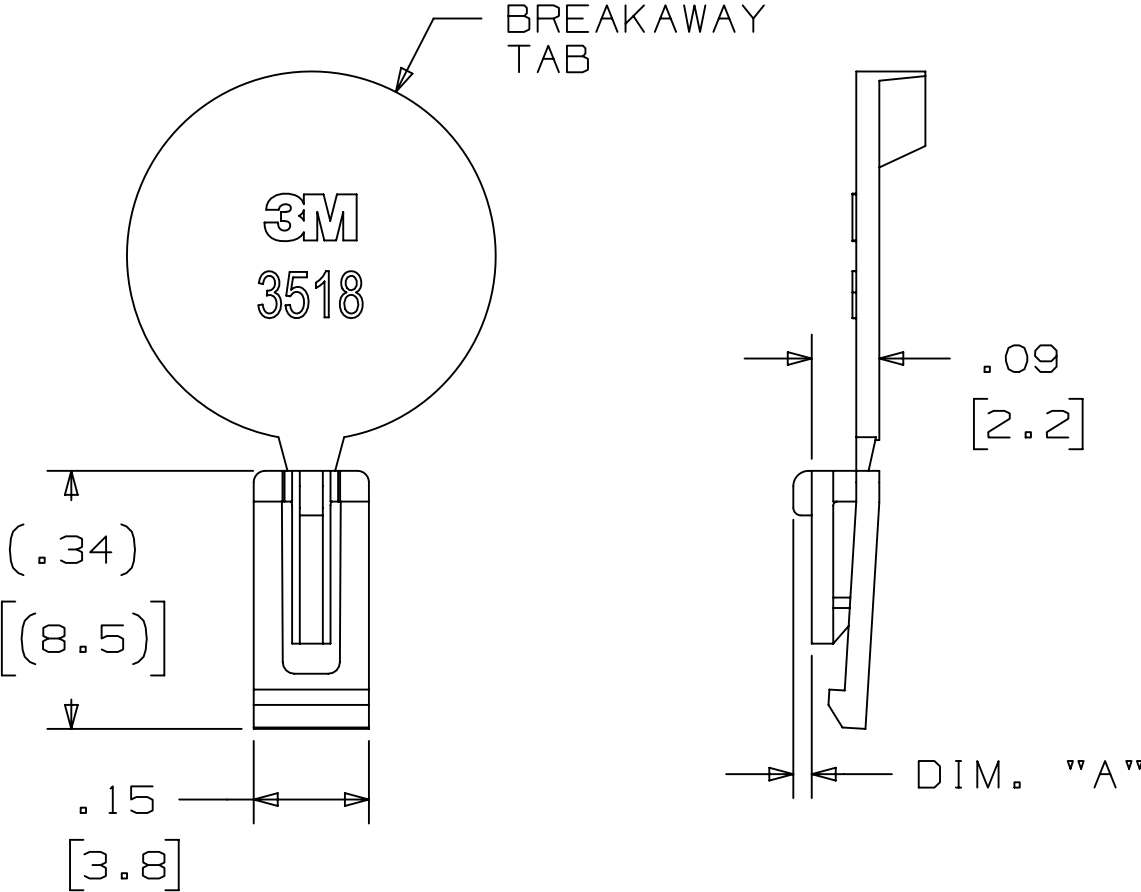
POLARIZING POST



| 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 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 |
|------------------|---------------|-----|-----|--------------------------------------------------------------|------|------|
| XXXXX            | XXXXX         | 1   | 1   | MAY 08, 2024<br>REMOVE 05 WWT TAIL                           | JNC  | FJR  |
| XXXXX            | XXXXX         | 2   | 2   | NOV 29, 2023<br>UL VOLTAGE WAS 125                           | JNC  | FJR  |
| XXXXX            | XXXXX         | 3   | 3   | JUN 22, 2021<br>REVISED ORDERING INFO                        | JNC  | SAN  |
| XXXXX            | XXXXX         | 4   | 4   | JAN 07, 2021<br>REMOVE TIN LEAD<br>PLATING AND KINK<br>TAILS | JNC  | SAN  |
| XXXXX            | XXXXX         | 5   | 5   | JUL 10, 2015<br>ADD 5X05 OPTION AND<br>REVISE NOTES          | JNC  | SN   |
| XXXXX            | XXXXX         | 6   | 6   | MAR 06, 2015<br>REVISE ORDERING<br>NUMBER                    | JNC  | RS   |
| XXXXX            | XXXXX         | 7   | 7   | JUL 25, 2014<br>REVISED AND REDRAWN                          | JNC  | RS   |
| XXXXX            | XXXXX         | 8   | 8   | JUL 25, 2014<br>REVISED AND REDRAWN                          | JNC  | RS   |
| XXXXX            | XXXXX         | 9   | 9   | JUL 25, 2014<br>REVISED AND REDRAWN                          | JNC  | RS   |
| XXXXX            | XXXXX         | 10  | 10  | JUL 25, 2014<br>REVISED AND REDRAWN                          | JNC  | RS   |
