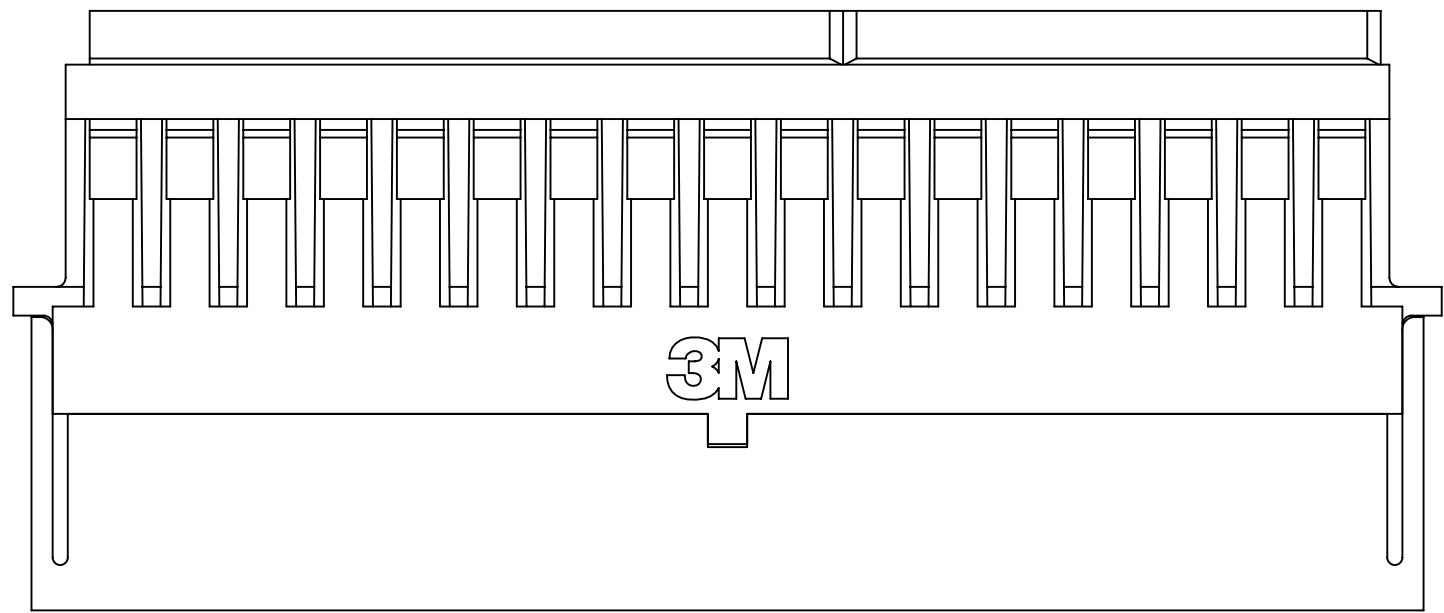
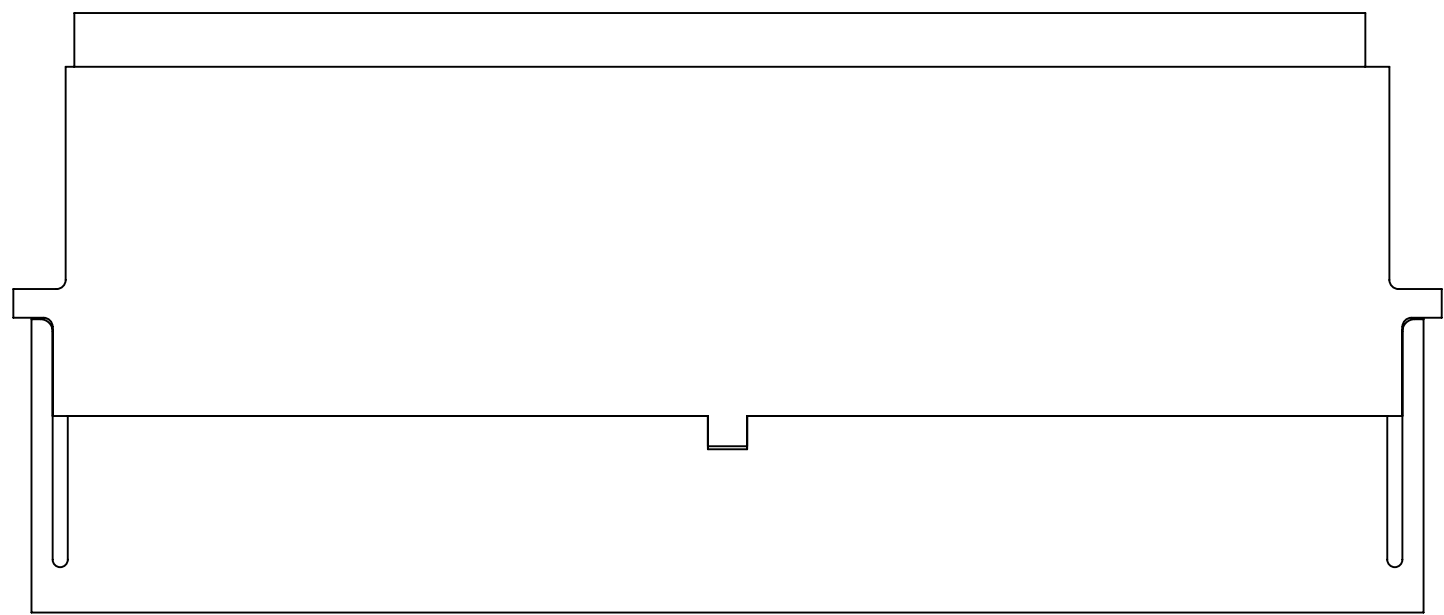


3M™ SHIELDED CONTROLLED IMPEDANCE (SCI)

