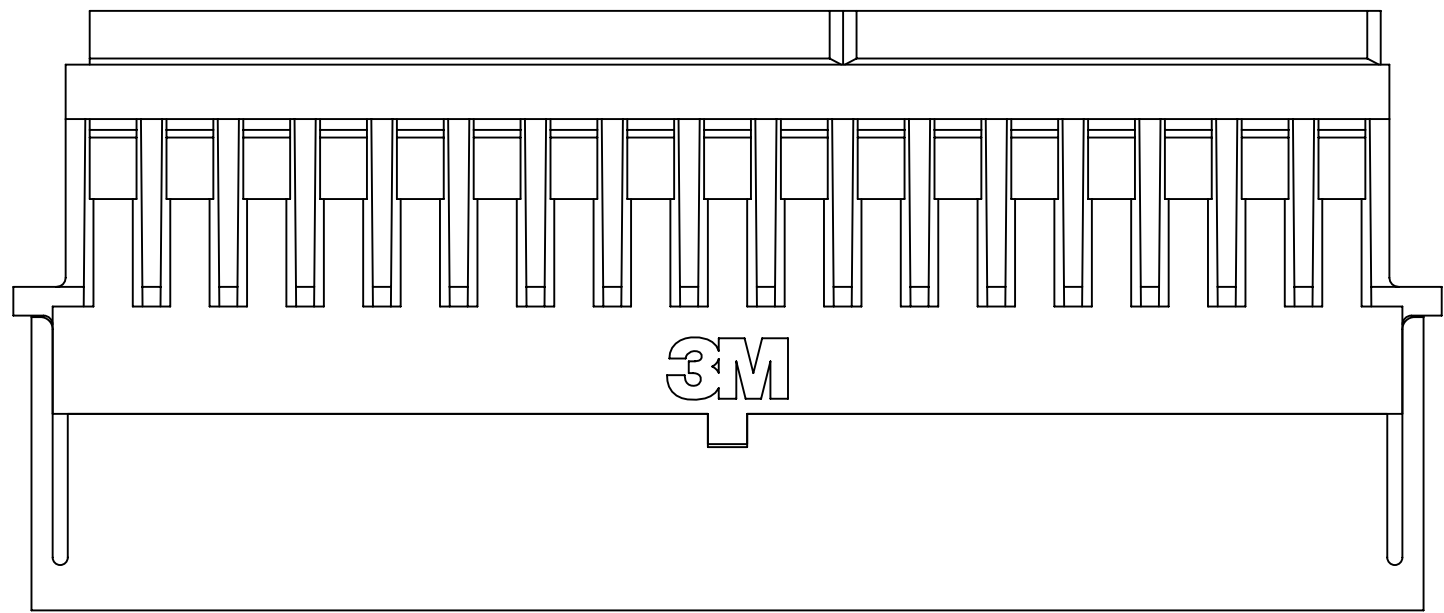
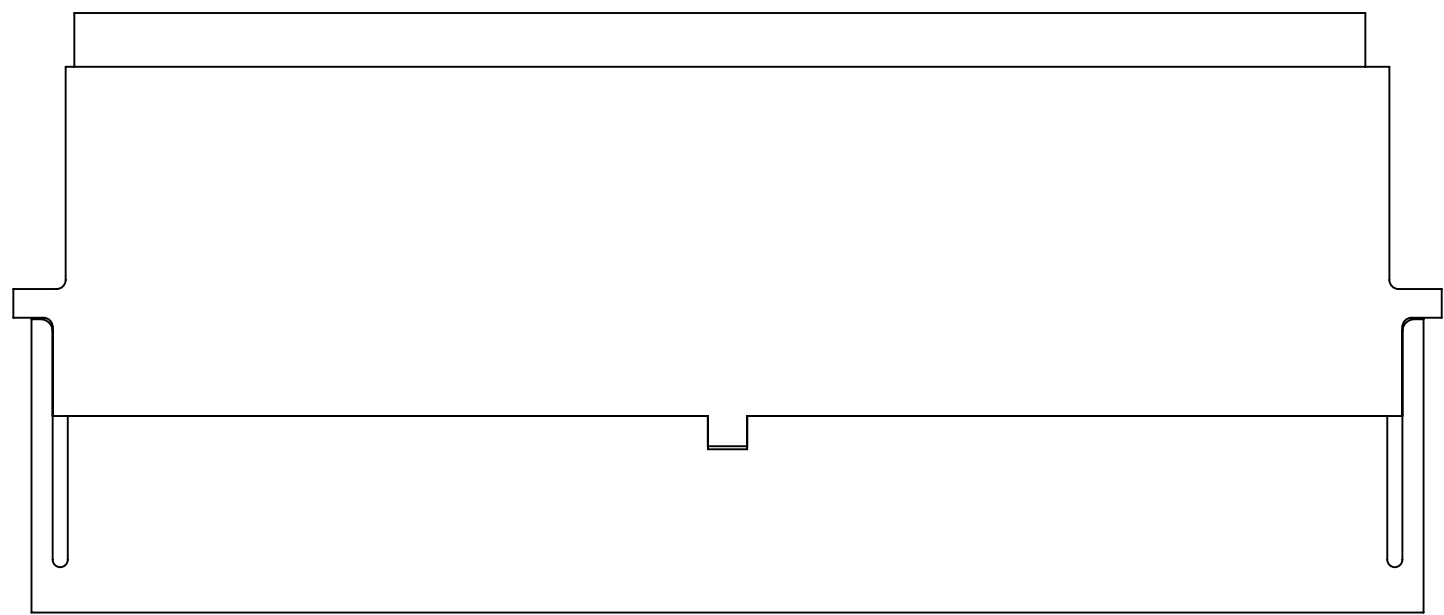