| XXXXX            | XXXXX         | 11  | 11  | JUL 25, 2014<br>REVISED AND REDRAWN                          | JNC  | RS   |
| XXXXX            | XXXXX         | 12  | 12  | JUL 25, 2014<br>REVISED AND REDRAWN                          | JNC  | RS   |
| XXXXX            | XXXXX         | 13  | 13  | JUL 25, 2014<br>REVISED AND REDRAWN                          | JNC  | RS   |
| XXXXX            | XXXXX         | 14  | 14  | JUL 25, 2014<br>REVISED AND REDRAWN                          | JNC  | RS   |
| XXXXX            | XXXXX         | 15  | 15  | JUL 25, 2014<br>REVISED AND REDRAWN                          | JNC  | RS   |
| XXXXX            | XXXXX         | 16  | 16  | JUL 25, 2014<br>REVISED AND REDRAWN                          | JNC  | RS   |
| XXXXX            | XXXXX         | 17  | 17  | JUL 25, 2014<br>REVISED AND REDRAWN                          | JNC  | RS   |
| XXXXX            | XXXXX         | 18  | 18  | JUL 25, 2014<br>REVISED AND REDRAWN                          | JNC  | RS   |
| XXXXX            | XXXXX         | 19  | 19  | JUL 25, 2014<br>REVISED AND REDRAWN                          | JNC  | RS   |
| XXXXX            | XXXXX         | 20  | 20  | JUL 25, 2014<br>REVISED AND REDRAWN                          | JNC  | RS   |

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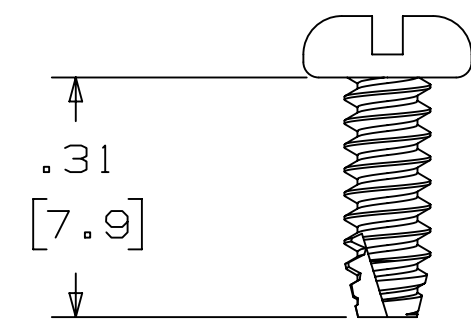
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TITLE  
4-WALL HEADER, .100 X  
.100 LATCH/EJECT,  
STRAIGHT & RA  
CAGE NUMBER  
D78-5100-0772-3  
MODEL  
3400  
REV.  
X

