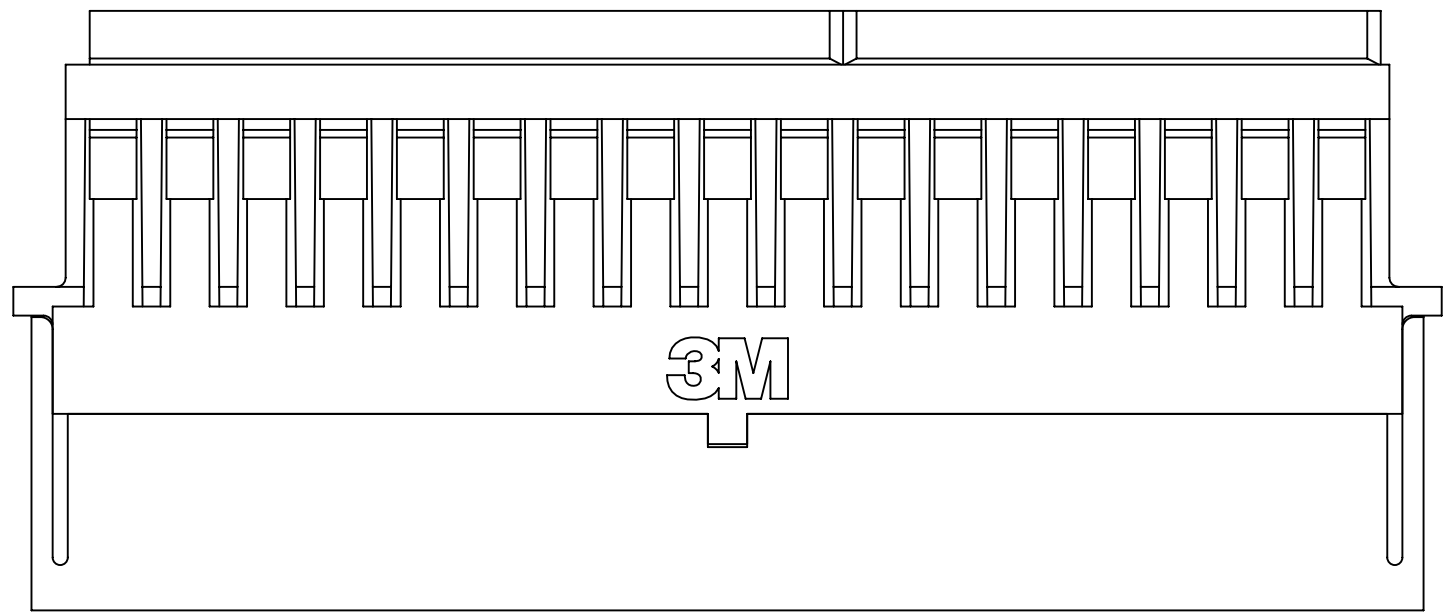
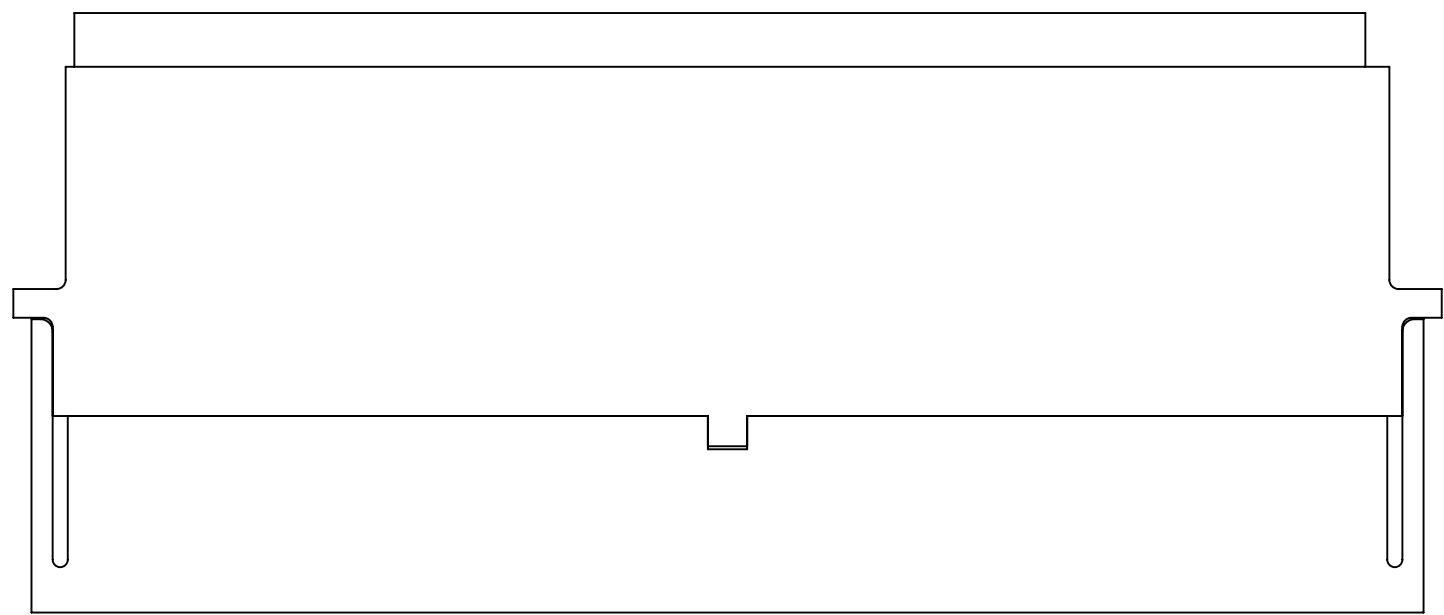


