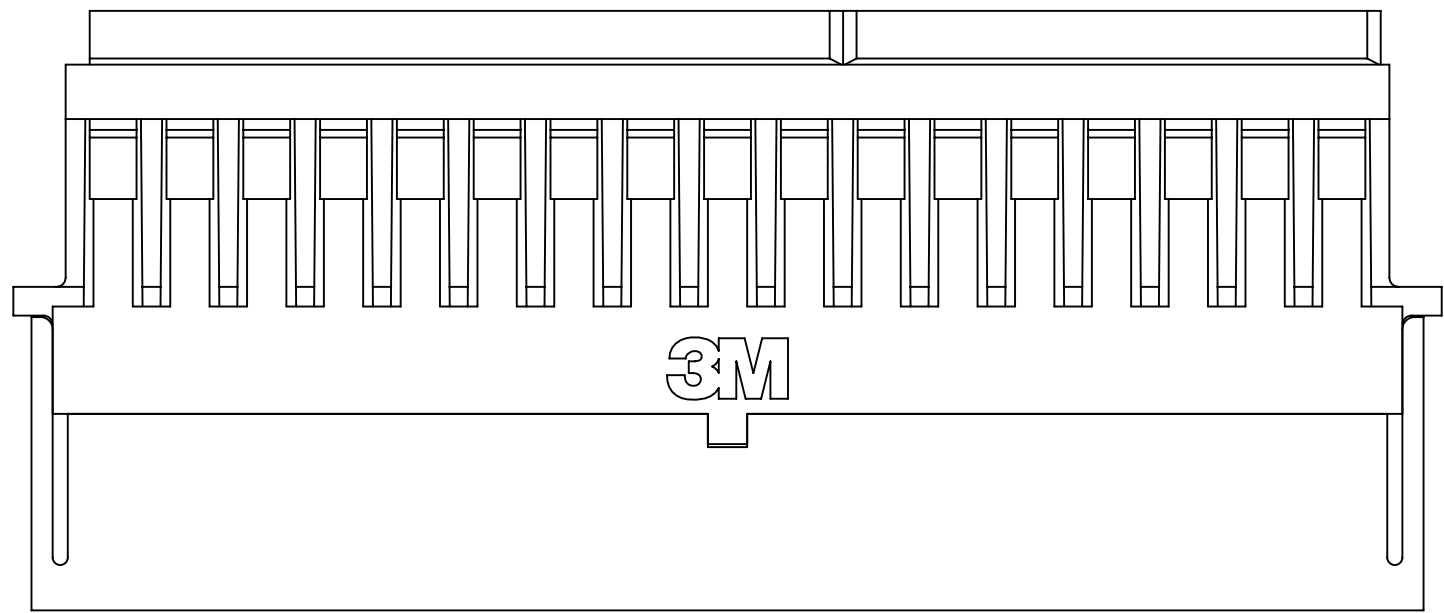
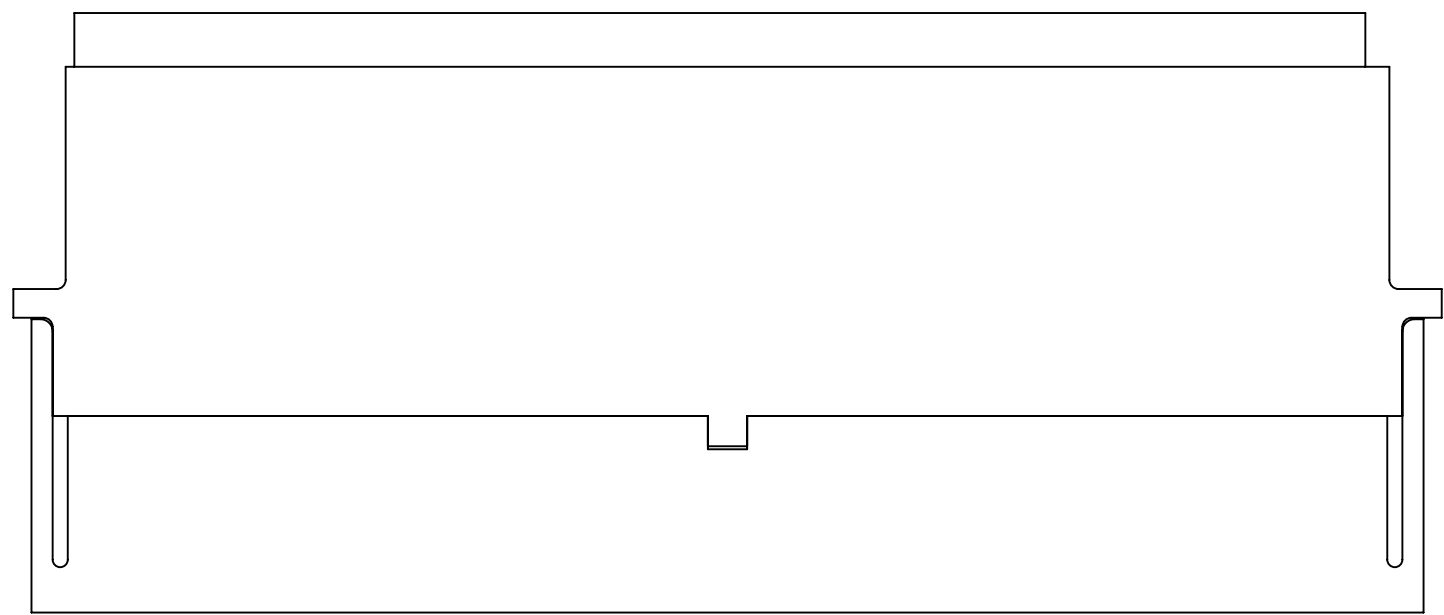


3M™ SHIELDED CONTROLLED IMPEDANCE (SCI)