## 3M™ FOUR-WALL HEADER, 3000 SERIES

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

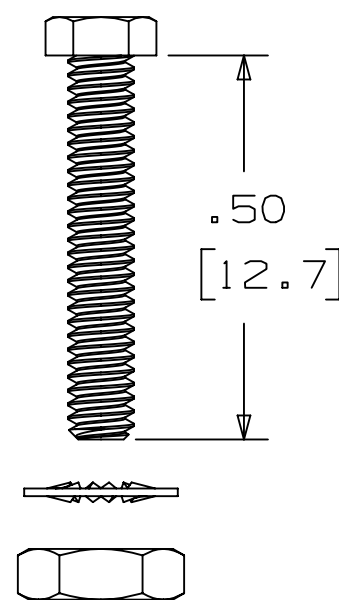
## MOUNTING HARDWARE



3341-5

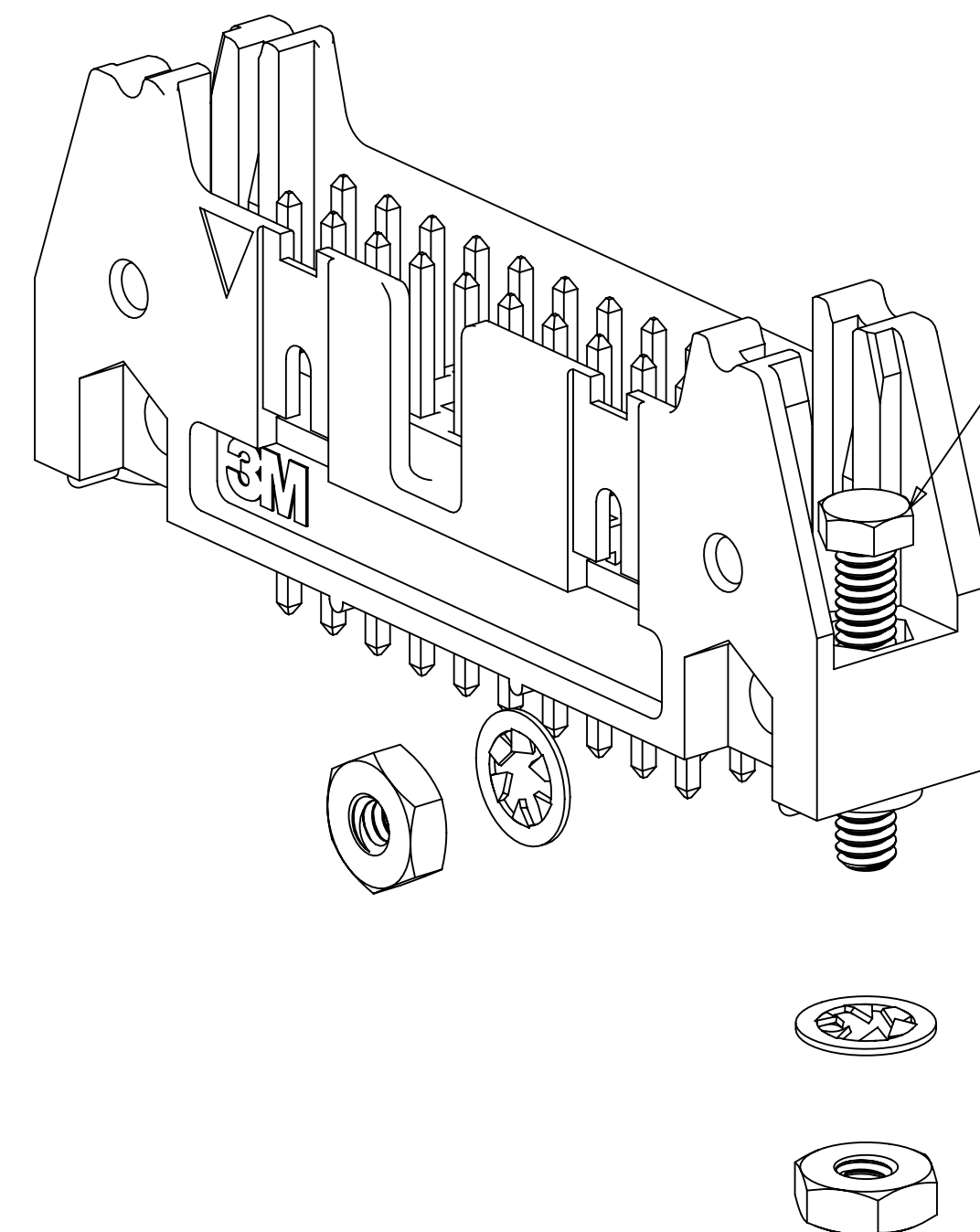
(INSTALL FROM BOTTOM OF BOARD)  
SEE NOTE 4