3M™ SHIELDED CONTROLLED IMPEDANCE (SCI)

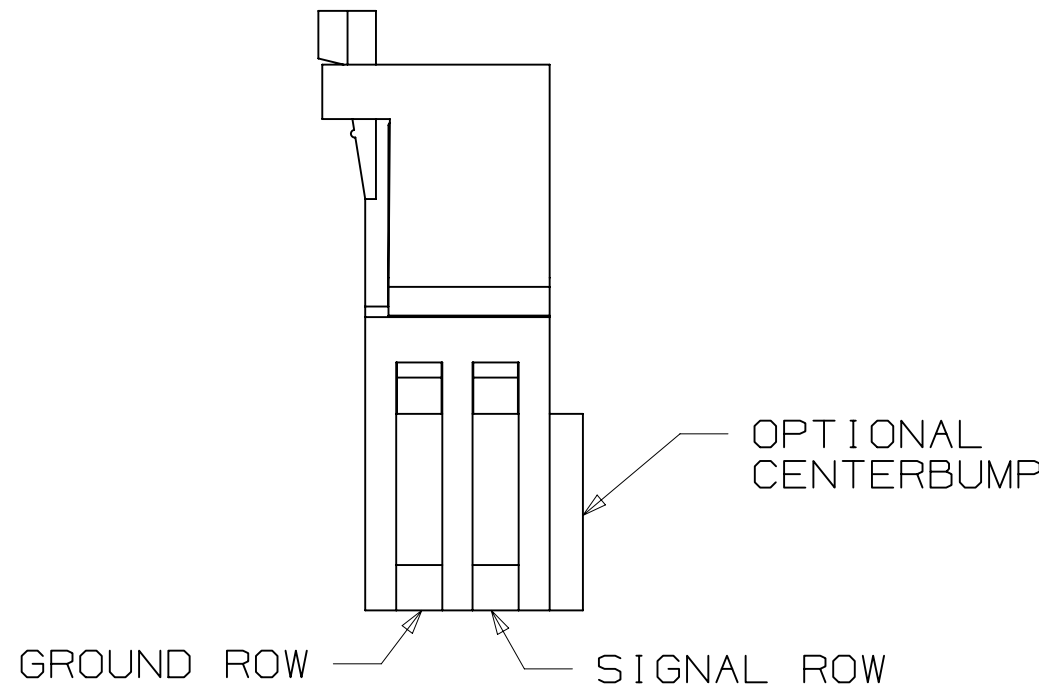
.100" ASSEMBLY HARDWARE



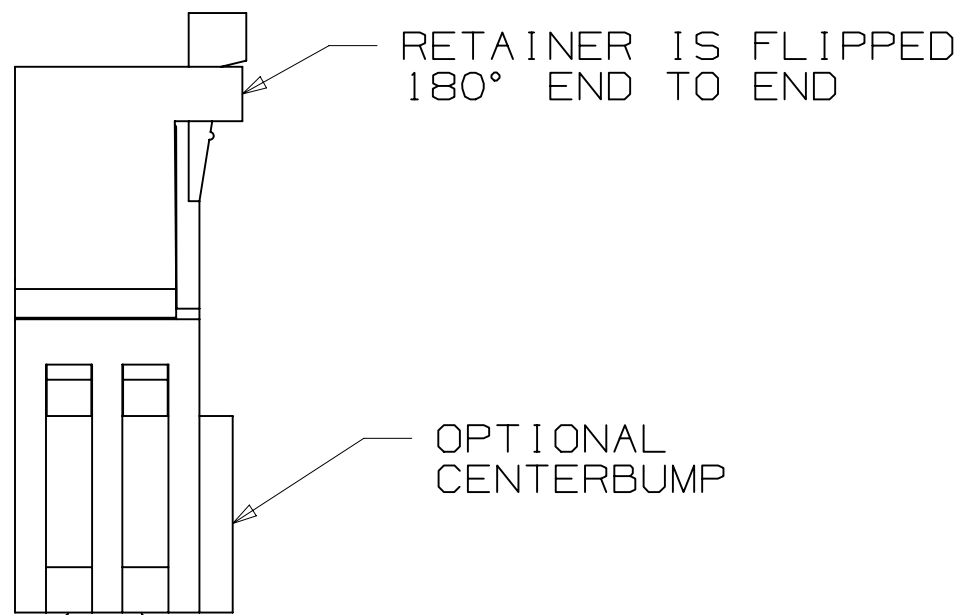
98XX-PSMO