3M™ SHIELDED CONTROLLED IMPEDANCE (SCI)

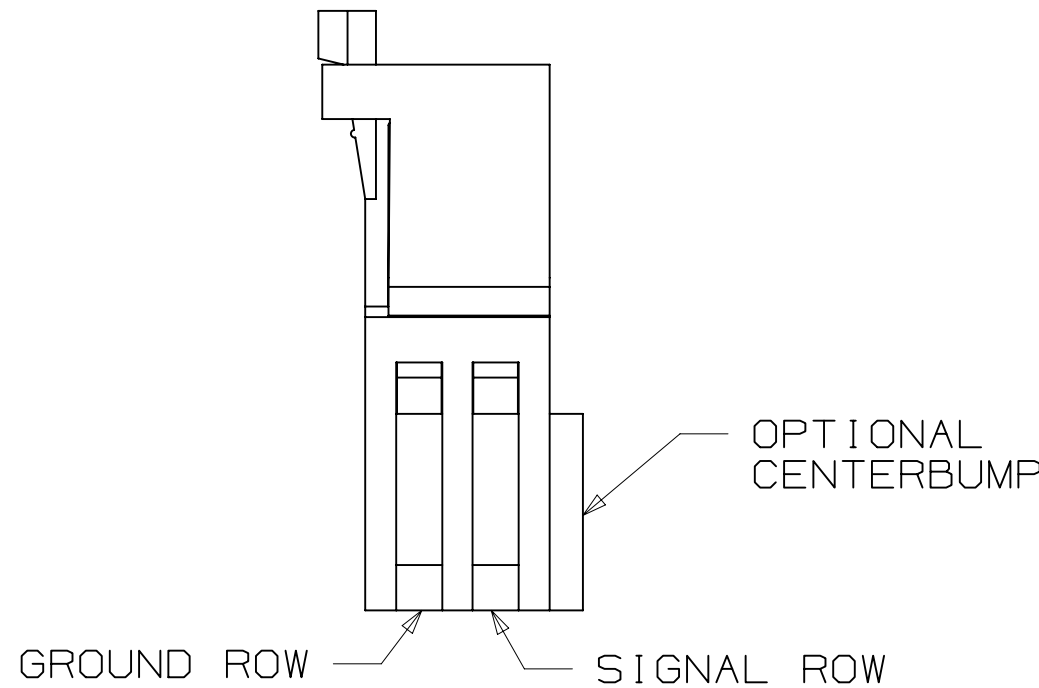
.100" ASSEMBLY HARDWARE



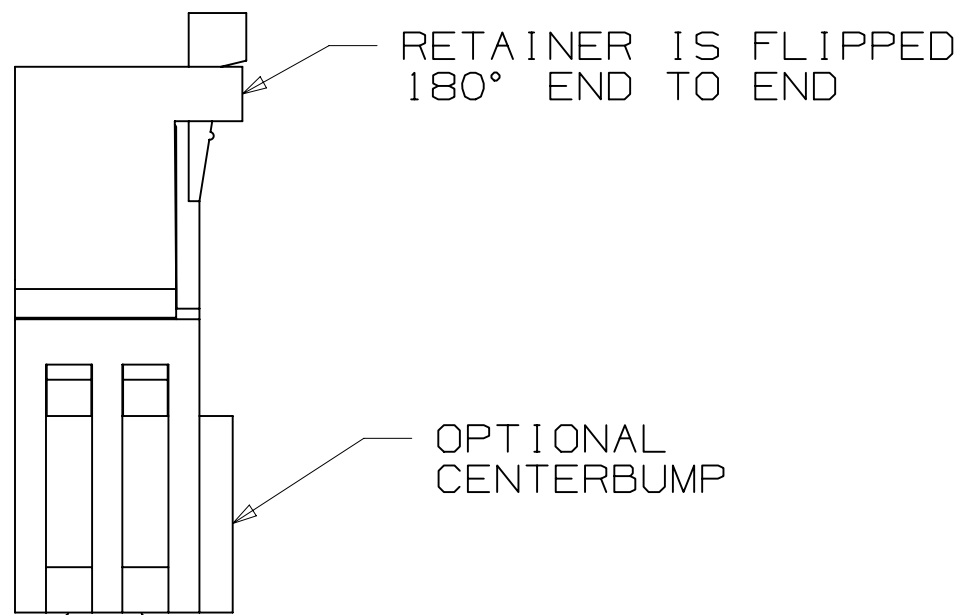
98XX-PSMO
NORMAL "MO" RETENTION STYLE



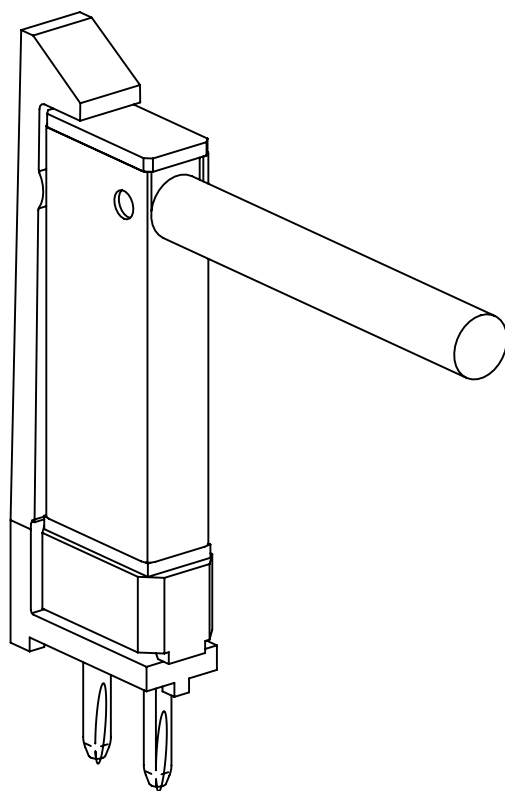
98XX-PSMR
REVERSE "MR" RETENTION STYLE



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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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.