PANHEAD THREAD CUTTING SCREW:  
#4-24 X 5/16"  
TYPE: USA STD BT, FEDERAL BG  
MATERIAL: STAINLESS STEEL



3341-6

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

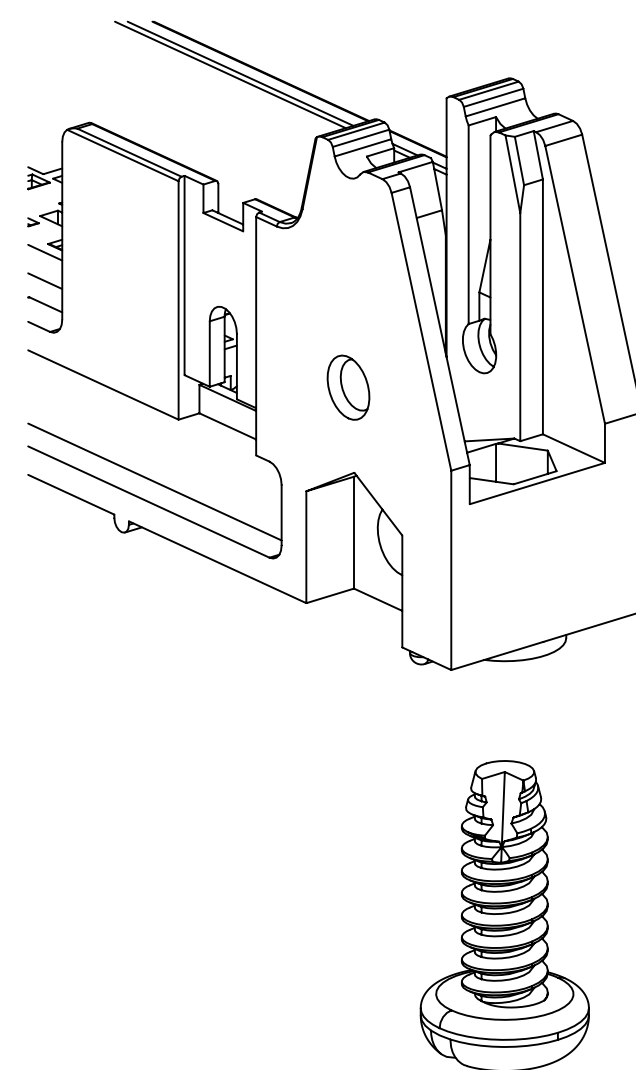


— STRAIGHT VERSION INSTALL  
(MUST BE INSERTED PRIOR TO  
LATCH INSTALL)

## — RIGHT ANGLE VERSION INSTALL

3341-6

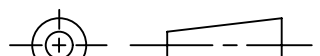
#2-56 NUT AND BOLT



- #4-24 TYPE BT SELF THREADING SCREW  
WHEN USING LATCHES, MAXIMUM LENGTH  
OF SCREW IS .250 INCHES PLUS  
THICKNESS OF THE BOARD.

3341-5

|      |            |                                                             |                   |                      |
|------|------------|-------------------------------------------------------------|-------------------|----------------------|
| X    | 115955     | MAY 08,2024<br>REMOVE 05 WWT TAIL                           | JNC               | FJR                  |
| W    | 112712     | NOV 29,2023<br>UL VOLTAGE WAS 125                           | JNC               | FJR                  |
| V    | 97909      | JUN 22,2021<br>REVISED ORDERING INFO                        | JNC               | SAN                  |
| U    | 93619      | JAN 07,2021<br>REMOVE TIN LEAD<br>PLATING AND KINK<br>TAILS | JNC               | SAN                  |
| T    | 62689      | JUL 10,2015<br>ADD 5X05 OPTION AND<br>REVISE NOTES          | JNC               | SN                   |
| S    | 60056      | MAR 08,2015<br>REVISE ORDERING<br>NUMBER                    | JNC               | RS                   |
| R    | 56068      | JUL 25,2014<br>REVISED AND REDRAWN                          | JNC               | RS                   |
| REV  | ECO        | ISSUE DATE AND DESCRIPTION                                  | JRFT              | CHKD                 |
| DRFT | CAS1GL1ONE | DATE<br>JUL 25, 2014                                        | APPR<br>R SCHERER | DATE<br>SEP 05, 2014 |
| CHKD |            | DATE                                                        |                   |                      |

