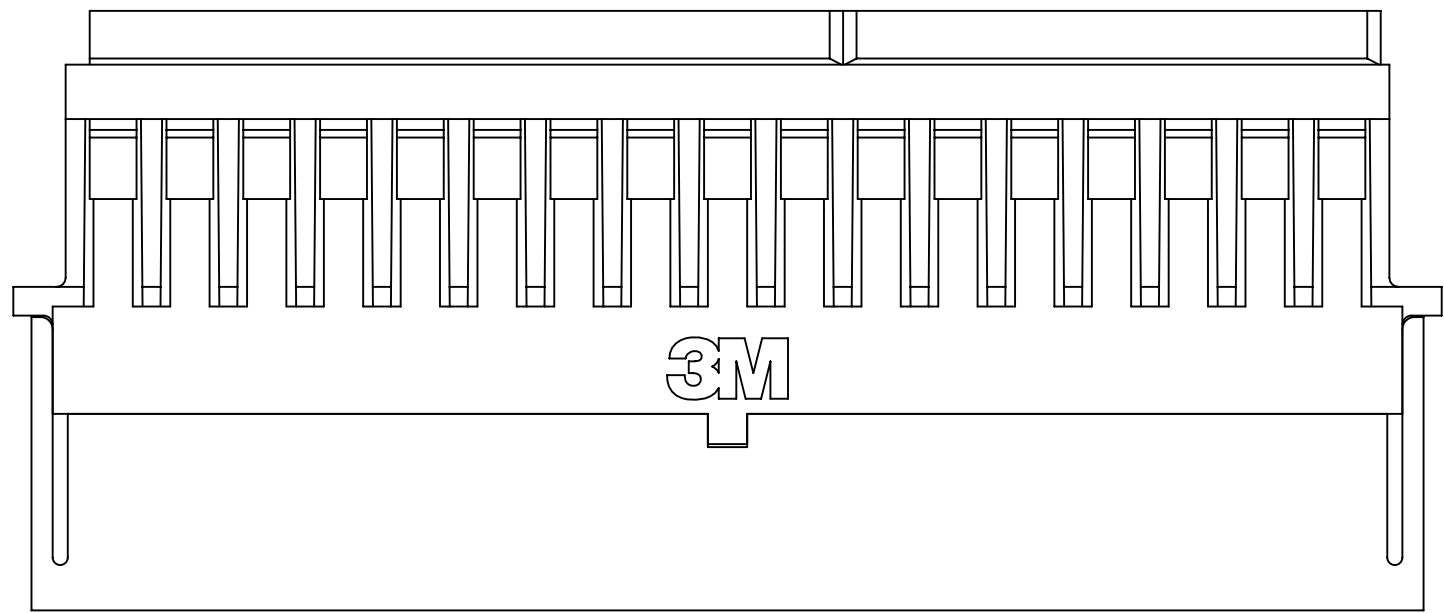
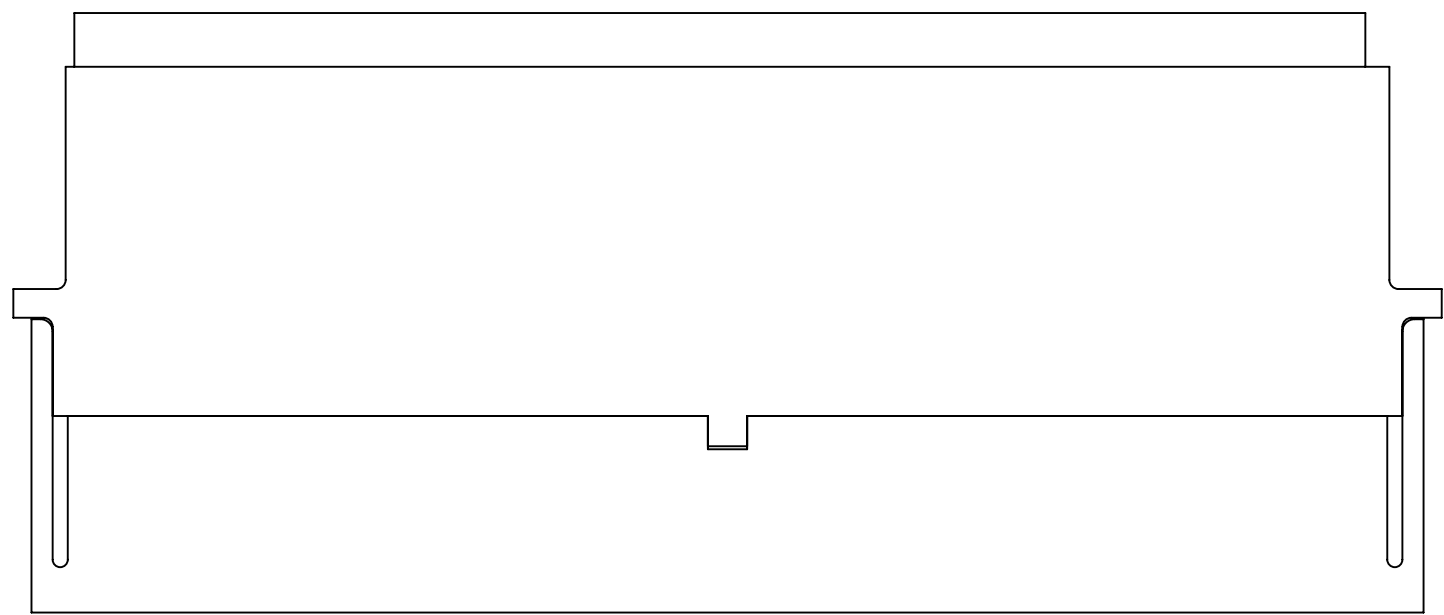


3M™ SHIELDED CONTROLLED IMPEDANCE (SCI)