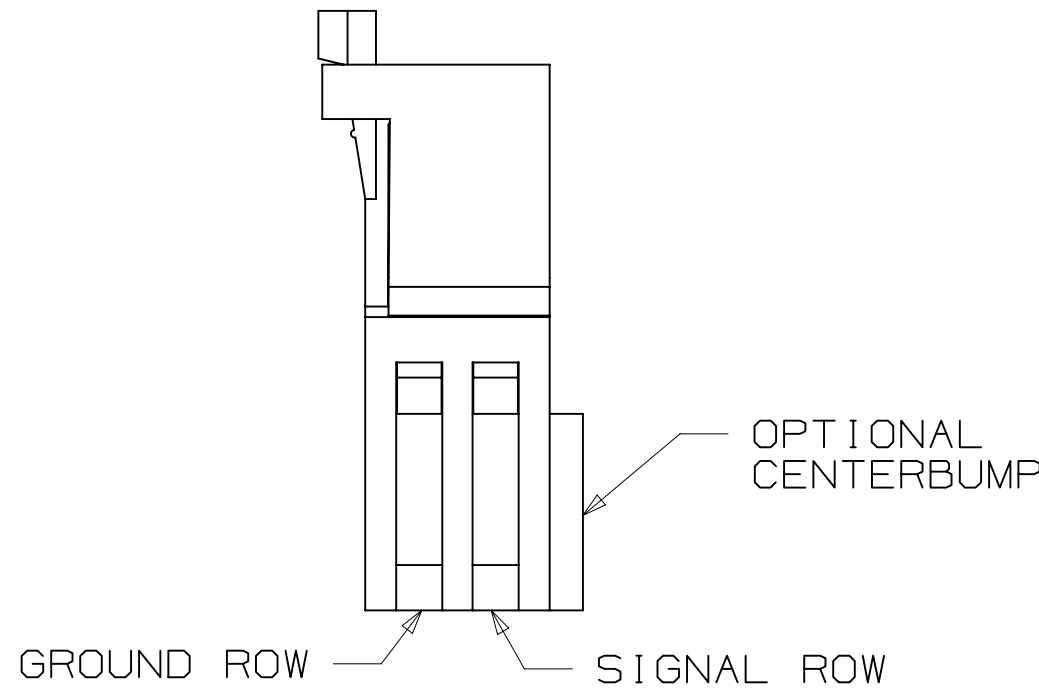
.100" ASSEMBLY HARDWARE



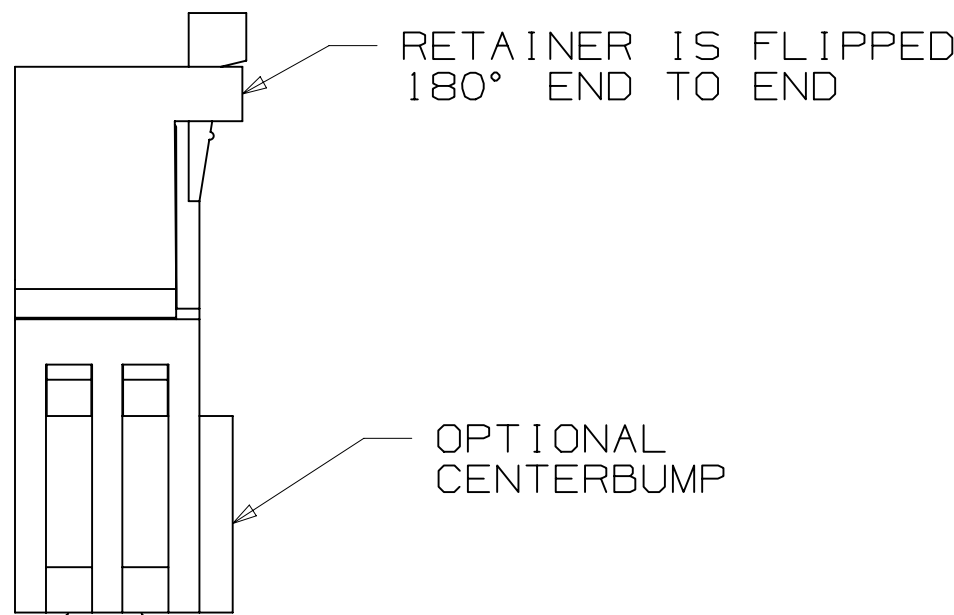
98XX-PSMO  
NORMAL "MO" RETENTION STYLE



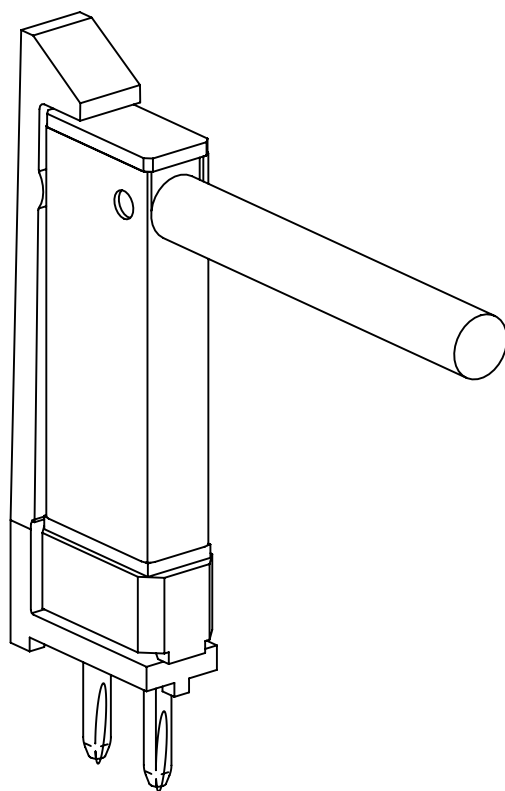
98XX-PSMR  
REVERSE "MR" RETENTION STYLE



SIGNAL ROW  
GROUND ROW



SIGNAL ROW  
GROUND ROW



NOTE:  
1) PIN STRIP LATCH IS FOR USE WITH  
.100 SCI, RIGHT ANGLE CONNECTOR  
TYPE 22 ONLY.  
(SEE TECH SHEET TS-0803)

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

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INFORMATION CALL 800-225-5373

2 ROW CARRIER HOUSING

- \* CARRIERS AVAILABLE IN 3M .100" X .100" (2.54MM X 2.54MM) SOCKET.
- \* COMPATIBLE WITH ALL 3M .100" X .100" (2.54MM X 2.54MM) HEADERS.
- \* AVAILABLE IN SHORT OR LONG LATCH STYLES. CHECK STYLE FOR MATCH.

3 X 7 CARRIER HOUSING

- \* INTEGRAL LOCKING FEATURE.
- \* INCLUDES TWO RETENTION CLIPS.