|                                                                                                            |  |  |               |  |  |                                                                                       |  |      |                                                                                       |                            |  |                                                                                                                                                                                                                                               |              |  |                |              |  |             |  |  |                                                          |  |  |            |  |  |
|------------------------------------------------------------------------------------------------------------|--|--|---------------|--|--|---------------------------------------------------------------------------------------|--|------|---------------------------------------------------------------------------------------|----------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--|----------------|--------------|--|-------------|--|--|----------------------------------------------------------|--|--|------------|--|--|
| DESIGN REFERENCE                                                                                           |  |  | NEXT ASSEMBLY |  |  | REV                                                                                   |  | ECO  |                                                                                       | ISSUE DATE AND DESCRIPTION |  |                                                                                                                                                                                                                                               | DRFT         |  | CHKD           |              |  |             |  |  |                                                          |  |  |            |  |  |
| ACROSS CODES                                                                                               |  |  |               |  |  | BYP                                                                                   |  | CAST |                                                                                       | GLIONE                     |  |                                                                                                                                                                                                                                               | JUL 25, 2014 |  | MFB            |              |  |             |  |  |                                                          |  |  |            |  |  |
|                                                                                                            |  |  |               |  |  |                                                                                       |  |      |                                                                                       |                            |  |                                                                                                                                                                                                                                               | DATE         |  |                | DATE         |  |             |  |  |                                                          |  |  |            |  |  |
|                                                                                                            |  |  |               |  |  | CHKD                                                                                  |  |      |                                                                                       |                            |  |                                                                                                                                                                                                                                               | APPR         |  |                | DATE         |  |             |  |  |                                                          |  |  |            |  |  |
|                                                                                                            |  |  |               |  |  |                                                                                       |  |      |                                                                                       |                            |  |                                                                                                                                                                                                                                               | R. SCHERER   |  |                | SEP 05, 2014 |  |             |  |  |                                                          |  |  |            |  |  |
| DIVISION                                                                                                   |  |  |               |  |  | DIVISION CODE                                                                         |  |      |                                                                                       |                            |  | © 3M COPYRIGHT 2024<br>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. |              |  |                |              |  |             |  |  |                                                          |  |  |            |  |  |
| Interconnect Solutions                                                                                     |  |  |               |  |  | EMSD                                                                                  |  |      |                                                                                       |                            |  |                                                                                                                                                                                                                                               |              |  |                |              |  |             |  |  |                                                          |  |  |            |  |  |
| DO NOT SCALE DRAWING                                                                                       |  |  | SCALE         |  |  | TOLERANCES EXCEPT AS NOTED                                                            |  |      |  |                            |  | 3M Center<br>St. Paul,<br>MN 55144                                                                                                                                                                                                            |              |  |                |              |  |             |  |  |                                                          |  |  |            |  |  |
|                                                                                                            |  |  |               |  |  |                                                                                       |  |      |                                                                                       |                            |  |                                                                                                                                                                                                                                               |              |  |                |              |  |             |  |  |                                                          |  |  |            |  |  |
|                       |  |  |               |  |  | INCHES<br>.00 ±.1<br>.00 ±.01<br>.000 ±.005<br>.0000 ±.0002                           |  |      |                                                                                       |                            |  | TITLE<br>4 - WALL HEADER, 100 X<br>100 LATCH/EJECT,<br>STRAIGHT & RA                                                                                                                                                                          |              |  |                |              |  |             |  |  |                                                          |  |  |            |  |  |
| THIRD ANGLE PROJECTION                                                                                     |  |  |               |  |  | MILLIMETERS<br>0 ±<br>.00 ±<br>.000 ±<br>.000 ±                                       |  |      |                                                                                       |                            |  |                                                                                                                                                                                                                                               |              |  |                |              |  |             |  |  |                                                          |  |  |            |  |  |
| INTERPRET PER ASME Y14.5 - 2018                                                                            |  |  |               |  |  |  |  |      |                                                                                       |                            |  | CAGE NUMBER                                                                                                                                                                                                                                   |              |  | SIZE           |              |  | DRAWING NO. |  |  | REV.                                                     |  |  |            |  |  |
| MAX SURFACE ROUGHNESS<br>✓ <input type="checkbox"/> ALL SURFACES<br>✓ <input type="checkbox"/> MARKED ONLY |  |  |               |  |  |                                                                                       |  |      |                                                                                       |                            |  | D                                                                                                                                                                                                                                             |              |  | 78-5100-0772-3 |              |  | X           |  |  |                                                          |  |  |            |  |  |
|                                                                                                            |  |  |               |  |  | MODEL                                                                                 |  |      |                                                                                       |                            |  | 3400                                                                                                                                                                                                                                          |              |  | DET.           |              |  | ISTS        |  |  | YES <input type="checkbox"/> NO <input type="checkbox"/> |  |  | SHT 4 OF 5 |  |  |