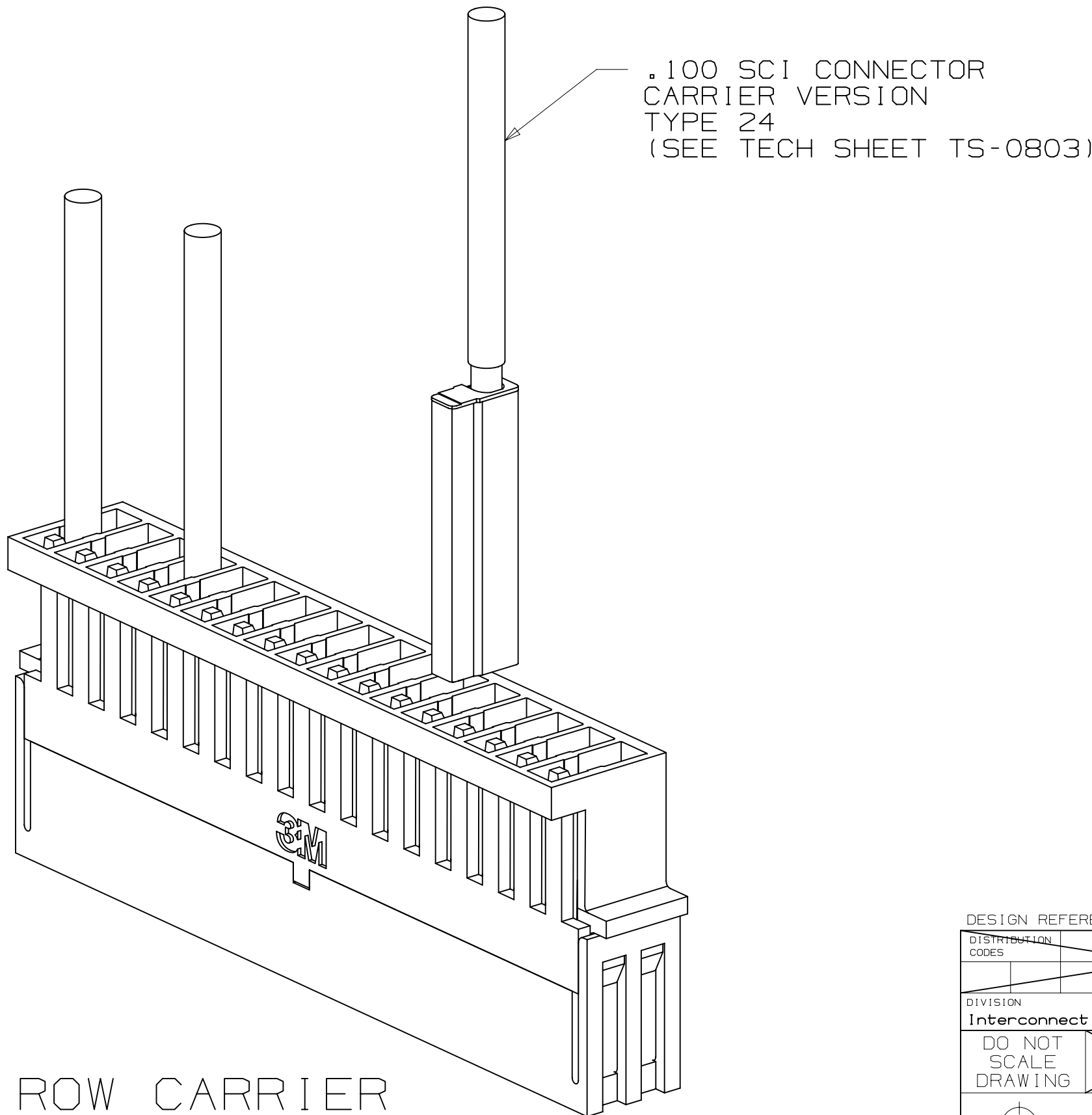
PIN STRIP LATCH

- * 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



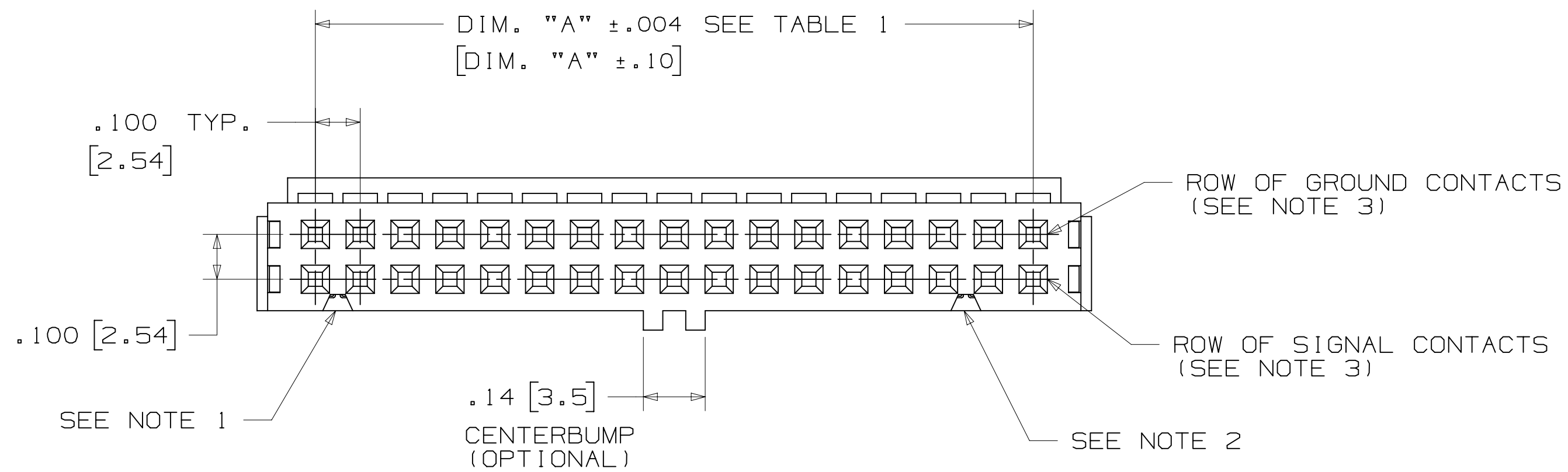
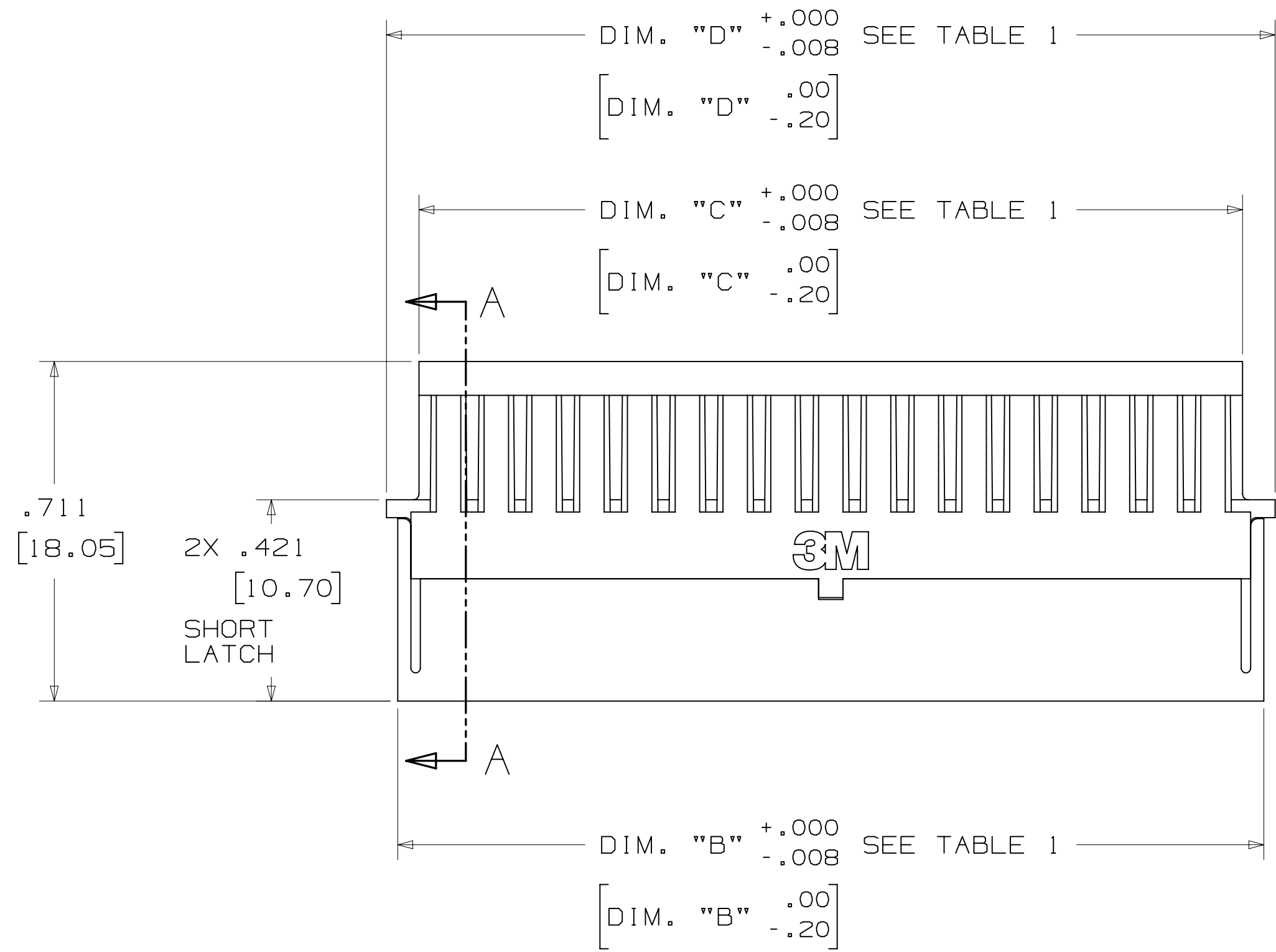
2 ROW CARRIER

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
DIVISION		DIVISION CODE		DATE		DATE		DATE	
Interconnect Solutions		ISD		JAN 03,2013		R. SCHERER		JAN 03,2013	
DO NOT SCALE DRAWING		TOLERANCES EXCEPT AS NOTED		INCHES		MILLIMETERS		TITLE	
THIRD ANGLE PROJECTION		INTERPRET PER ASME Y14.5 - 1994		.00 ± .01		.000 ± .005		ASSEMBLY HARDWARE, .100 SCI CARRIER	
MAX SURFACE ROUGHNESS		MARKED ONLY		.0 ± .3		.00 ± .13		CAGE NUMBER	
CAGE NUMBER		DRAWING NO.		REV.		MODEL		DET	
D 78-5100-0802-8		B		SHT 1 OF 3		YES		NO	