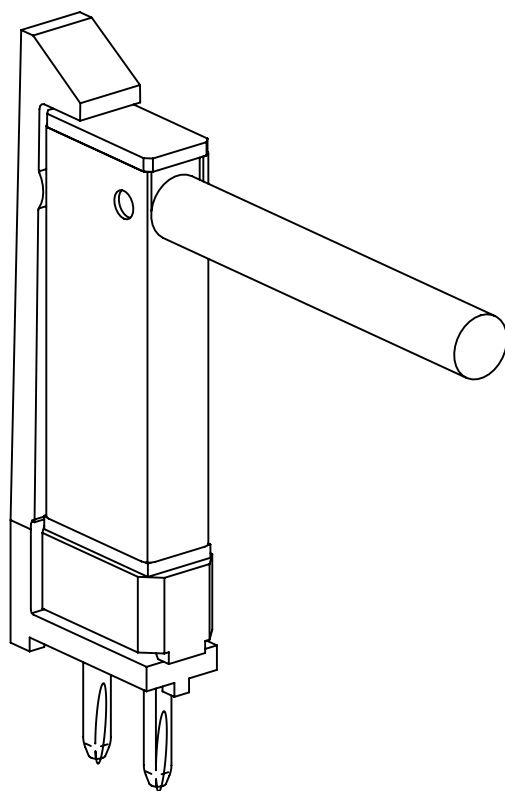
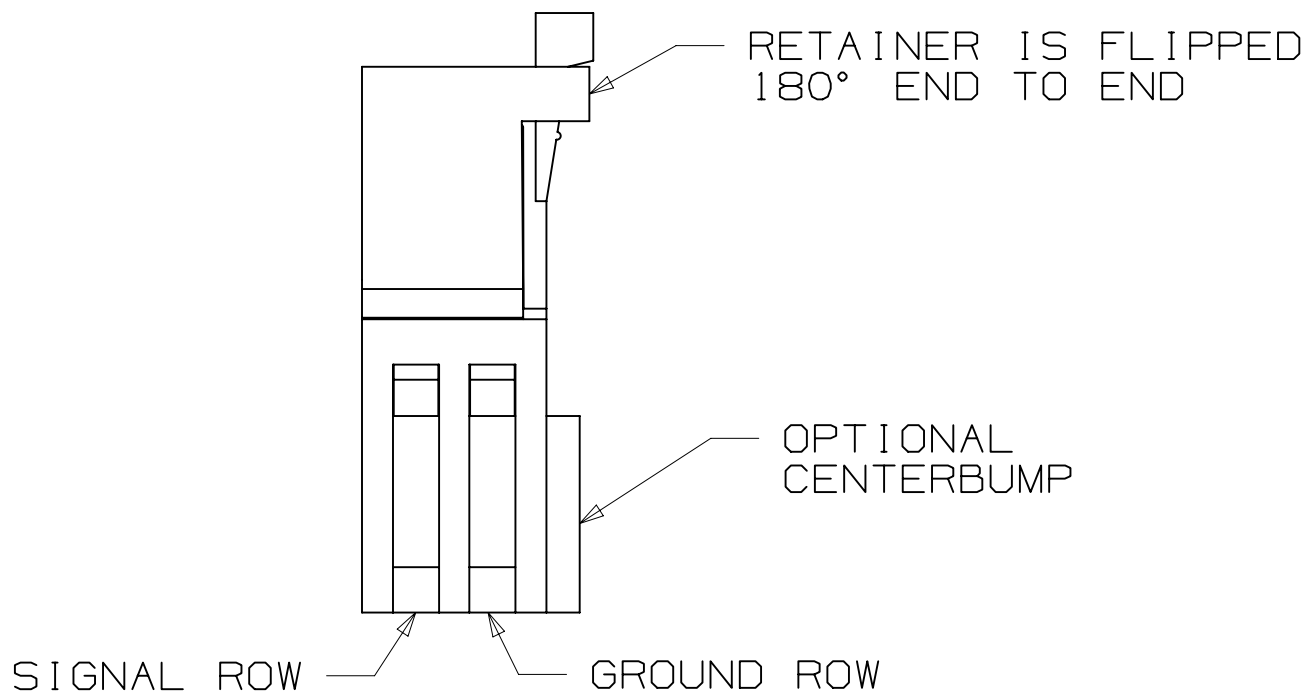
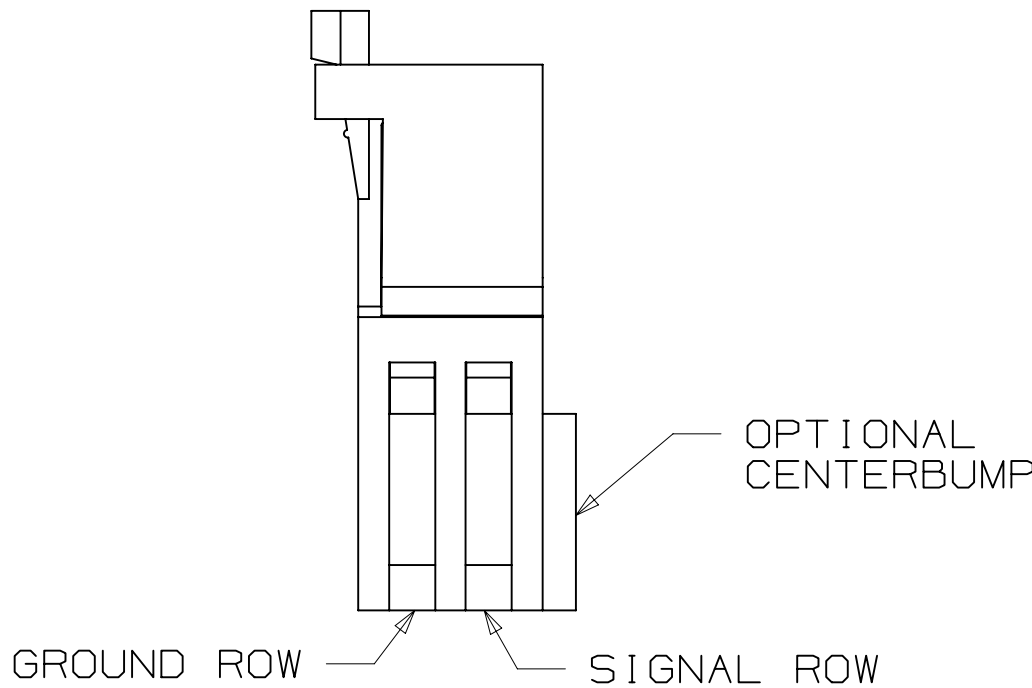
.100" ASSEMBLY HARDWARE