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

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# 3M™ FOUR-WALL HEADER, 3000 SERIES

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

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|                                                                                          |        |                                                                      |                                                                                   |             |
|------------------------------------------------------------------------------------------|--------|----------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------|
| X                                                                                        | 115955 | MAY 08,2024<br>REMOVE 05 WWT TAIL                                    | JNC                                                                               | FJR         |
| W                                                                                        | 112712 | NOV 29,2023<br>UL VOLTAGE WAS 125                                    | JNC                                                                               | FJR         |
| V                                                                                        | 97909  | JUN 22,2021<br>REVISED ORDERING INFO                                 | JNC                                                                               | SAN         |
| U                                                                                        | 93619  | JAN 07,2021<br>REMOVE TIN LEAD<br>PLATING AND KINK<br>TAILS          | JNC                                                                               | SAN         |
| 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          |
| REVI                                                                                     | ECO    | ISSUE DATE AND DESCRIPTION                                           | DRFT                                                                              | CHKD        |
| DESIGN REFERENCE                                                                         |        | NEXT ASSEMBLY                                                        |                                                                                   |             |
| ACCESS CODES                                                                             |        | DATE                                                                 | MFG                                                                               | DATE        |
|                                                                                          |        | DATE                                                                 |                                                                                   |             |
|                                                                                          |        | DATE                                                                 | APPRV.                                                                            | DATE        |
|                                                                                          |        | DATE                                                                 | R. SCHERER                                                                        | SEP 05,2014 |
| DIVISION<br>Interconnect Solutions                                                       |        | DIVISION CODE<br>EMSD                                                |                                                                                   |             |
| DO NOT SCALE<br>DRAWING                                                                  |        | TOLERANCES<br>EXCEPT AS<br>NOTED                                     |                                                                                   |             |
| <br>THIRD ANGLE PROJECTION                                                               |        | INCHES<br>.0 ±.1<br>.00 ±.01<br>.000 ±.005<br>.0000 ±.0002           |                                                                                   |             |
| INTERPRET PER<br>ASME Y14.5 - 2018                                                       |        | MILLIMETERS<br>0 ±<br>.0 ±<br>.00 ±<br>.000 ±                        |                                                                                   |             |
| MAX SURFACE ROUGHNESS<br>ALL SURFACES<br><input checked="" type="checkbox"/> MARKED ONLY |        | TITLE<br>4-WALL HEADER, .100 X<br>.100 LATCH/EJECT,<br>STRAIGHT & RA |                                                                                   |             |
| MAX SURFACE ROUGHNESS<br>ALL SURFACES<br><input checked="" type="checkbox"/> MARKED ONLY |        | CAGE<br>NUMBER                                                       | SIZE<br>DRAWING NO.                                                               | REV.        |
|                                                                                          |        | D                                                                    | 78-5100-0772-3                                                                    | X           |
|                                                                                          |        | MODEL                                                                | DET.<br>LISTS <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |             |
|                                                                                          |        | 3400                                                                 | SHT 5 OF 5                                                                        |             |