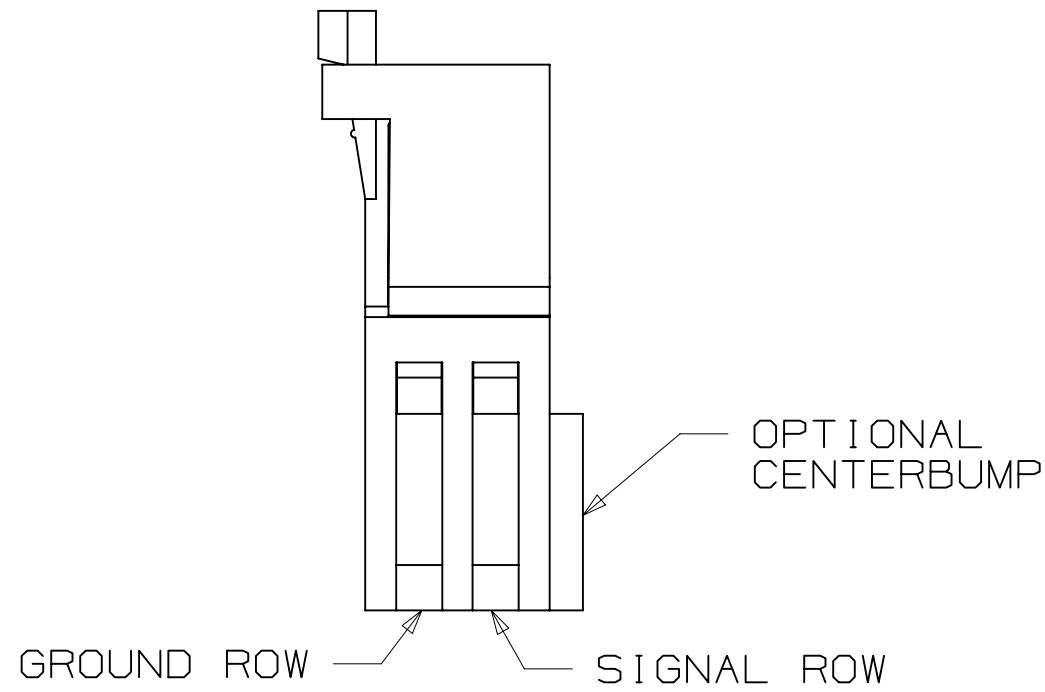
.100" ASSEMBLY HARDWARE



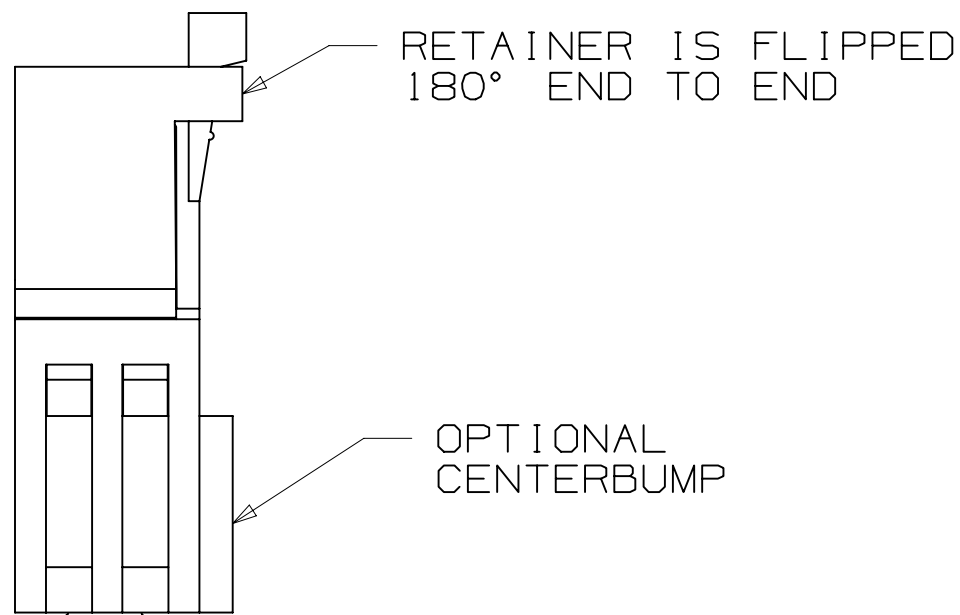
98XX-PSMO
NORMAL "MO" RETENTION STYLE



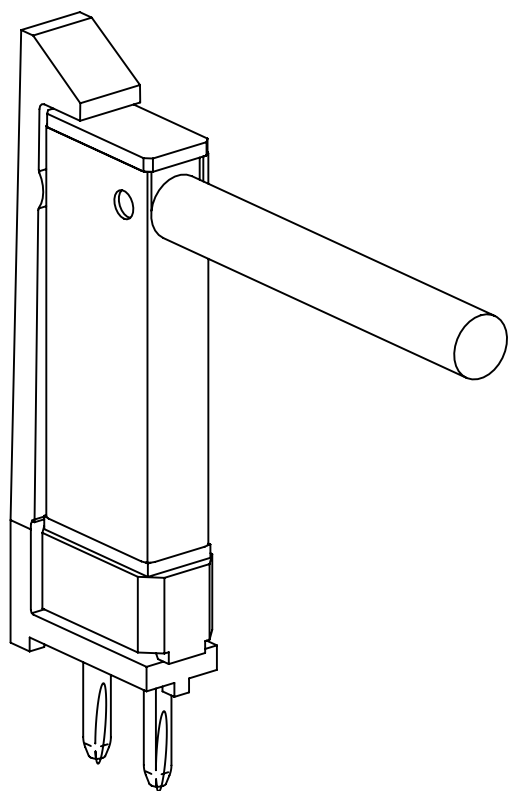
98XX-PSMR
REVERSE "MR" RETENTION STYLE



SIGNAL ROW
GROUND ROW



OPTIONAL
CENTERBUMP



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>

3M IS A TRADEMARK OF 3M COMPANY.
FOR TECHNICAL, SALES OR ORDERING
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.