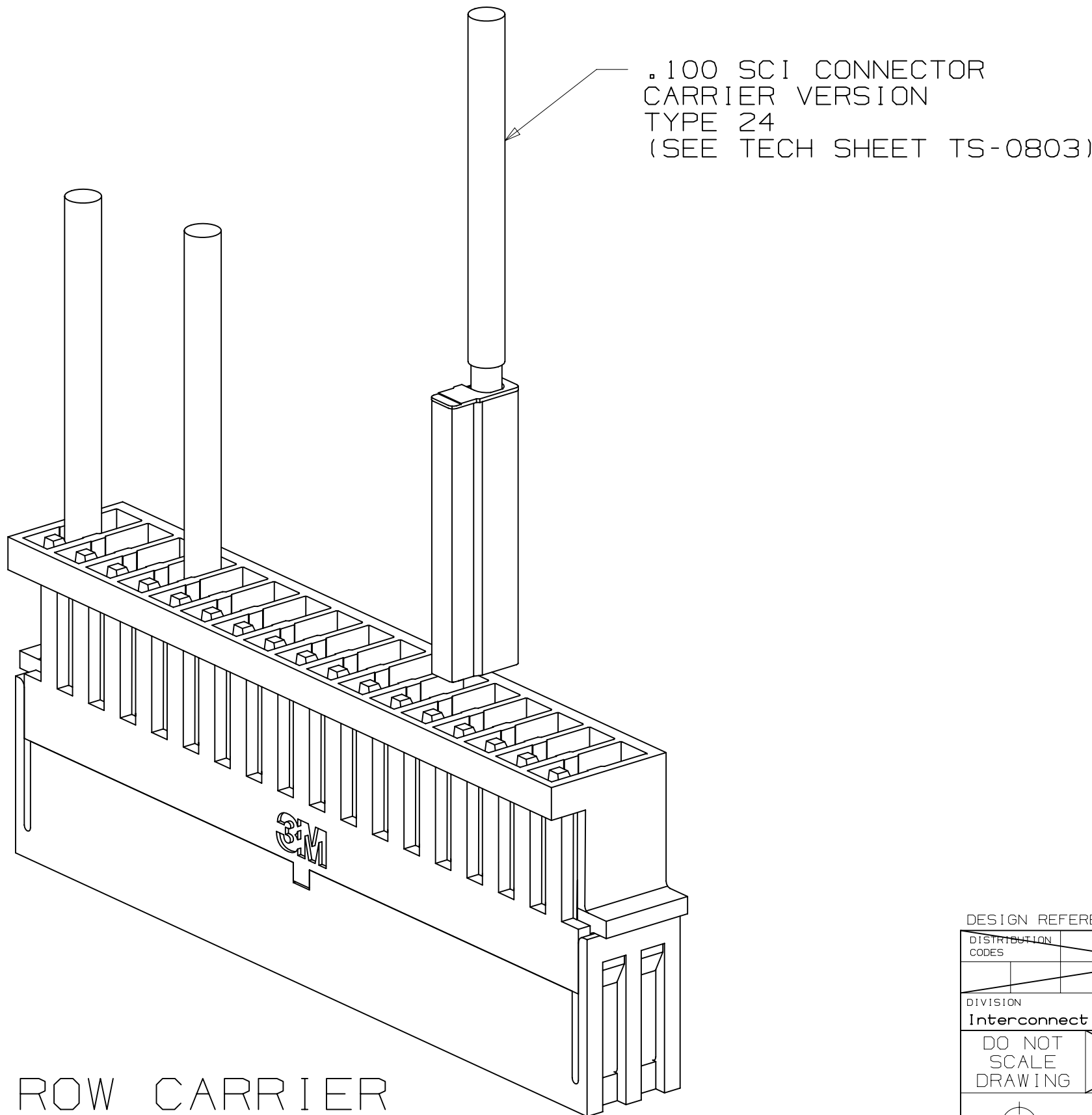
PIN STRIP LATCH

- \* AVAILABLE FOR THE RIGHT ANGLE SCI CONNECTOR.
- \* RoHS COMPLIANT

PHYSICAL :

INSULATION MATERIAL:

- 2 ROW CARRIER: POLYCARBONATE
- 3 X 7 CARRIER: GLASS REINFORCED POLYESTER
- COLOR: BLACK
- FLAMMABILITY: UL 94V-0
- MARKINGS: 3M LOGO
- CONTACTS: COPPER ALLOY