3M™ SHIELDED CONTROLLED IMPEDANCE (SCI)

.100" ASSEMBLY HARDWARE



ORDERING INFORMATION

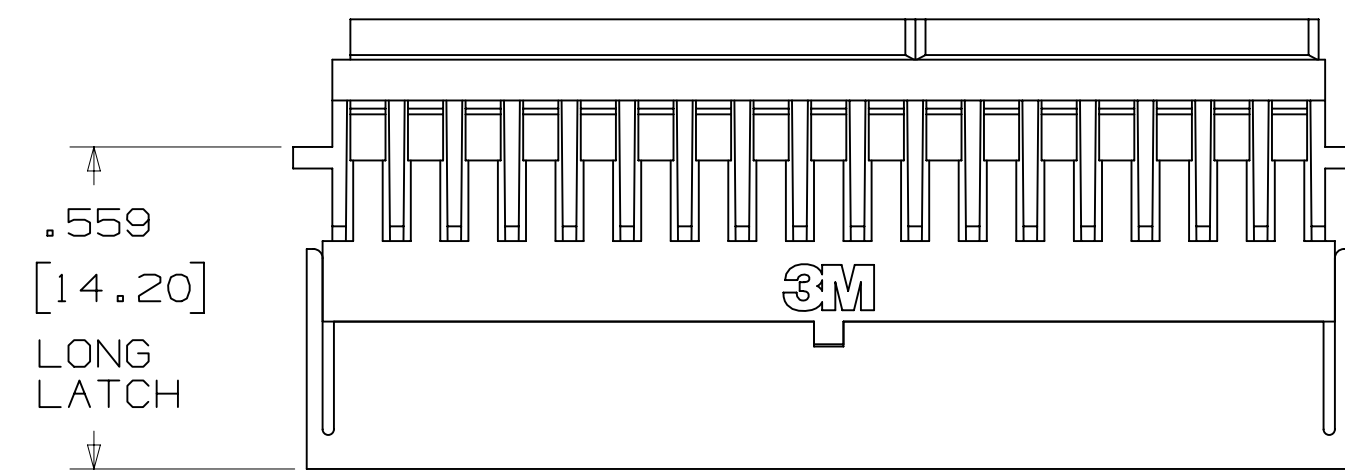
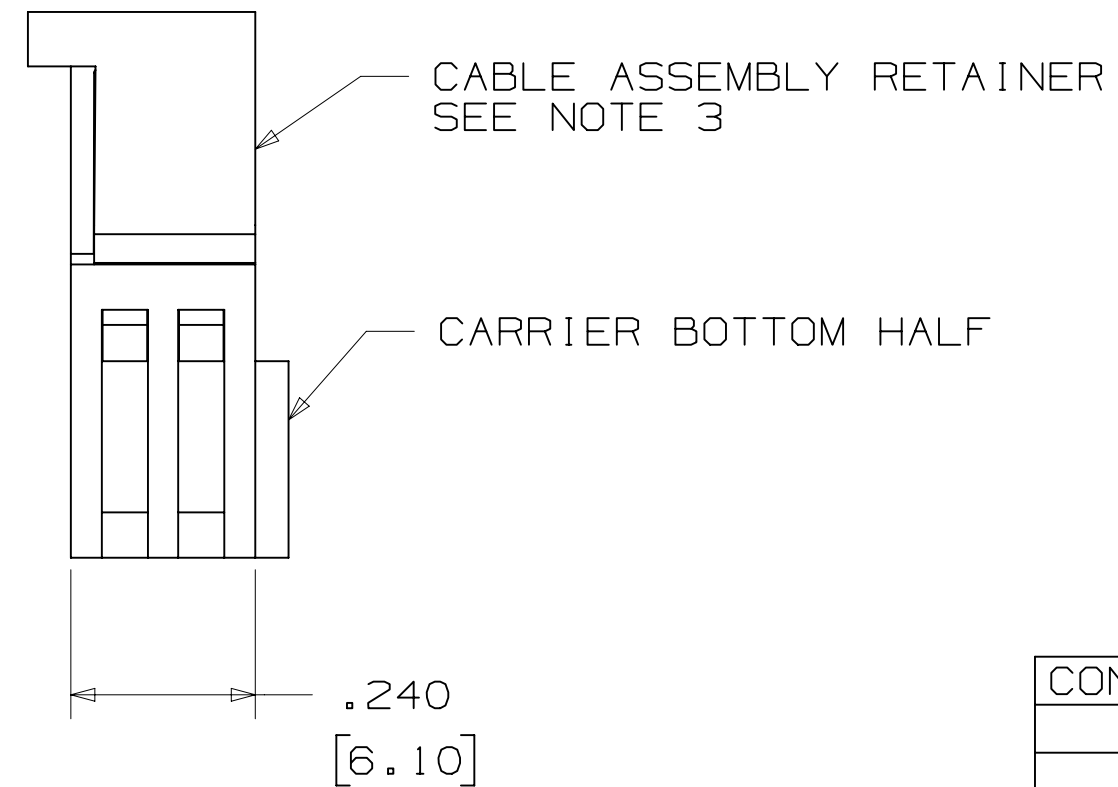
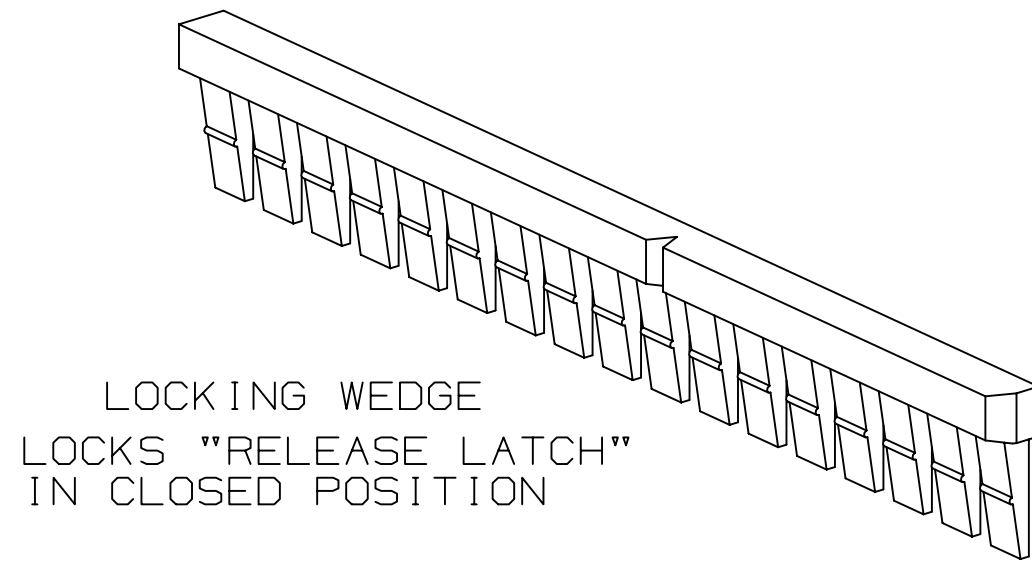
2 ROW CARRIER HOUSING