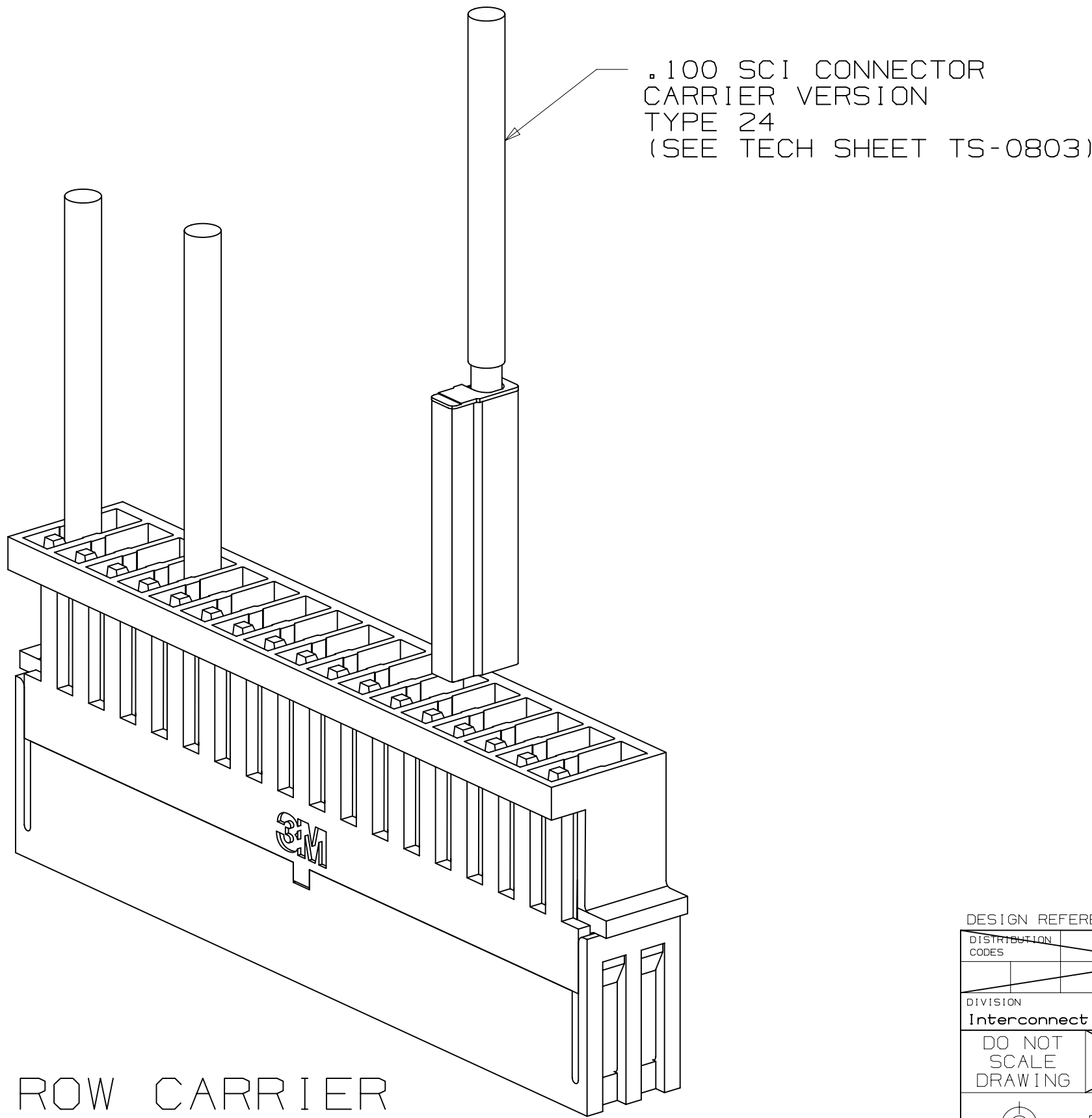
PIN STRIP LATCH

- * 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



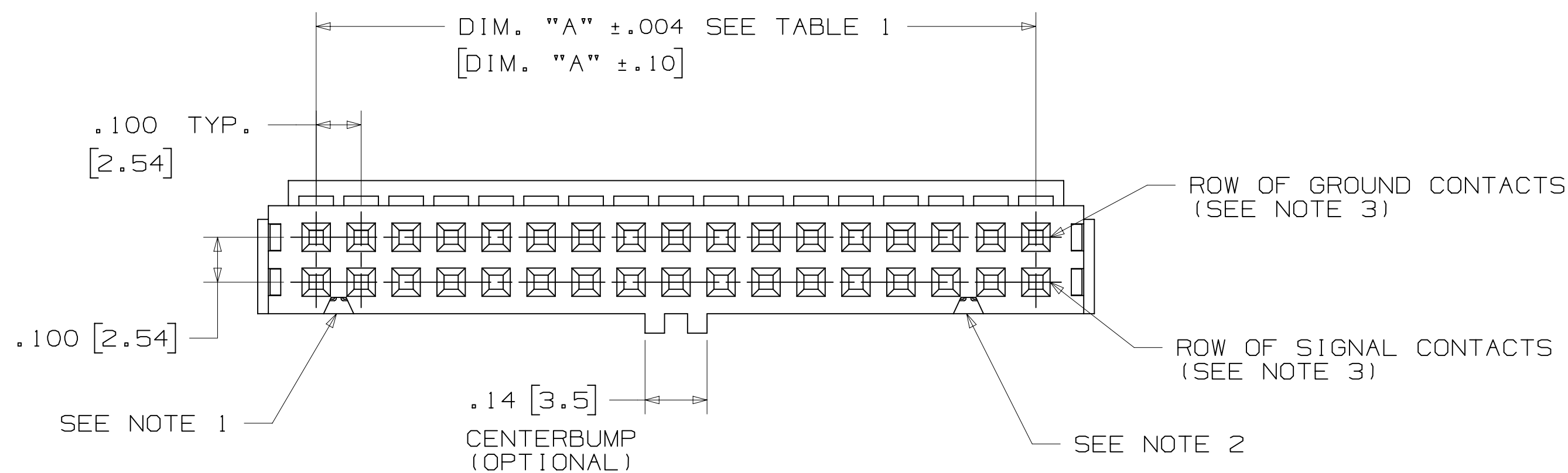
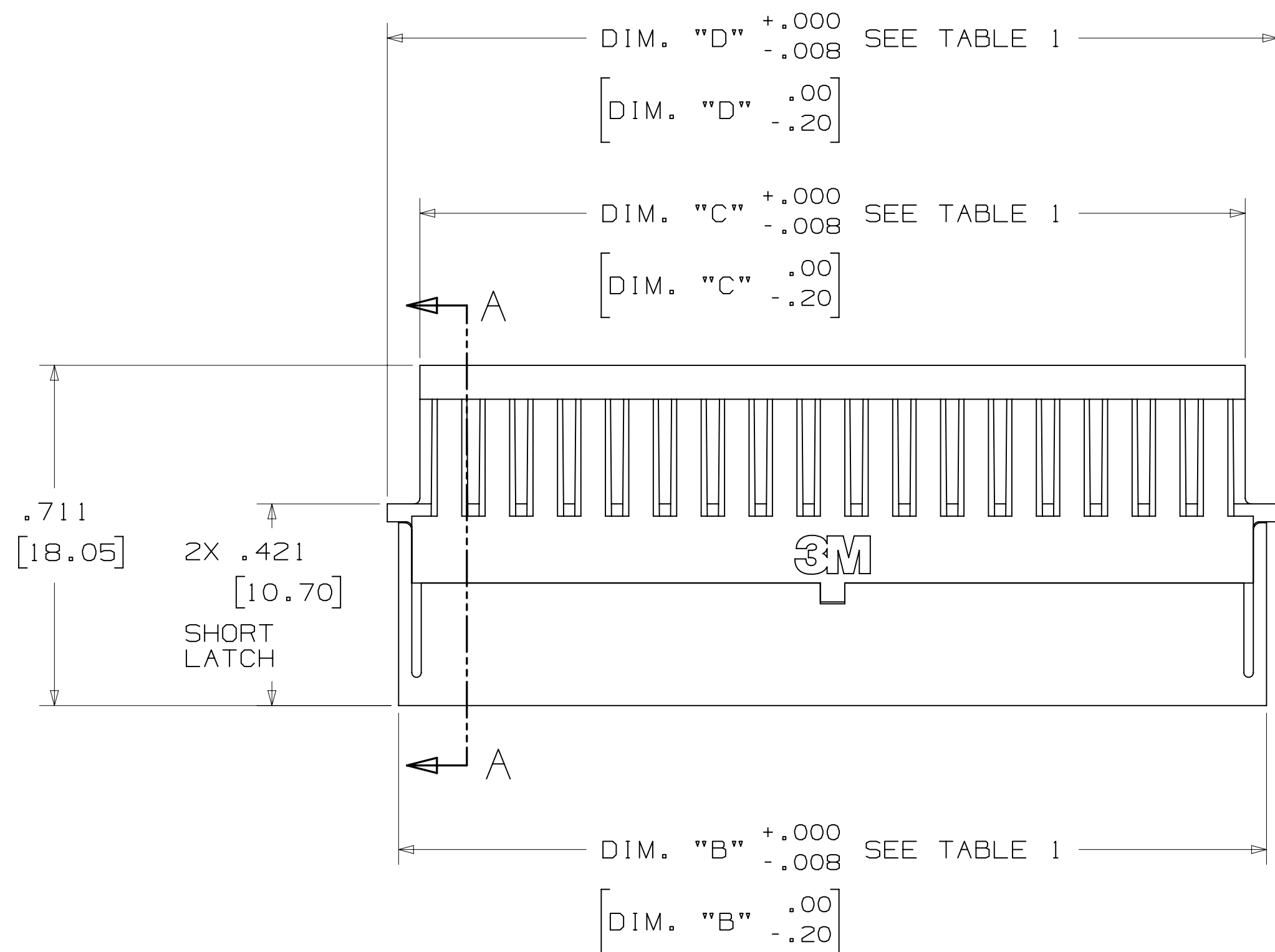
2 ROW CARRIER

1. REGULATORY INFORMATION:
ROHS COMPLIANT. SEE THE
REGULATORY INFORMATION
APPENDIX (RIA) IN THE
"ROHS COMPLIANCE" SECTION
OF WWW.3MCONNECTORS.COM 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		3M		© 3M COPYRIGHT 2013 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.			
THIRD ANGLE PROJECTION		INCHES		0.00 ± .01		ASSEMBLY HARDWARE, .100 SCI CARRIER			
INTERPRET PER ASME Y14.5 - 1994		MILLIMETERS		0.00 ± .005		CAGE NUMBER			
MAX SURFACE ROUGHNESS		0.00 ± .000		0.00 ± .000		DRAWING NO.			
MARKED SURFACES		0.00 ± .000		0.00 ± .000		REV.			
MARKED ONLY		0.00 ± .000		0.00 ± .000		MODEL			
0.00 ± .000		0.00 ± .000		0.00 ± .000		DET			
0.00 ± .000		0.00 ± .000		0.00 ± .000		YES			
0.00 ± .000		0.00 ± .000		0.00 ± .000		NO			
0.00 ± .000		0.00 ± .000		0.00 ± .000		SHT 1 OF 3			

3M™ SHIELDED CONTROLLED IMPEDANCE (SCI)