98XX-PSMO
NORMAL "MO" RETENTION STYLE



98XX-PSMR
REVERSE "MR" RETENTION STYLE



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

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

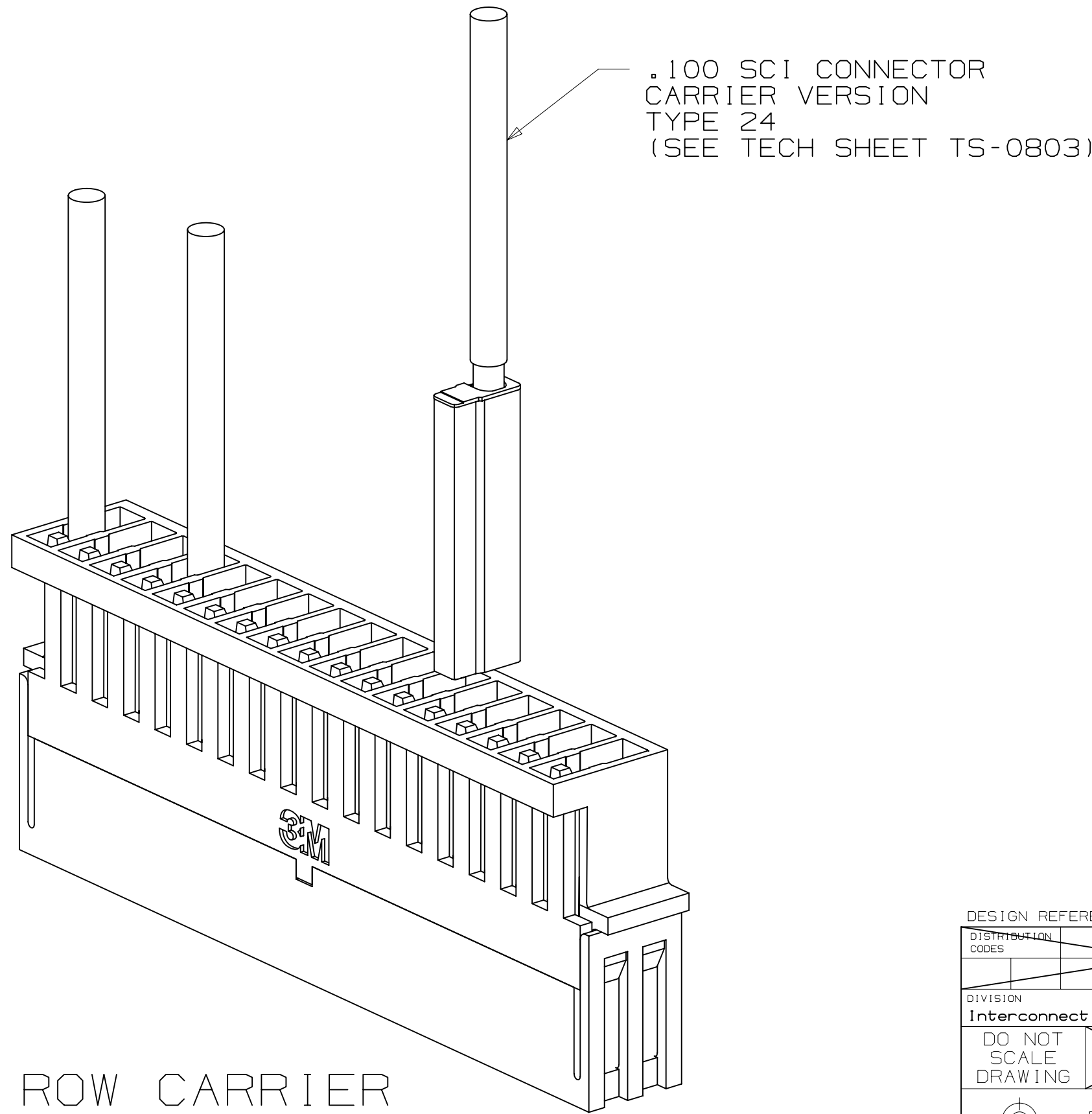
- * INTEGRAL LOCKING FEATURE.
- * INCLUDES TWO RETENTION CLIPS.

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.