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

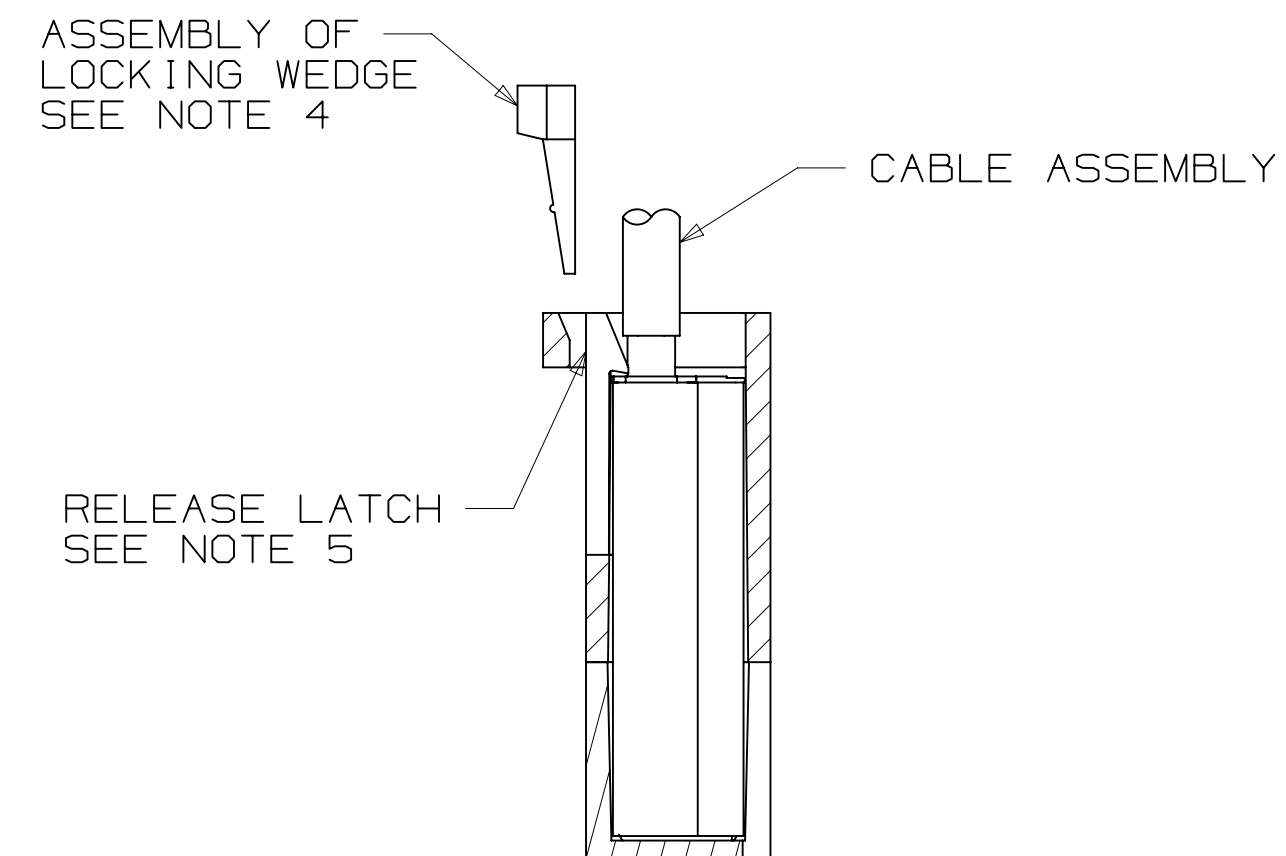


LONG LATCH CARRIER

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]