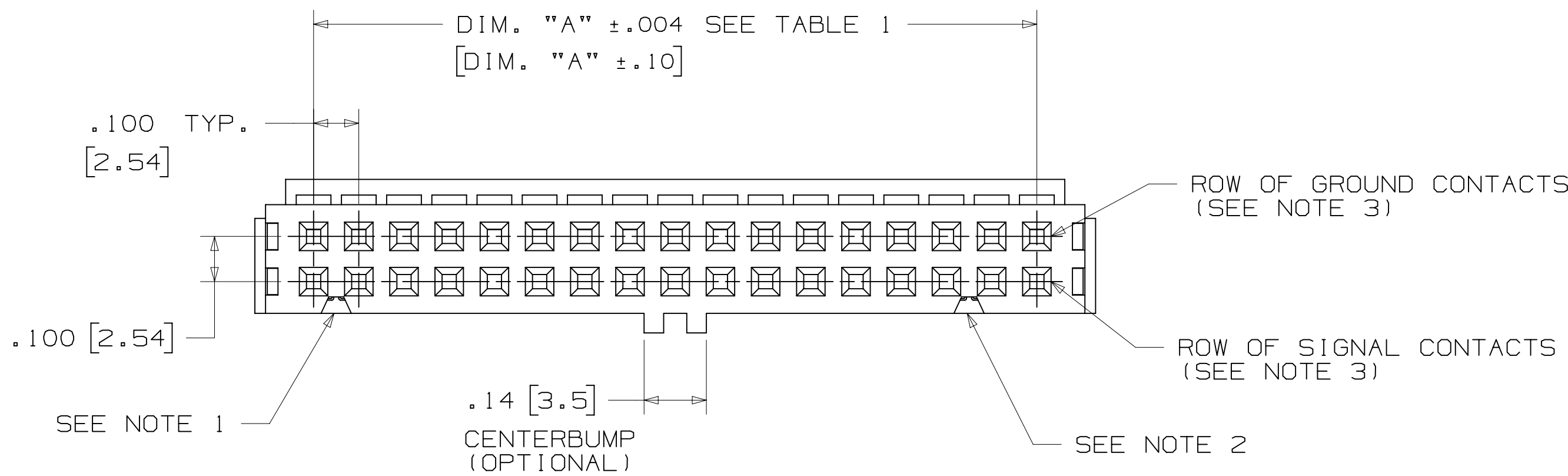
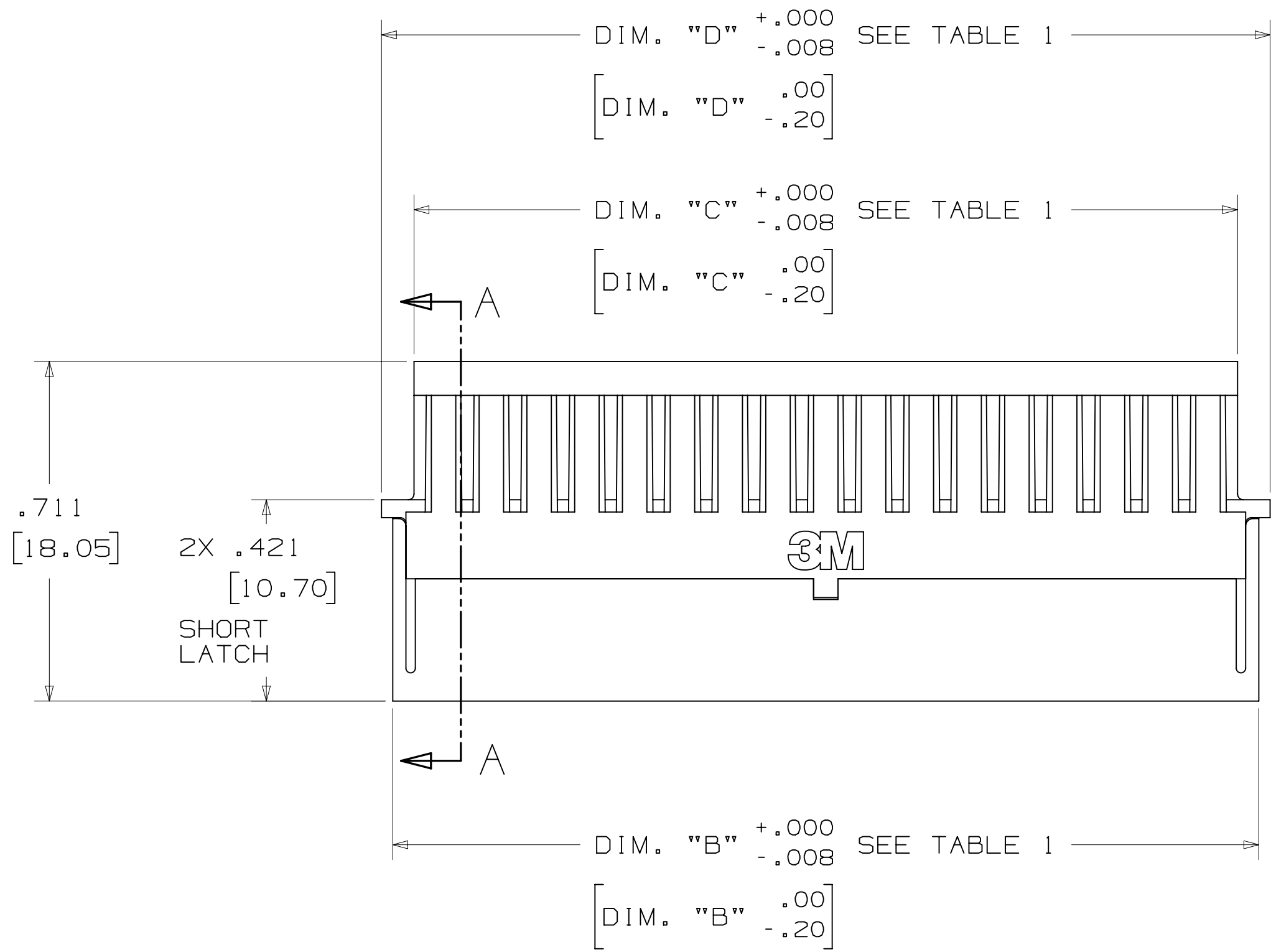
2 ROW CARRIER

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.

|                        |  |                                 |  |             |      |                            |      |             |      |
|------------------------|--|---------------------------------|--|-------------|------|----------------------------|------|-------------|------|
| DESIGN REFERENCE       |  | NEXT ASSEMBLY                   |  | REV         | ECO  | ISSUE DATE AND DESCRIPTION |      | DRFT        | CHKD |
| DISTRIBUTION CODES     |  | DISTRIBUTION CODES              |  | DATE        | DATE | DATE                       | DATE | DATE        | DATE |
| DIVISION               |  | DIVISION CODE                   |  | DATE        | DATE | DATE                       | DATE | DATE        | DATE |
| Interconnect Solutions |  | ISD                             |  | DATE        | DATE | DATE                       | DATE | DATE        | DATE |
| DO NOT SCALE DRAWING   |  | TOLERANCES EXCEPT AS NOTED      |  | INCHES      |      | MILLIMETERS                |      | TITLE       |      |
| THIRD ANGLE PROJECTION |  | INTERPRET PER ASME Y14.5 - 1994 |  | .00 ± .01   |      | .000 ± .005                |      | .000 ± .000 |      |
| MAX SURFACE ROUGHNESS  |  | MAX SURFACES                    |  | .0 ± .3     |      | .00 ± .13                  |      | .000 ± .000 |      |
| MARKED ONLY            |  | ANGLES                          |  | CAGE NUMBER |      | SIZE                       |      | DRAWING NO. |      |
| 3M                     |  | 3M Center St. Paul, MN 55144    |  | D           |      | 78-5100-0802-8             |      | REV. B      |      |
| MODEL                  |  | LISTS                           |  | YES         |      | NO                         |      | SHT 1 OF 3  |      |

3M™ SHIELDED CONTROLLED IMPEDANCE (SCI)