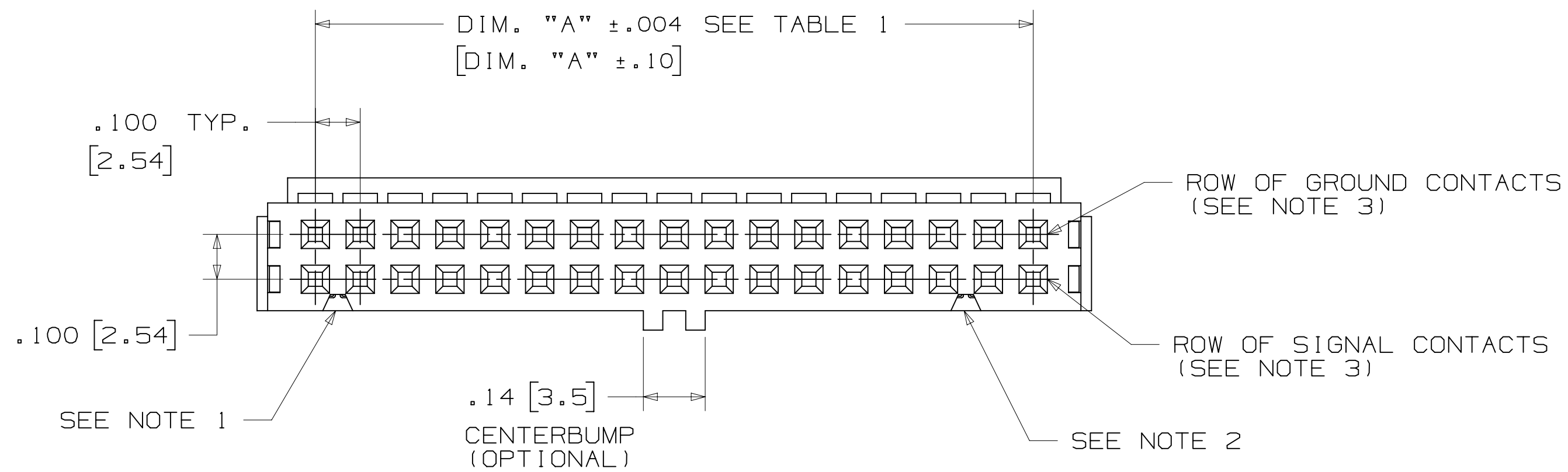
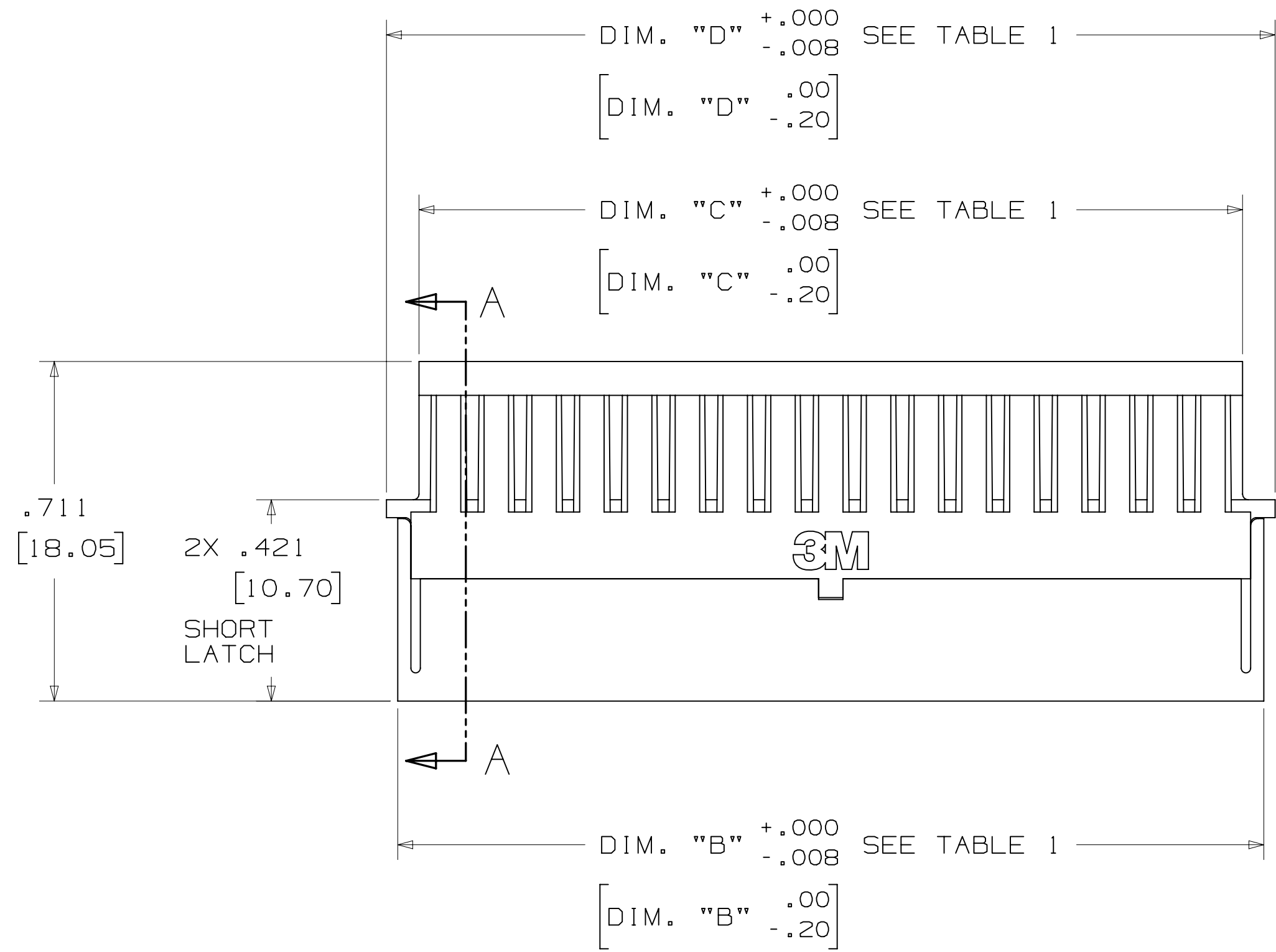
3M ELECTRONIC SOLUTIONS DIVISION
INTERCONNECT SOLUTIONS
<http://www.3mconnectors.com>

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

DESIGN REFERENCE		NEXT ASSEMBLY		REV	ECO	ISSUE DATE AND DESCRIPTION		DRFT	CHKD
DIVISION CODE		DIVISION CODE		DATE		DATE		DATE	
INTERCONNECT SOLUTIONS		ISD		JAN 03,2013		JAN 03,2013		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 .0000 ±		0 ± .3 .00 ± .13 .000 ±		ASSEMBLY HARDWARE, .100 SCI CARRIER	
MAX SURFACE ROUGHNESS		CAGE NUMBER		DRAWING NO.		REV.		MODEL	
MARKED ONLY		D78-5100-0802-8		B		SHT 1 OF 3			

3M™ SHIELDED CONTROLLED IMPEDANCE (SCI)