• 100" ASSEMBLY HARDWARE



ORDERING INFORMATION

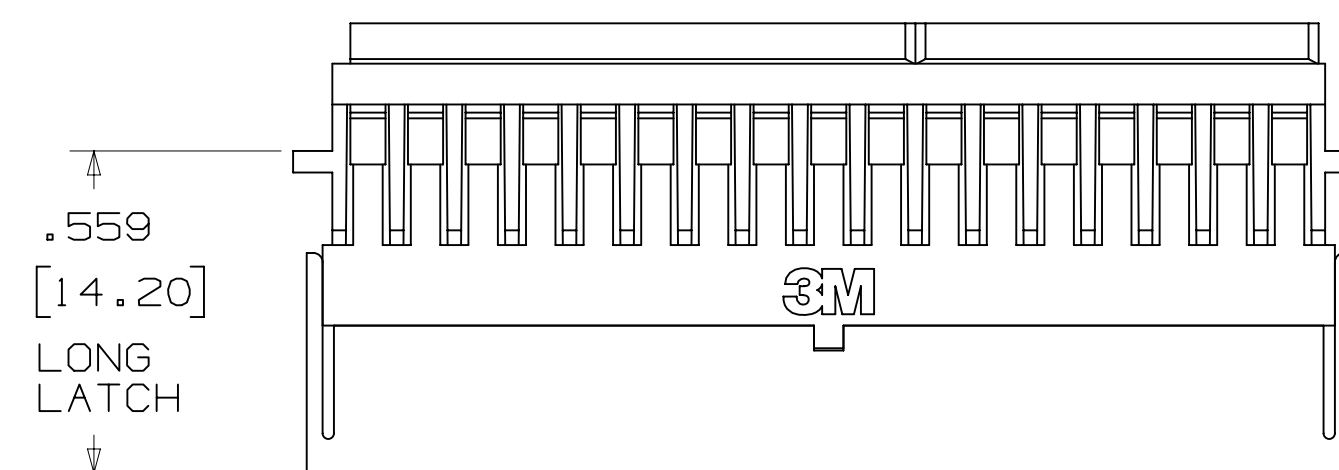
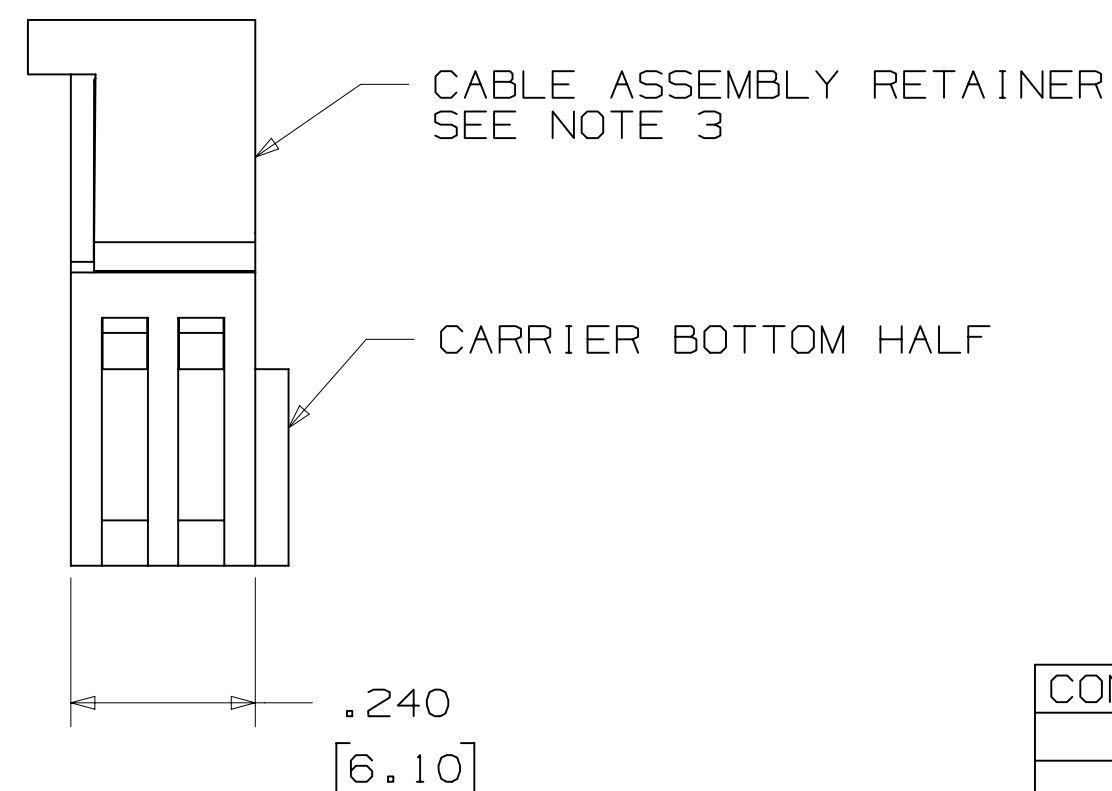
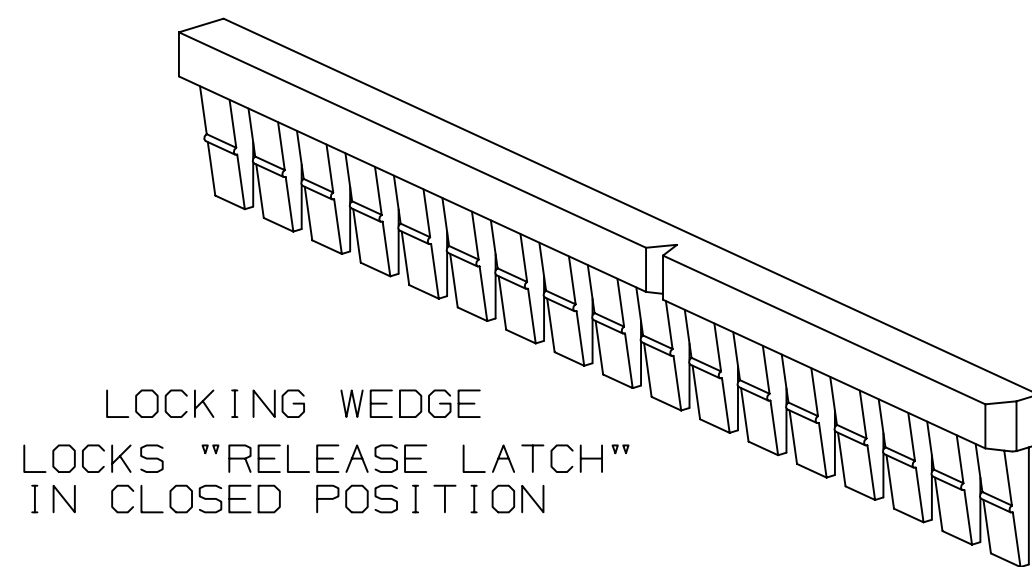
2 ROW CARRIER HOUSING