.100" ASSEMBLY HARDWARE



ORDERING INFORMATION  
2 ROW CARRIER HOUSING

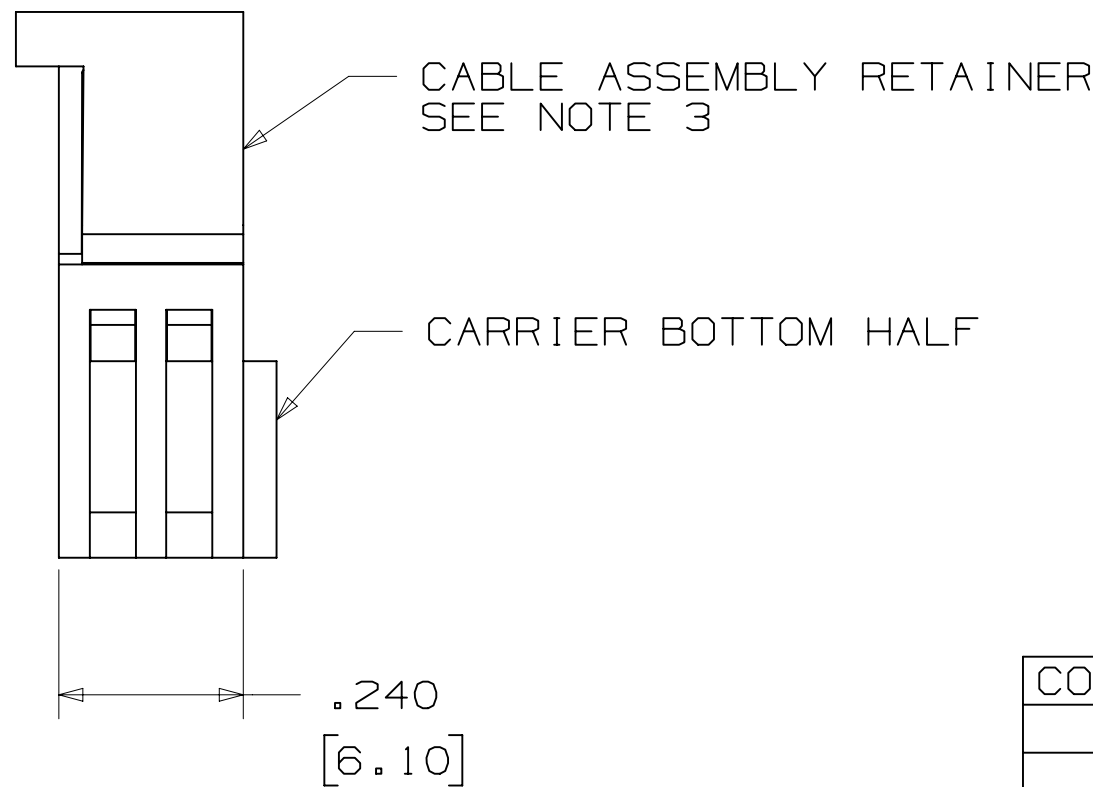
98XX-XXXX

CONTACT QTY.  
SEE TABLE 1

MOLDED RETENTION FEATURE:  
MO = NORMAL  
MR = REVERSE

CARRIER STYLE:  
PS = CENTERBUMP, SHORT LATCHES  
NS = NO CENTERBUMP, SHORT LATCHES  
PL = CENTERBUMP, LONG LATCHES  
NL = NO CENTERBUMP, LONG LATCHES