.100" ASSEMBLY HARDWARE



ORDERING INFORMATION

2 ROW CARRIER HOUSING

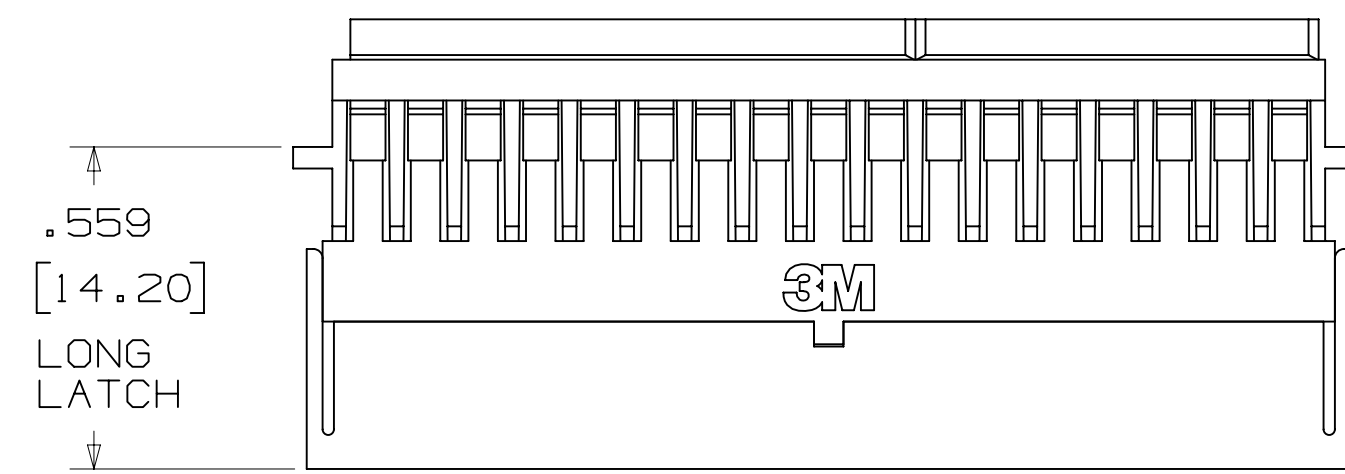
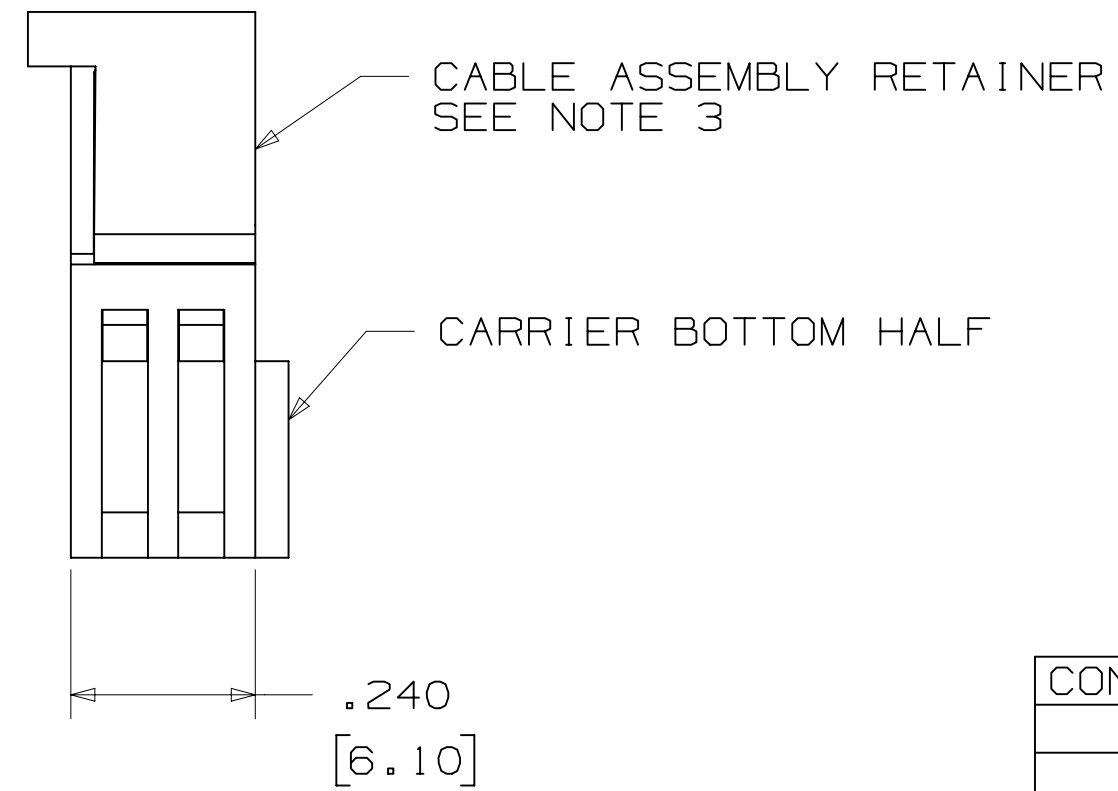
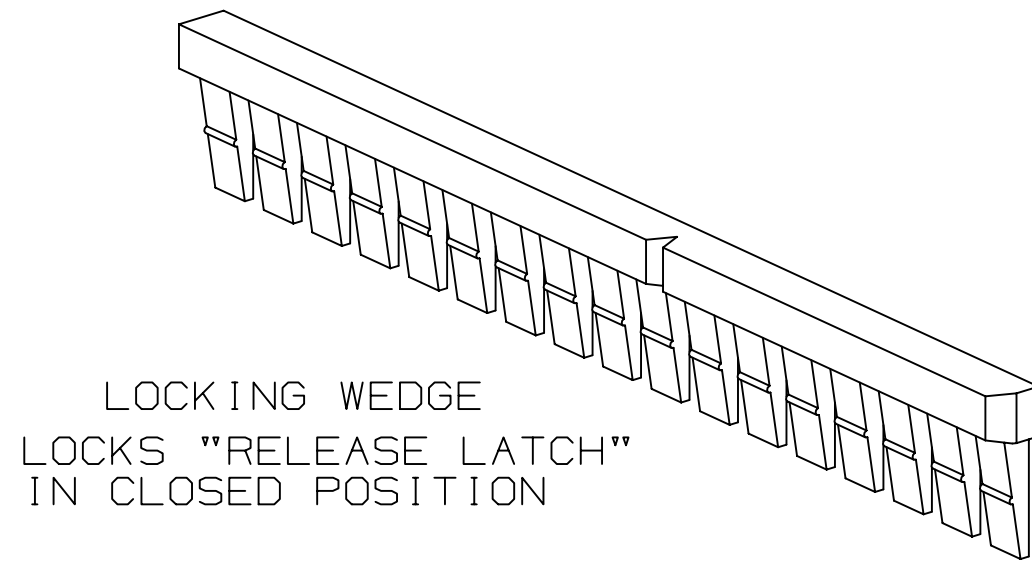
98XX - XXXX