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

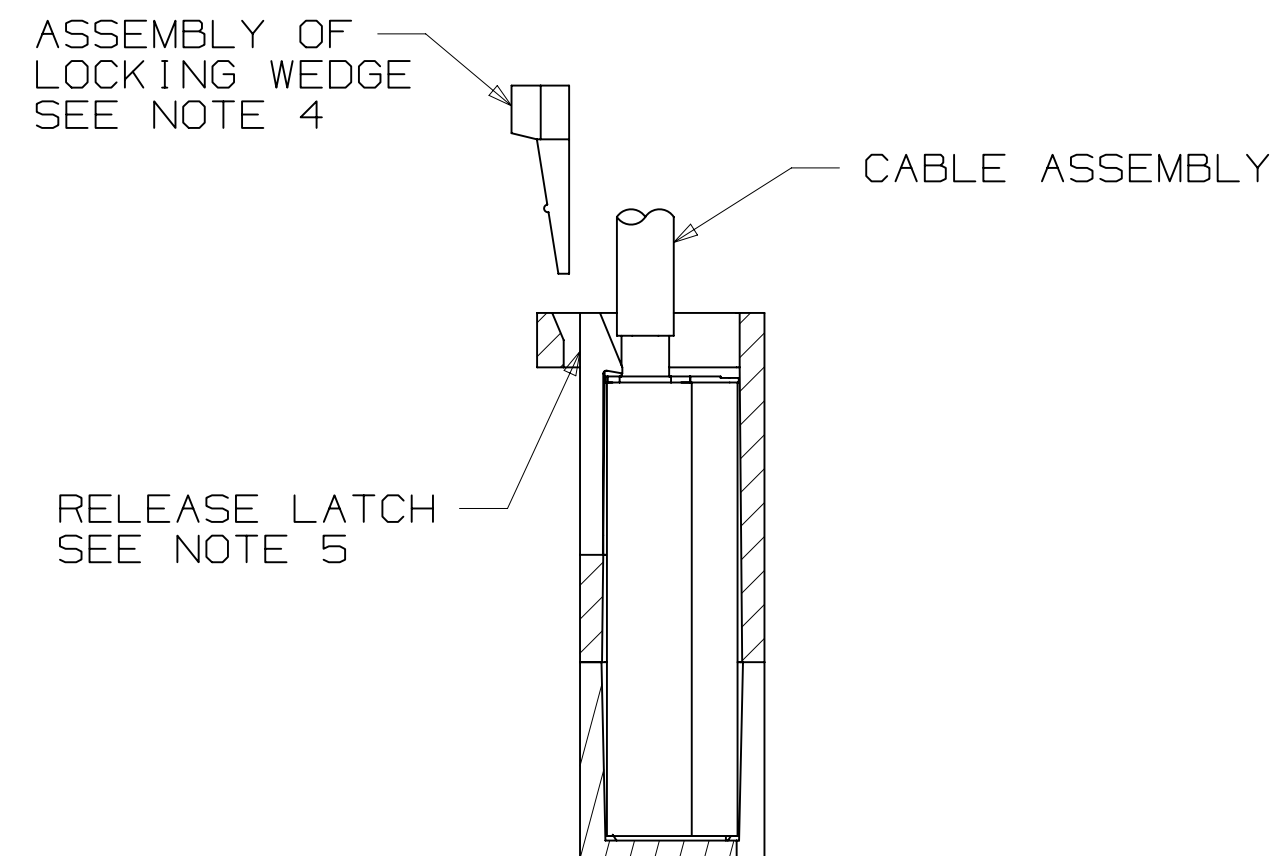


LONG LATCH CARRIER

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]