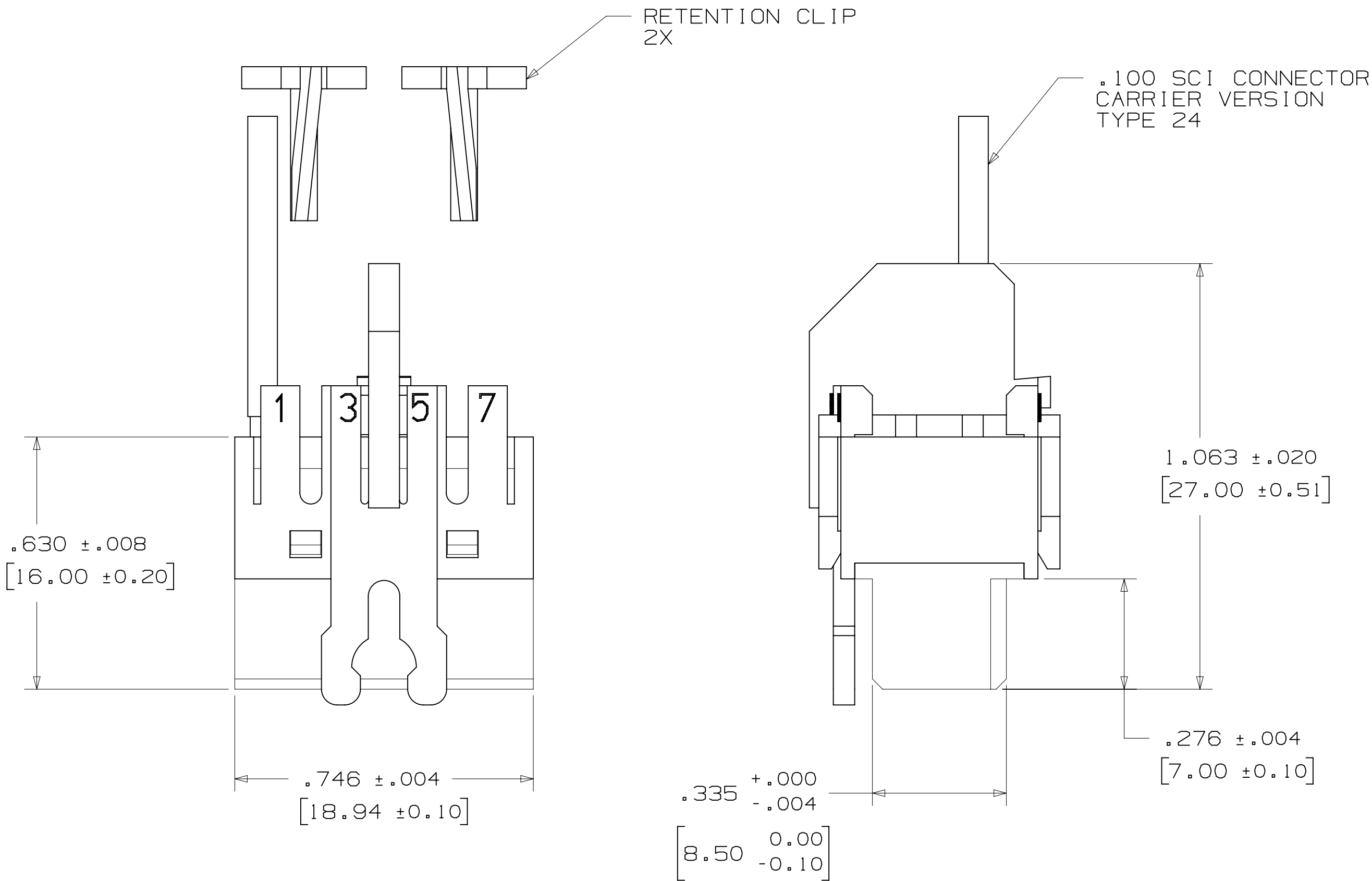
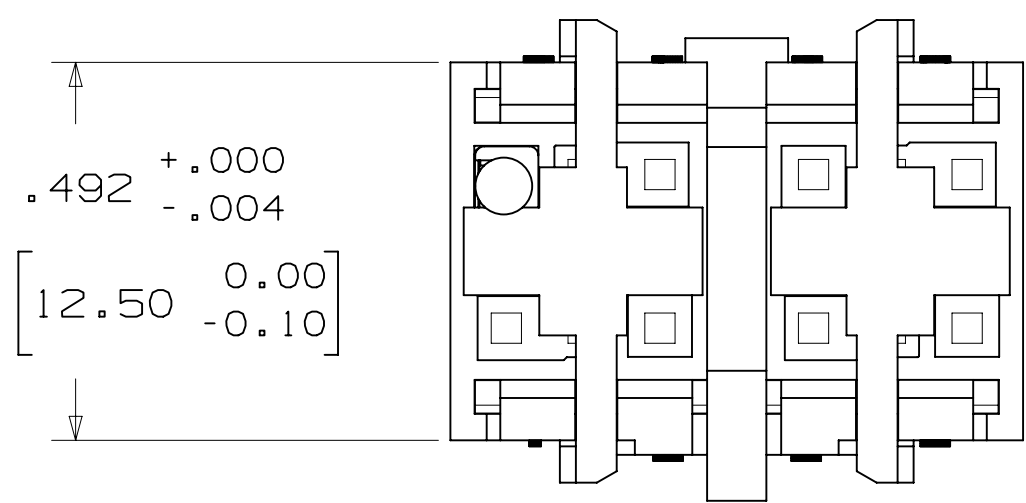
* TOOLED POSITIONS: CONTACT 3M SALES FOR ADDITIONAL POSITIONS