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

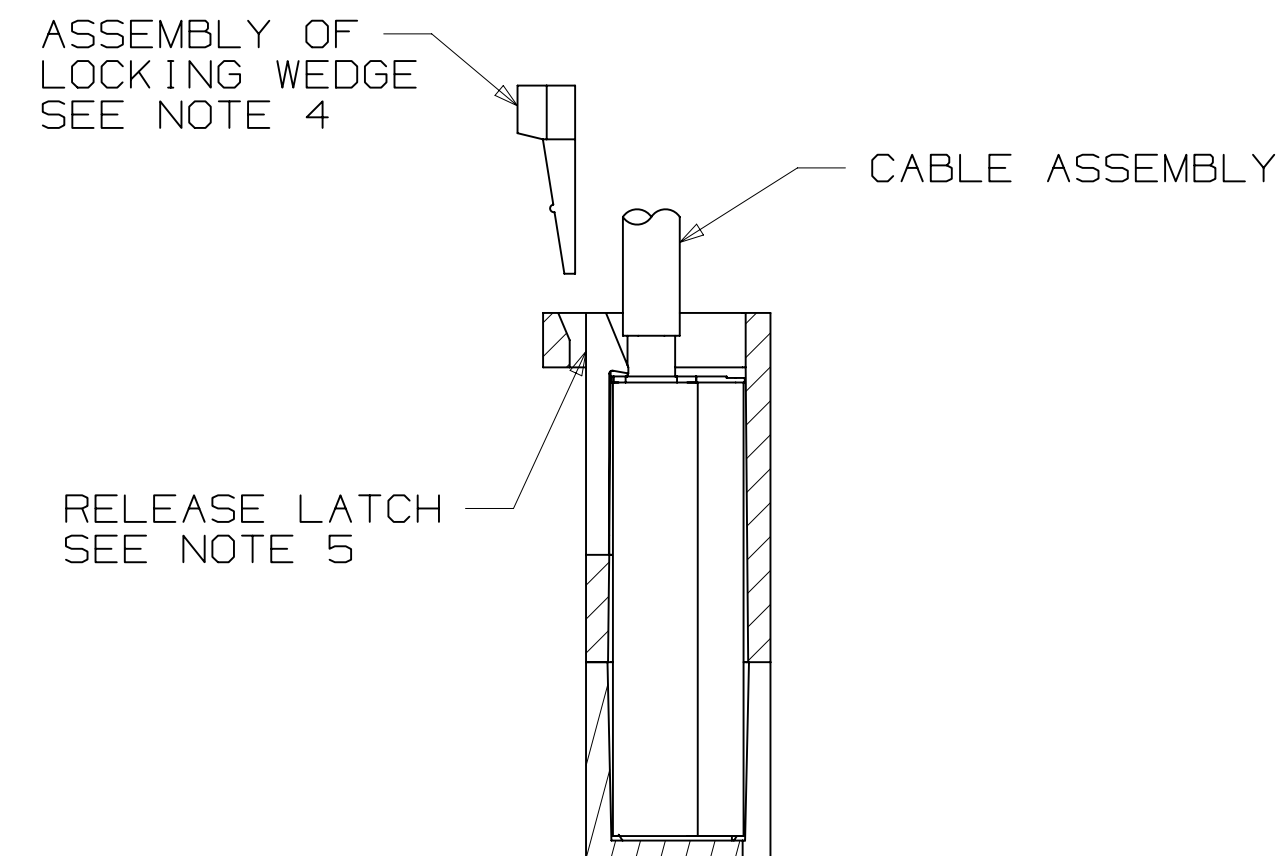


LONG LATCH CARRIER

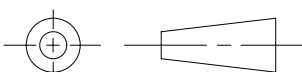
TABLE 1: CARRIER POSITIONS

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]