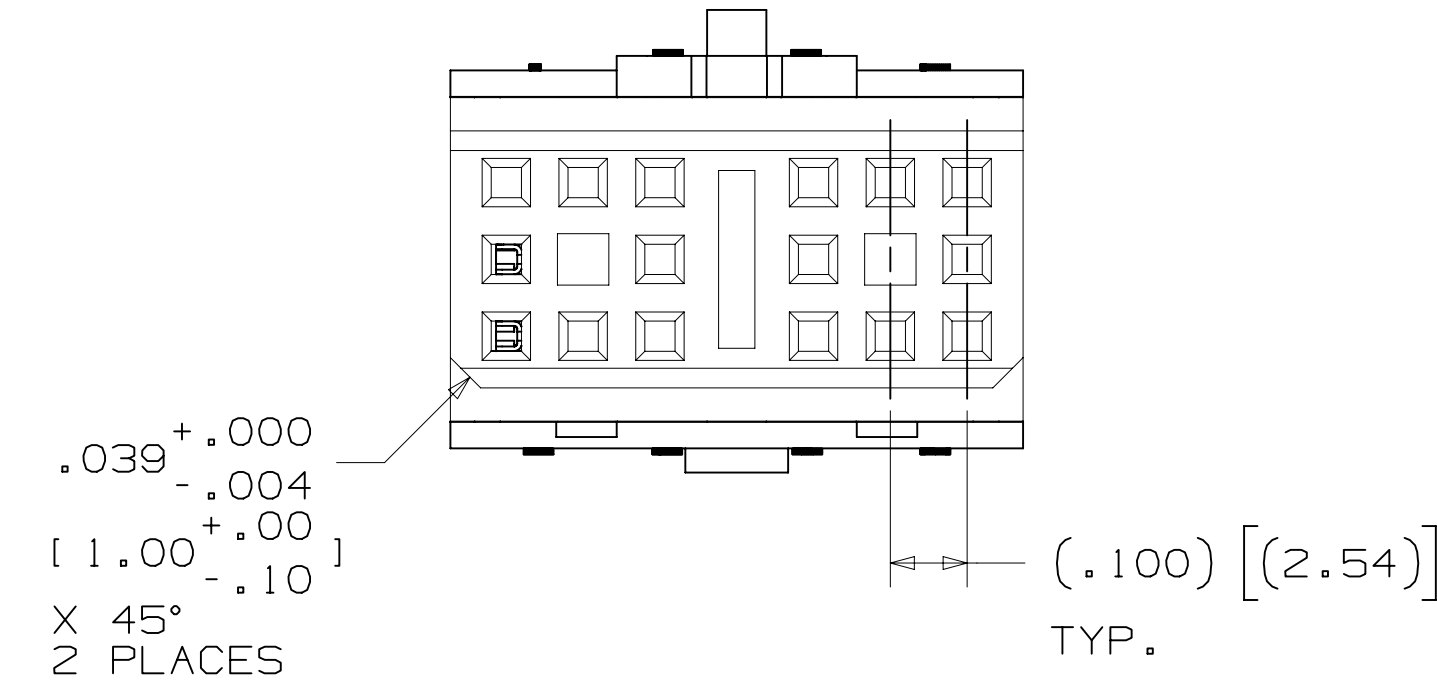
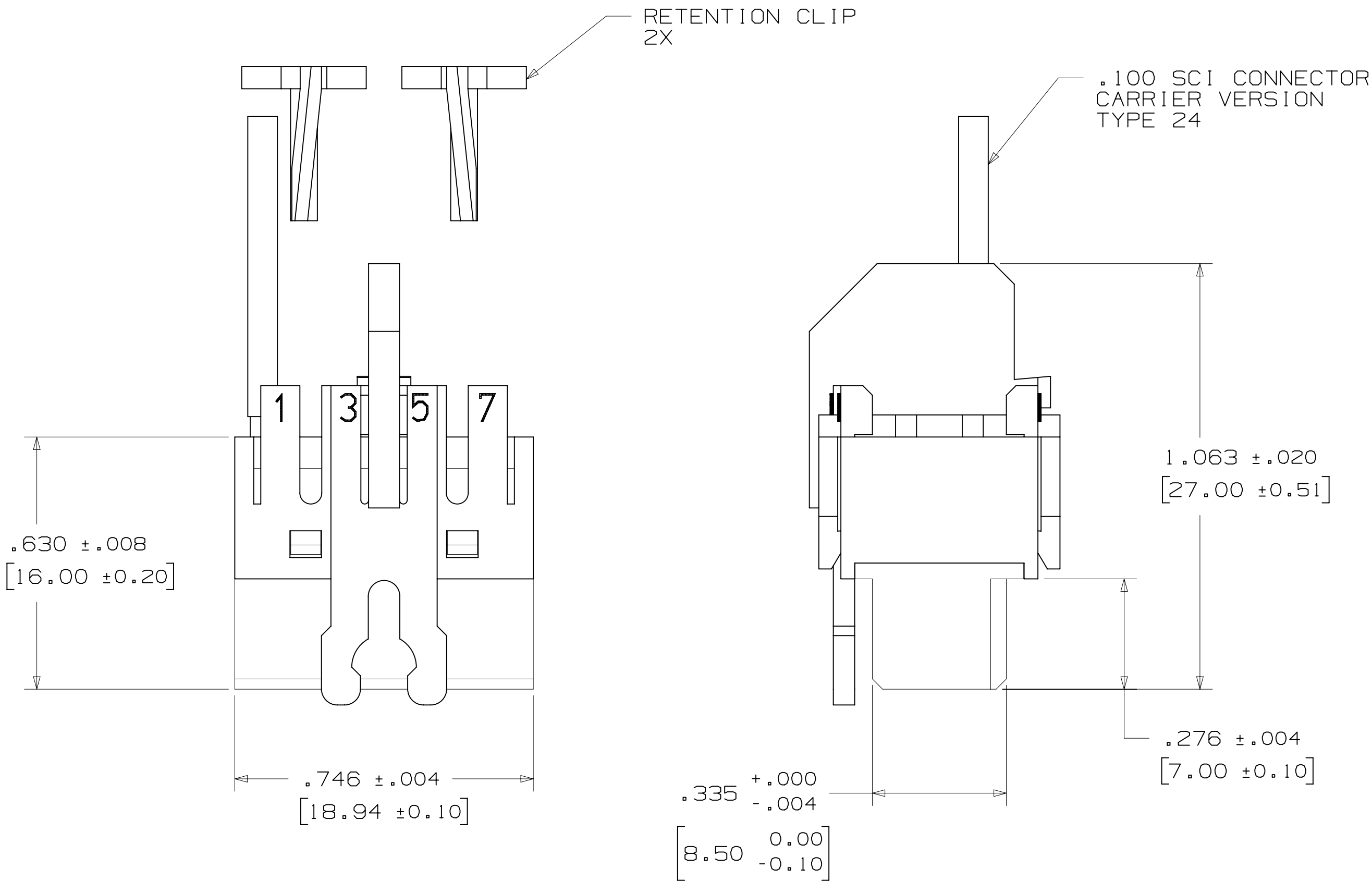
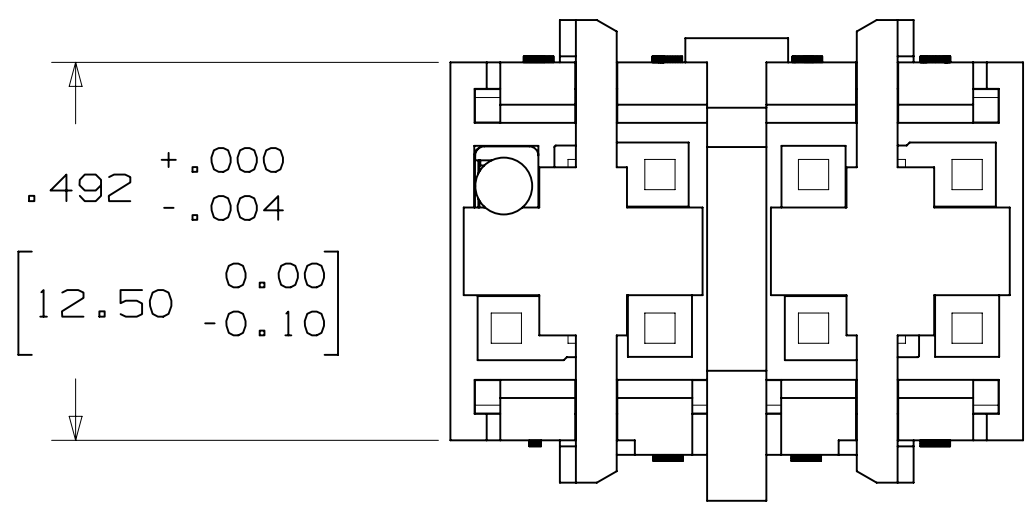
* TOOLED POSITIONS: CONTACT 3M SALES FOR ADDITIONAL POSITIONS