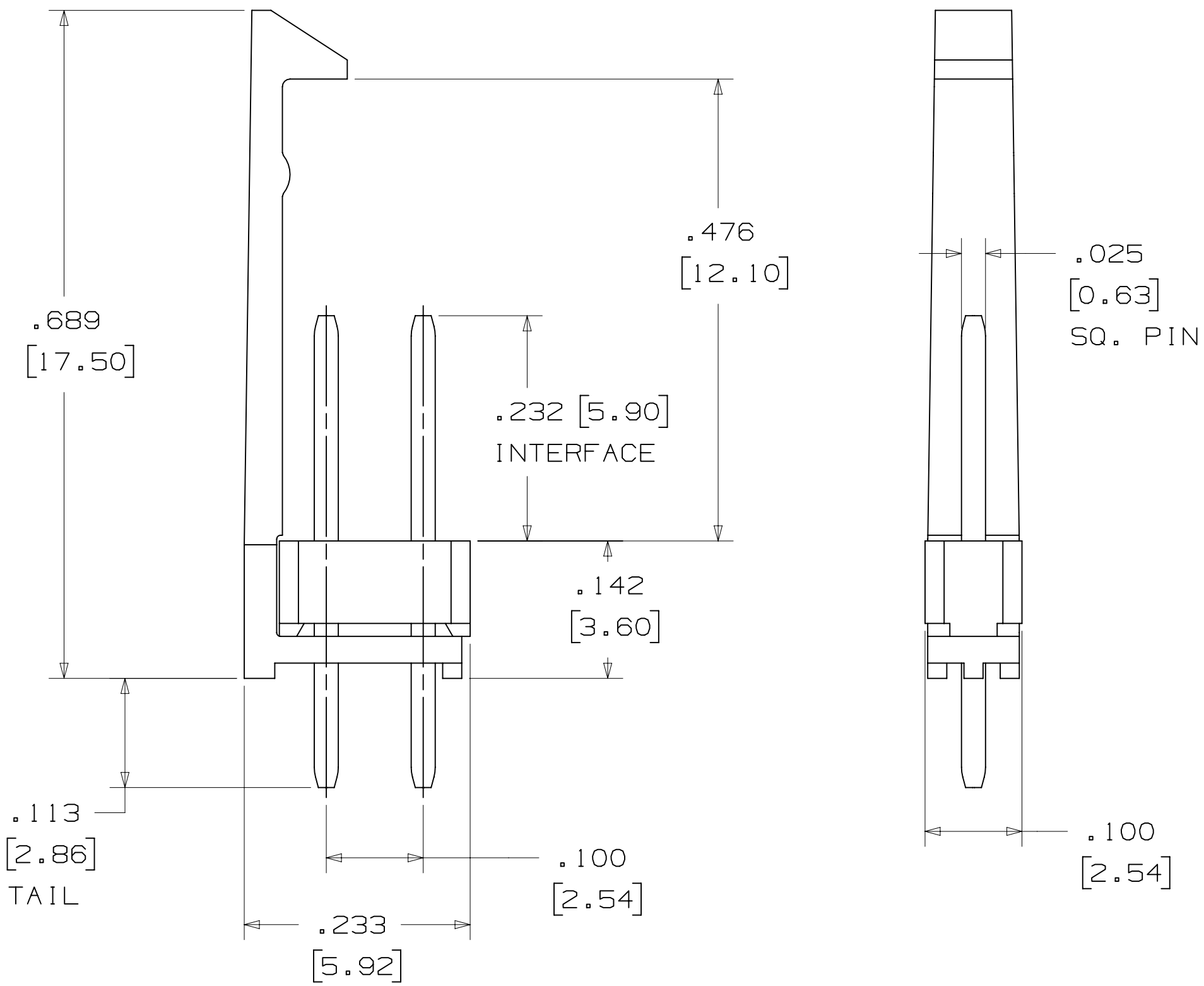
SECTION A - A

DESIGN REFERENCE NEXT ASSEMBLY		REV ECO		JAN 03 2013		JNC RS	
DISTORTION CODES		REV ECO		ISSUE DATE AND DESCRIPTION		DRFT CHKD	
DIVISION CODE		DIVISION CODE		DATE		DATE	
INTERCONNECT SOLUTIONS		DIVISION CODE		DATE		DATE	
DO NOT SCALE DRAWING		TOLERANCES EXCEPT AS NOTED		APPROVAL		DATE	
		INCHES		© 3M COPYRIGHT 2013		DATE	
THIRD ANGLE PROJECTION		MILLIMETERS		3M 3M Center St. Paul, MN 55144		DATE	
INTERPRET PER ASME Y14.5 - 1994		INCHES		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.		DATE	
MAX. SURFACE ROUGHNESS		MILLIMETERS		TITLE		DATE	
SURFACES		INCHES		ASSEMBLY HARDWARE		DATE	
MARKED ONLY		MILLIMETERS		.100 SCI CARRIER		DATE	
MARKED ONLY		INCHES		CASE NUMBER		DATE	
MARKED ONLY		MILLIMETERS		SIZE		DATE	
MARKED ONLY		INCHES		DRAWING NO.		DATE	
MARKED ONLY		MILLIMETERS		D 78-5100-0802-8		DATE	
MARKED ONLY		INCHES		REV.		DATE	
MARKED ONLY		MILLIMETERS		DET.		DATE	
MARKED ONLY		INCHES		LISTS		DATE	
MARKED ONLY		MILLIMETERS		YES		DATE	
MARKED ONLY		INCHES		NO		DATE	
MARKED ONLY		MILLIMETERS		SHT		DATE	
MARKED ONLY		INCHES		2 OF 3		DATE	

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		
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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			