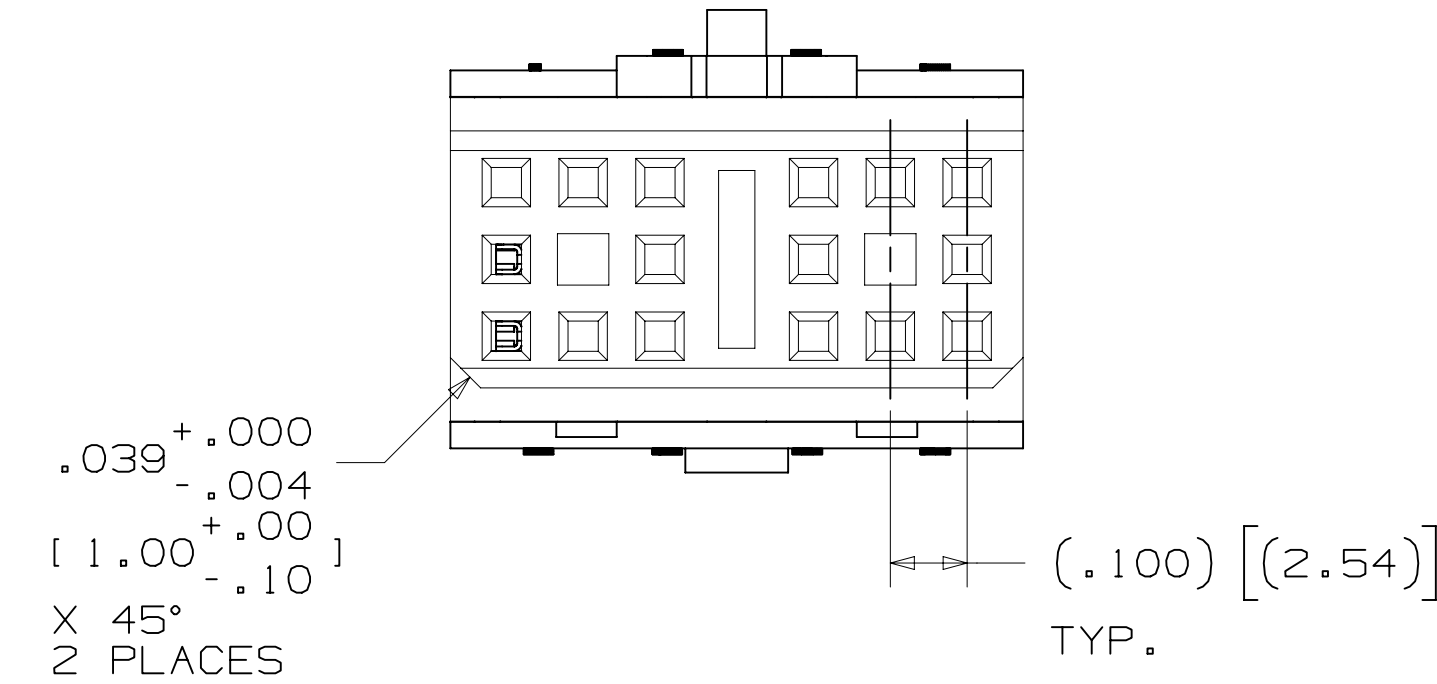
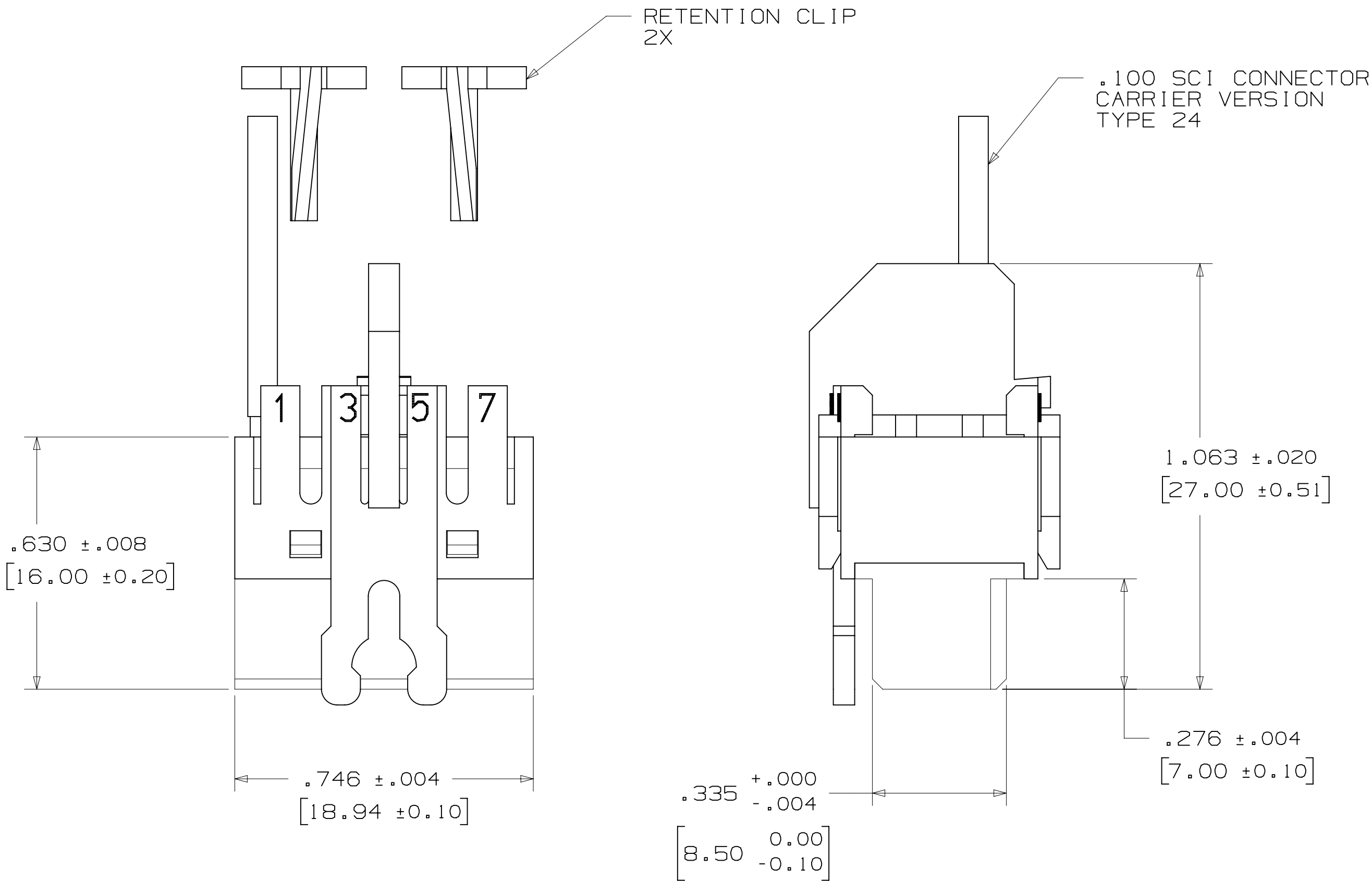
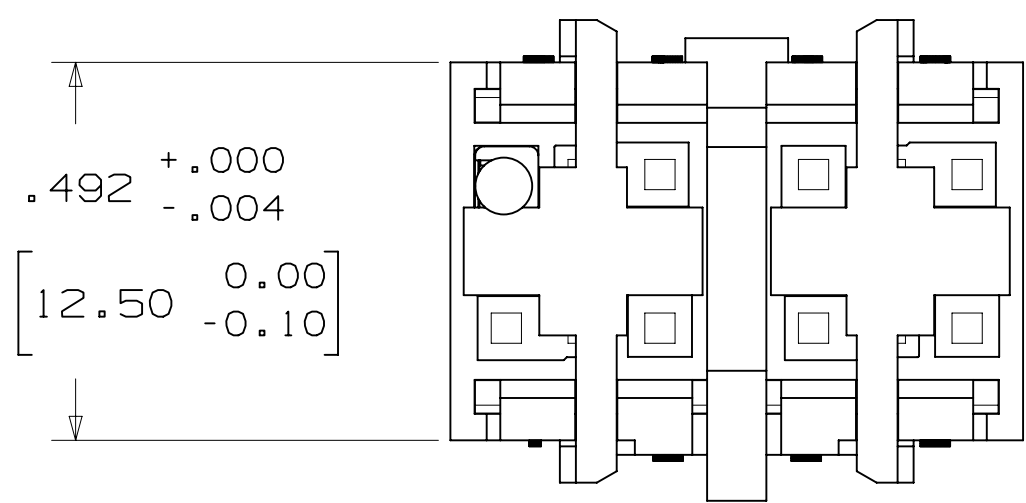
* TOOLED POSITIONS: CONTACT 3M SALES FOR ADDITIONAL POSITIONS