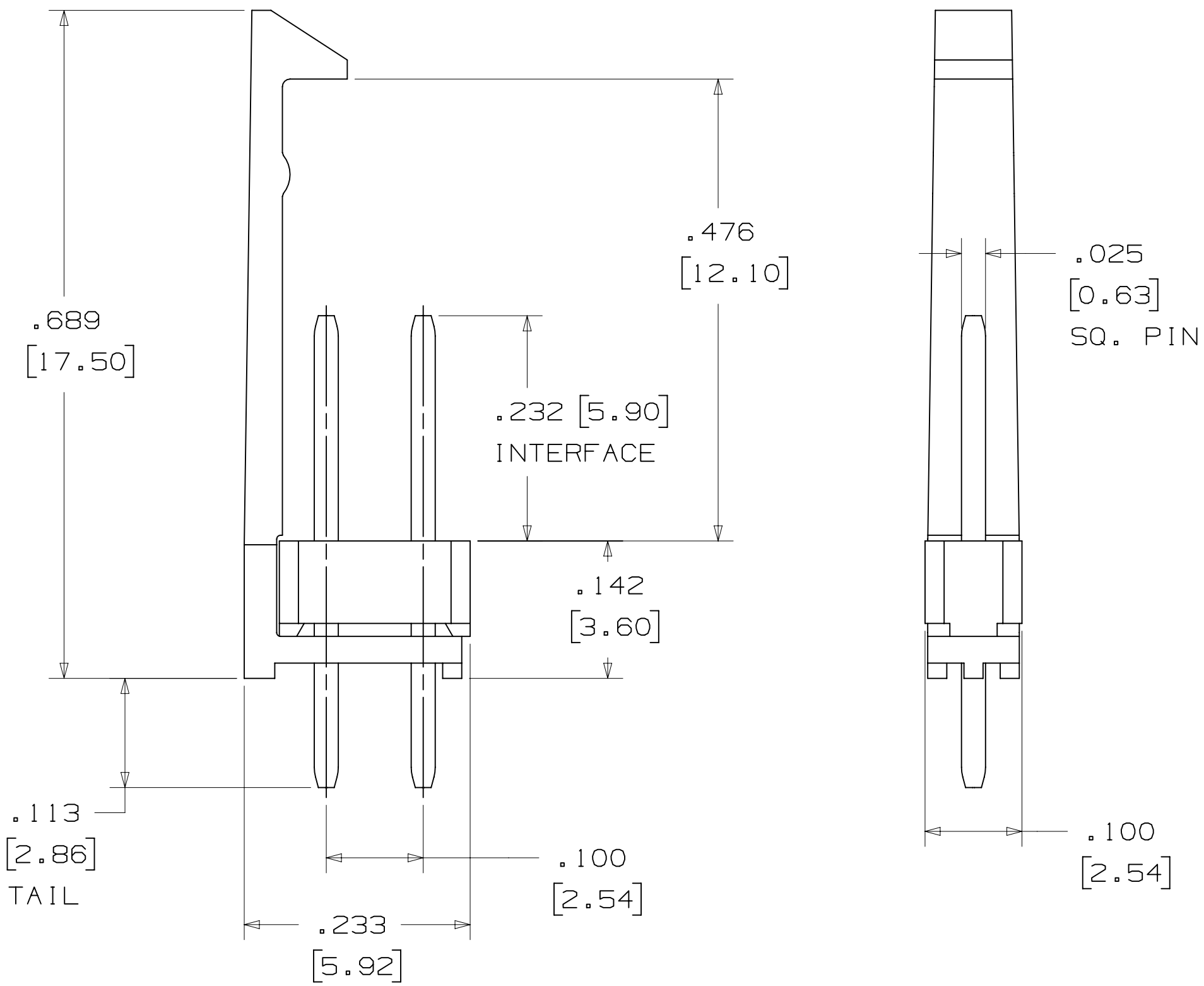
SECTION A - A

DIVISION Interconnect Solutions DO NOT SCALE DRAWING		DIVISION CODE 150 TOLERANCES EXCEPT AS NOTED INCHES .0 .00 ± .01 .000 ± .005 .0000 ±		JAN 03, 2013 REVISED AND REDRAWN DATE JAN 03, 2013 APPROVAL R. SCHERER		JNC RSC DATE JAN 03, 2013	
THIRD ANGLE PROJECTION INTERPRET PER ASME Y14.5 - 1994 MAX. SURFACE ROUGHNESS 12.5 µm ☒ SURFACES ONLY		MILLIMETERS 0 .1 ± .3 .00 ± .13 .000 ±		TITLE ASSEMBLY HARDWARE , .100 SCI CARRIER		© 3M COPYRIGHT 2013 This document and its information is 3M property and may not be reproduced or further distributed without the written permission or use or disclosed otherwise for 3M authorized purposes. All rights reserved.	
B 44714 REV ECO ISSUE DATE AND DESCRIPTION DATE DATE DATE		DRGT CASTIGLIONE CHKD		MFG DATE DATE DATE		DRFT DATE DATE DATE	
CAGE NUMBER D 78-5100-0802-8		SIZE B		DRAWING NO. 78-5100-0802-8		REV. B	
MODEL DET LISTS		YES YES		NO NO		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	DATE
Interconnect Solutions		ISD		CASTIGLIONE	JAN 03,2013	R. SCHERER	JAN 03,2013		
DO NOT SCALE DRAWING		TOLERANCES EXCEPT AS NOTED		3M		© 3M COPYRIGHT 2013 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.			
THIRD ANGLE PROJECTION		INCHES		.00 ±.01		ASSEMBLY HARDWARE, .100 SCI CARRIER			
INTERPRET PER ASME Y14.5 - 1994		MILLIMETERS		.00 ±.13		CAGE NUMBER D78-5100-0802-8			
MAX SURFACE ROUGHNESS		SURFACES		.000 ±		MODEL			
MARKED ONLY		ANGLES		YES		SHT 3 OF 3			