LOCKING WEDGE  
LOCKS "RELEASE LATCH"  
IN CLOSED POSITION



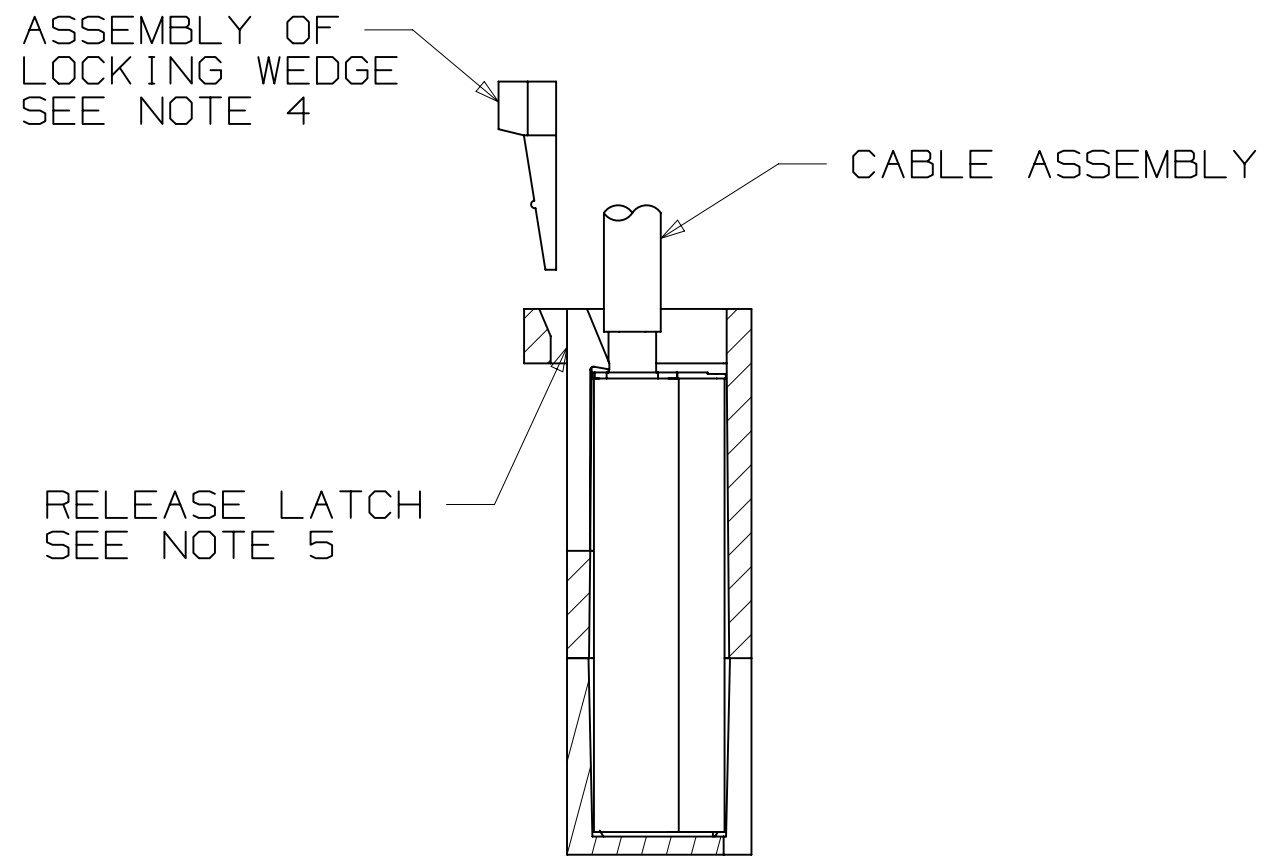
.559 [14.20]  
LONG LATCH

LONG LATCH CARRIER

TABLE 1: CARRIER POSITIONS

| CONTACT QTY. | DIM. "A"       | DIM. "B"       | DIM. "C"       | DIM. "D"       |
|--------------|----------------|----------------|----------------|----------------|
| 06           | .20 [ 5.08 ]   | .41 [ 10.48 ]  | .32 [ 8.22 ]   | .46 [ 11.68 ]  |
| 08           | .30 [ 7.62 ]   | .51 [ 13.02 ]  | .42 [ 10.76 ]  | .56 [ 14.22 ]  |
| * 10         | .40 [ 10.16 ]  | .61 [ 15.56 ]  | .52 [ 13.30 ]  | .66 [ 16.76 ]  |
| 12           | .50 [ 12.70 ]  | .71 [ 18.10 ]  | .62 [ 15.84 ]  | .76 [ 19.30 ]  |
| * 14         | .60 [ 15.24 ]  | .81 [ 20.64 ]  | .72 [ 18.38 ]  | .86 [ 21.84 ]  |
| * 16         | .70 [ 17.78 ]  | .91 [ 23.18 ]  | .82 [ 20.92 ]  | .96 [ 24.38 ]  |
| * 20         | .90 [ 22.86 ]  | 1.11 [ 28.26 ] | 1.02 [ 26.00 ] | 1.16 [ 29.46 ] |
| * 26         | 1.20 [ 30.48 ] | 1.41 [ 35.88 ] | 1.32 [ 33.62 ] | 1.46 [ 37.08 ] |
| 30           | 1.40 [ 35.56 ] | 1.61 [ 40.96 ] | 1.52 [ 38.70 ] | 1.66 [ 42.16 ] |
| * 34         | 1.60 [ 40.64 ] | 1.81 [ 46.04 ] | 1.72 [ 43.78 ] | 1.86 [ 47.24 ] |
| * 40         | 1.90 [ 48.26 ] | 2.11 [ 53.66 ] | 2.02 [ 51.40 ] | 2.16 [ 54.86 ] |
| * 50         | 2.40 [ 60.96 ] | 2.61 [ 66.36 ] | 2.52 [ 64.10 ] | 2.66 [ 67.56 ] |
| 60           | 2.90 [ 73.66 ] | 3.11 [ 79.06 ] | 3.02 [ 76.80 ] | 3.16 [ 80.26 ] |
| * 64         | 3.10 [ 78.74 ] | 3.31 [ 84.14 ] | 3.22 [ 81.88 ] | 3.36 [ 85.34 ] |

\* TOOLED POSITIONS: CONTACT 3M SALES FOR ADDITIONAL POSITIONS

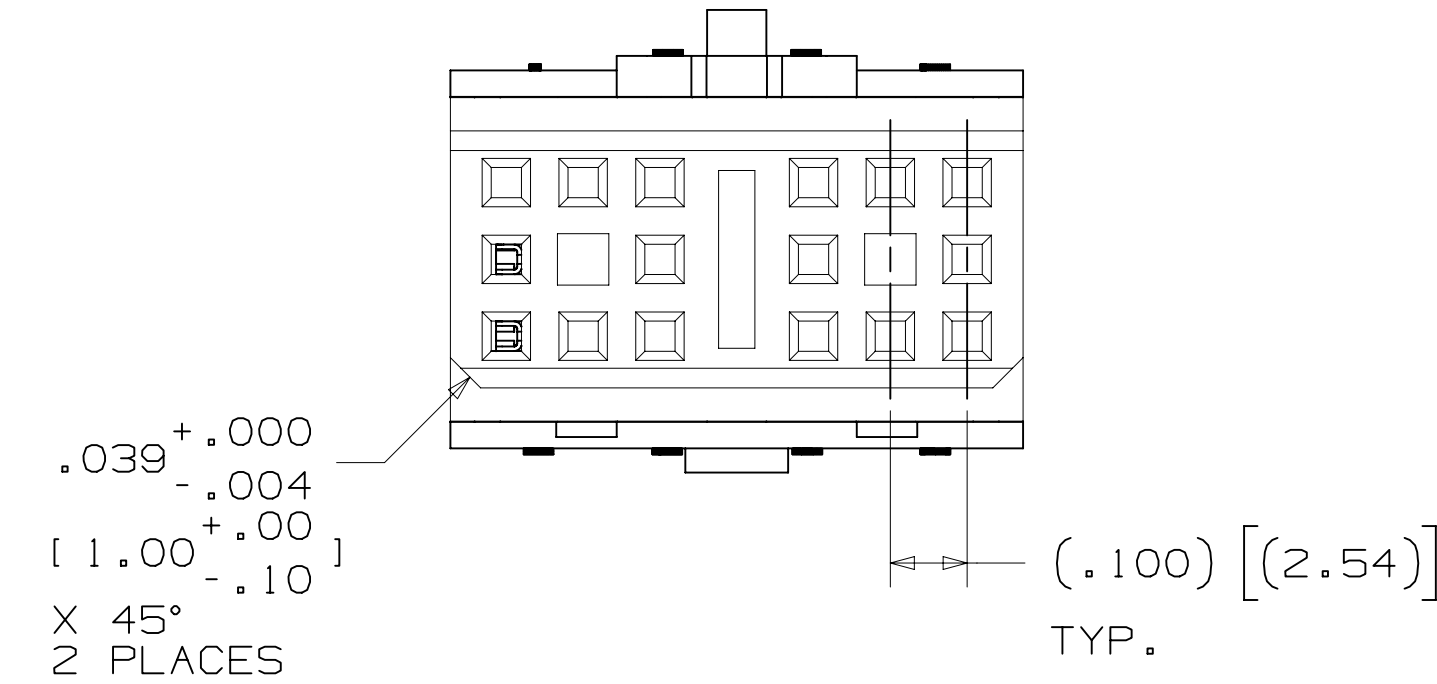
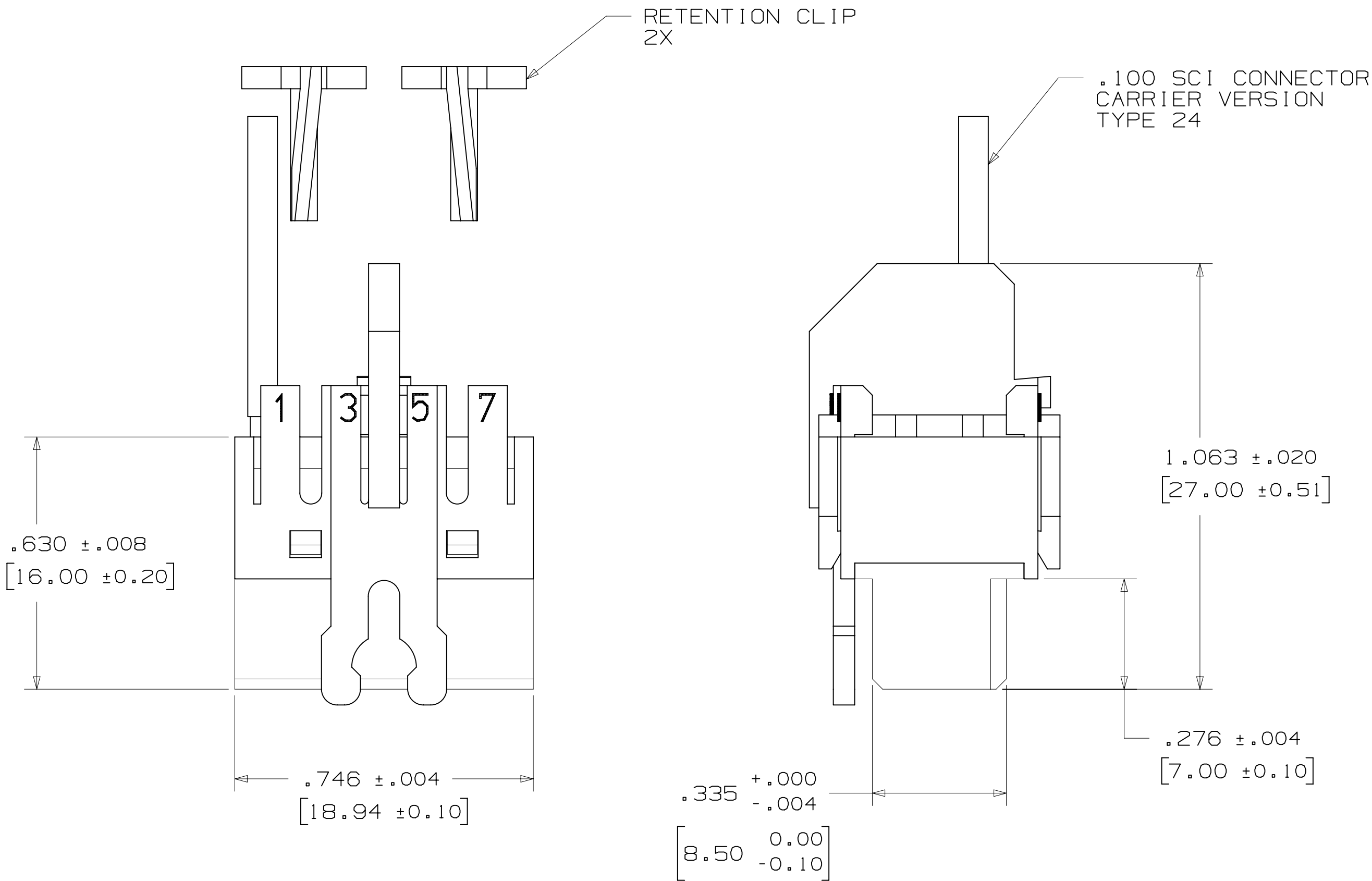
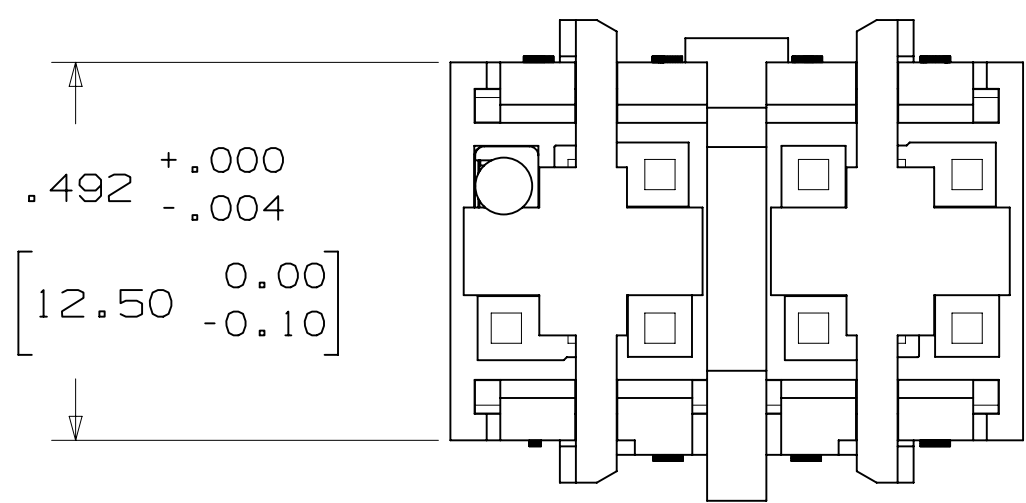