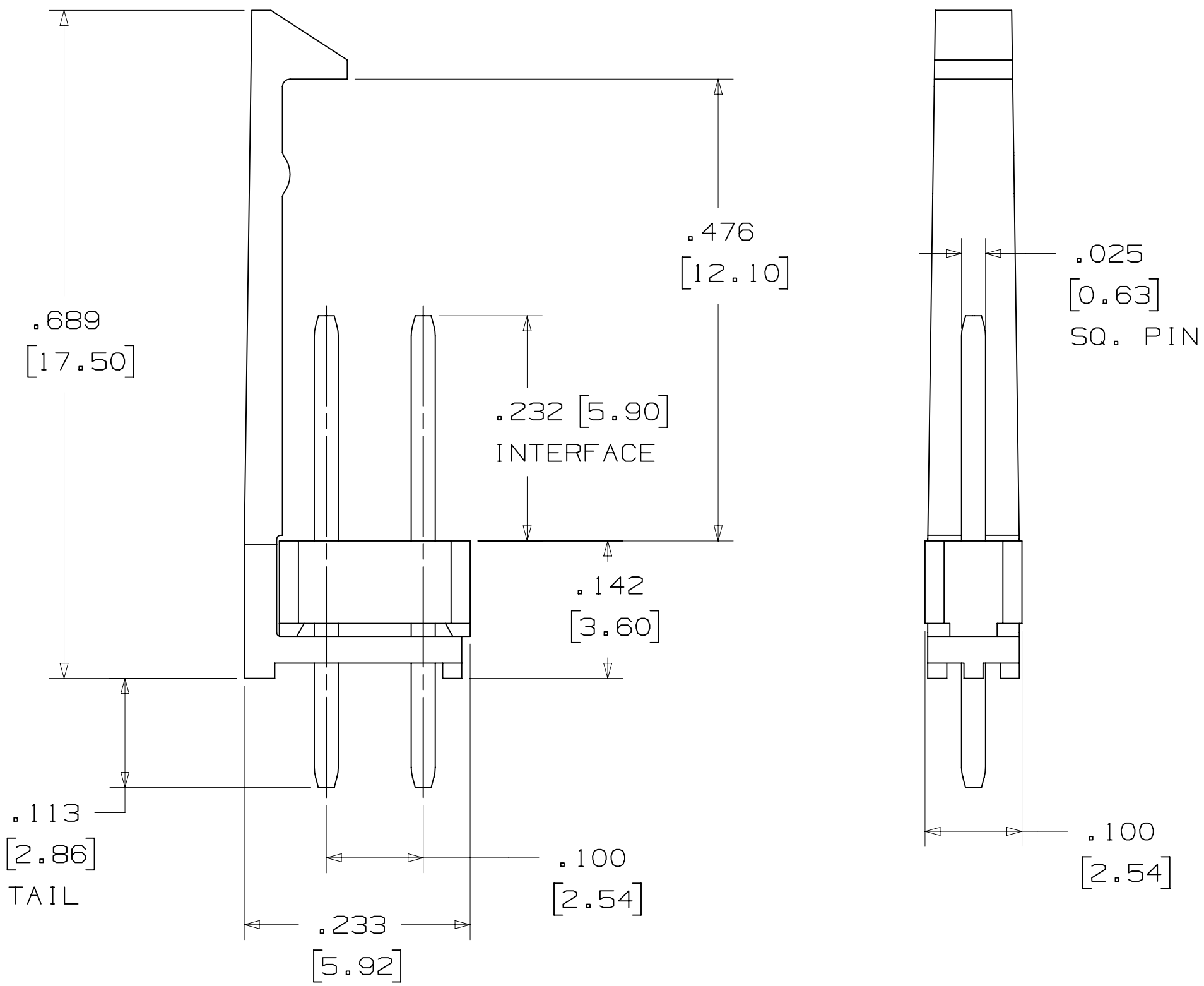
SECTION A - A

DESIGN REFERENCE NEXT ASSEMBLY		REV ECO		JAN 03, 2013		JNC RS	
DISTORTION CODES		DRG CAST 1101 ONE		DATE JAN 03, 2013		DATE	
DIVISION CODE		CHKD		DATE		APPROV. R. SCHERER	
DIVISION CODE Interconnect Solutions		DIVISION CODE ISD		© 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.		DATE JAN 03, 2013	
DO NOT SCALE DRAWING		TOLERANCES EXCEPT AS NOTED		3M 3M Center St. Paul, MN 55144		TITLE	
		INCHES .0 .00 ± .01 .000 ± .005 .0000 ±		ASSEMBLY HARDWARE .100 SCI CARRIER		.100 SCI CARRIER	
THIRD ANGLE PROJECTION INTERPRET PER ASME Y14.5 - 1994		MILLIMETERS 0 ± .0 ± .3 .00 ± .13 .000 ±		CASE NUMBER D		DRAWING NO. 78-5100-0802-8	
MAX. SURFACE ROUGHNESS 12.5 μm SURFACES		MARKED ONLY		DET. LISTS Q YES X NO		REV. B	
ANGLES		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	MFG		DATE	DATE
Interconnect Solutions		ISD		JAN 03, 2013	JAN 03, 2013	R. SCHERER		JAN 03, 2013	JAN 03, 2013
DO NOT SCALE DRAWING		TOLERANCES EXCEPT AS NOTED		INCHES		MILLIMETERS		0 ±	
THIRD ANGLE PROJECTION		INTERPRET PER ASME Y14.5 - 1994		.00 ± .01		.000 ± .005		.000 ± .000	
MAX SURFACE ROUGHNESS		SURFACES		.00 ± .13		.000 ±		.000 ±	
MARKED ONLY		ANGLES		3		13		13	
CAGE NUMBER		SIZE		DRAWING NO.		REV.		DET	
D		78-5100-0802-8		B		SHT 3 OF 3		YES	
MODEL		LISTS		YES		NO		SHT 3 OF 3	