SECTION A - A

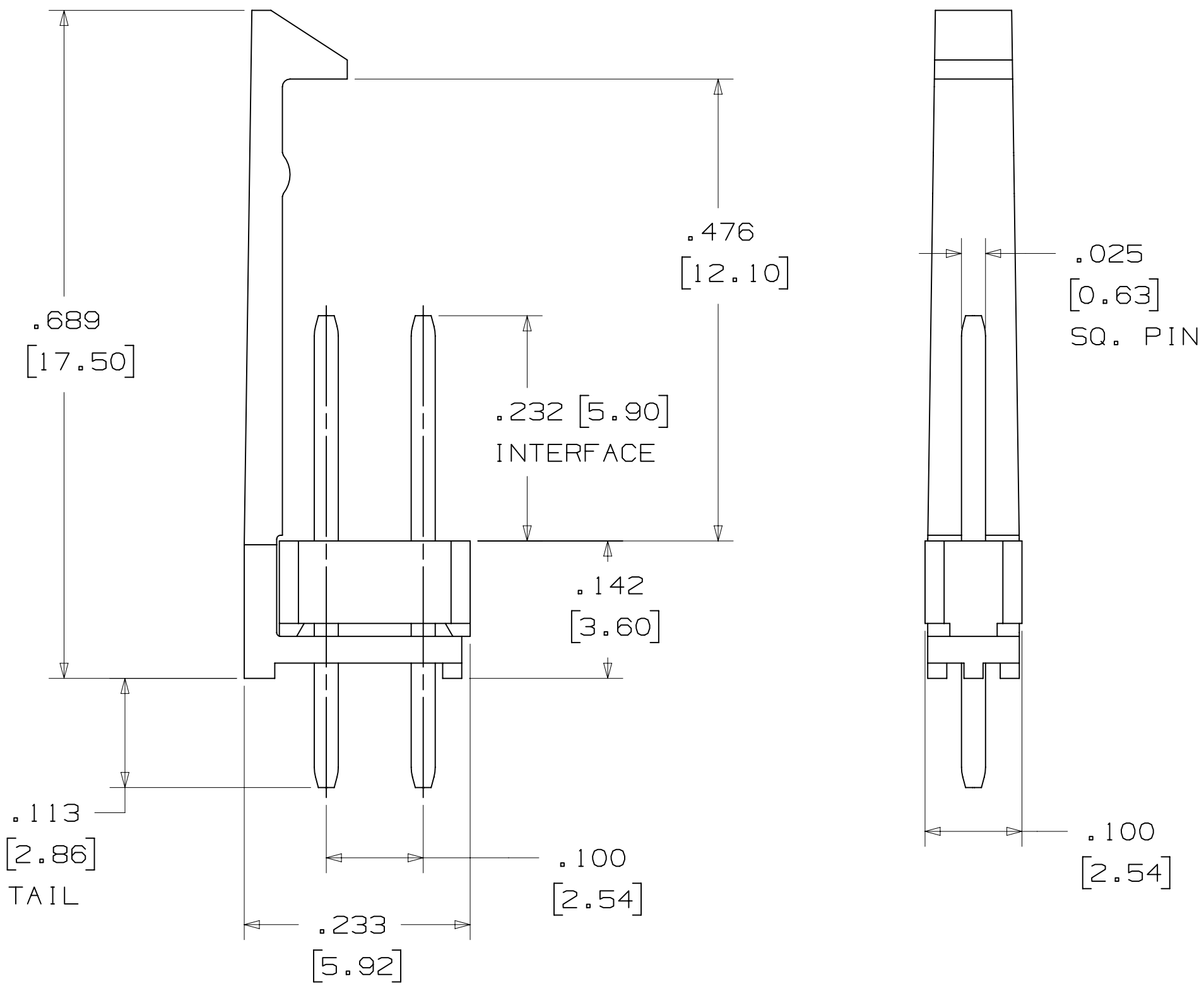
- NOTES
- 1 POLARIZING GROOVE OMITTED FOR POSITIONS 6 AND 8.
  - 2 POLARIZING GROOVE OMITTED FOR POSITIONS 6, 8, 10, 12 AND 14.
  - 3 THE NORMAL "MO" RETENTION STYLE IS ILLUSTRATED. FOR THE REVERSE "MR" RETENTION STYLE THE CABLE ASSEMBLY RETAINER IS FLIPPED 180° END TO END AND THE "SIGNAL" AND "GROUND" ROWS OF CONTACTS ARE ALSO REVERSED.
  - 4 OPTIONAL LOCKING WEDGE PREVENTS SCI REMOVAL. 25 POSITION (CUT TO LENGTH)
  - 5 RELEASE LATCH CAN BE MOVED WITH FINGERNAIL TO ALLOW REPLACEMENT OF SCI CABLE LINE.

|                                 |  |                            |  |             |  |                              |  |                            |  |                                                                                                                                                                                                                        |  |             |  |
|---------------------------------|--|----------------------------|--|-------------|--|------------------------------|--|----------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------|--|
| DESIGN REFERENCE                |  | NEXT ASSEMBLY              |  | REV         |  | ECO                          |  | ISSUE DATE AND DESCRIPTION |  | DRFT                                                                                                                                                                                                                   |  | CHKD        |  |
| DIVISION                        |  | DIVISION CODE              |  | DATE        |  | DATE                         |  | DATE                       |  | DATE                                                                                                                                                                                                                   |  | DATE        |  |
| Interconnect Solutions          |  | ISD                        |  | JAN 03,2013 |  | JAN 03,2013                  |  | JAN 03,2013                |  | JAN 03,2013                                                                                                                                                                                                            |  | JAN 03,2013 |  |
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| THIRD ANGLE PROJECTION          |  | INCHES                     |  | .0          |  | .01                          |  | .000                       |  | .005                                                                                                                                                                                                                   |  | .0000       |  |
| INTERPRET PER ASME Y14.5 - 1994 |  | MILLIMETERS                |  | 0           |  | .3                           |  | .00                        |  | .13                                                                                                                                                                                                                    |  | .000        |  |
| MAX SURFACE ROUGHNESS           |  | SURFACES                   |  | MARKED ONLY |  | ANGLES                       |  | CAGE NUMBER                |  | SIZE                                                                                                                                                                                                                   |  | DRAWING NO. |  |
|                                 |  |                            |  |             |  |                              |  | D 78-5100-0802-8           |  | B                                                                                                                                                                                                                      |  | REV.        |  |
|                                 |  |                            |  |             |  |                              |  | MODEL                      |  | DET                                                                                                                                                                                                                    |  | SHT 2 OF 3  |  |

3M™ SHIELDED CONTROLLED IMPEDANCE (SCI)  
.100" ASSEMBLY HARDWARE



ORDERING INFORMATION  
3 X 7 CARRIER HOUSING  
9821-5000



ORDERING INFORMATION  
PIN STRIP WITH LATCH  
2402-3505 RC

|                        |  |                                 |  |             |  |                              |  |                                     |  |                                                                                                                                                                                                                        |  |             |  |
|------------------------|--|---------------------------------|--|-------------|--|------------------------------|--|-------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------|--|
| DESIGN REFERENCE       |  | NEXT ASSEMBLY                   |  | REV         |  | ECO                          |  | ISSUE DATE AND DESCRIPTION          |  | DRFT                                                                                                                                                                                                                   |  | CHKD        |  |
| DIVISION               |  | DIVISION CODE                   |  | DATE        |  | DATE                         |  | DATE                                |  | DATE                                                                                                                                                                                                                   |  | DATE        |  |
| Interconnect Solutions |  | ISD                             |  | JAN 03,2013 |  | JAN 03,2013                  |  | JAN 03,2013                         |  | JAN 03,2013                                                                                                                                                                                                            |  | JAN 03,2013 |  |
| DO NOT SCALE DRAWING   |  | TOLERANCES EXCEPT AS NOTED      |  | INCHES      |  | MILLIMETERS                  |  | 0 ±                                 |  | 0 ±                                                                                                                                                                                                                    |  | 0 ±         |  |
| THIRD ANGLE PROJECTION |  | INTERPRET PER ASME Y14.5 - 1994 |  | .00 ±       |  | .01 ±                        |  | .000 ±                              |  | .005 ±                                                                                                                                                                                                                 |  | .000 ±      |  |
| MAX SURFACE ROUGHNESS  |  | SURFACES                        |  | .00 ±       |  | .13 ±                        |  | .000 ±                              |  | .000 ±                                                                                                                                                                                                                 |  | .000 ±      |  |
| MARKED ONLY            |  | ANGLES                          |  | CAGE NUMBER |  | SIZE                         |  | DRAWING NO.                         |  | REV.                                                                                                                                                                                                                   |  | DET         |  |
|                        |  |                                 |  | B 44714     |  | JAN 03,2013                  |  | JNC                                 |  | RS                                                                                                                                                                                                                     |  | SHT 3 OF 3  |  |
|                        |  |                                 |  | CASTIGLIONE |  | R. SCHERER                   |  | ASSEMBLY HARDWARE, .100 SCI CARRIER |  | D 78-5100-0802-8                                                                                                                                                                                                       |  | B           |  |
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- Техническую поддержку проекта.
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