NORMAL "MO" RETENTION STYLE



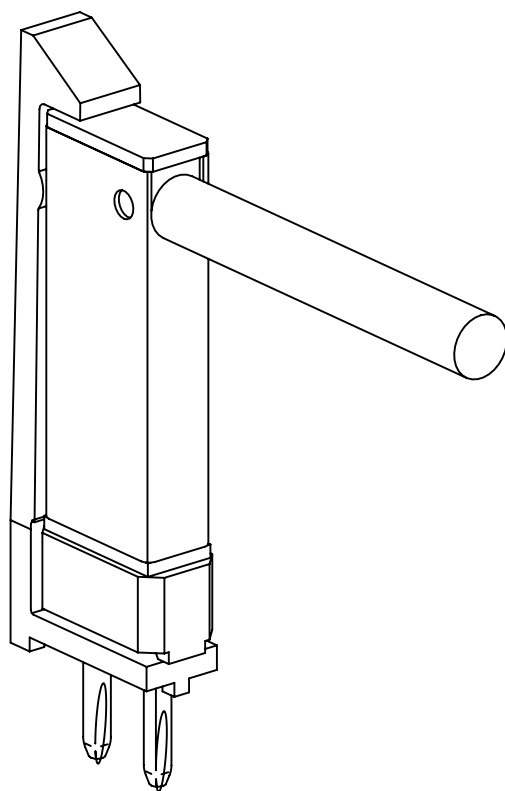
98XX-PSMR
REVERSE "MR" RETENTION STYLE



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.

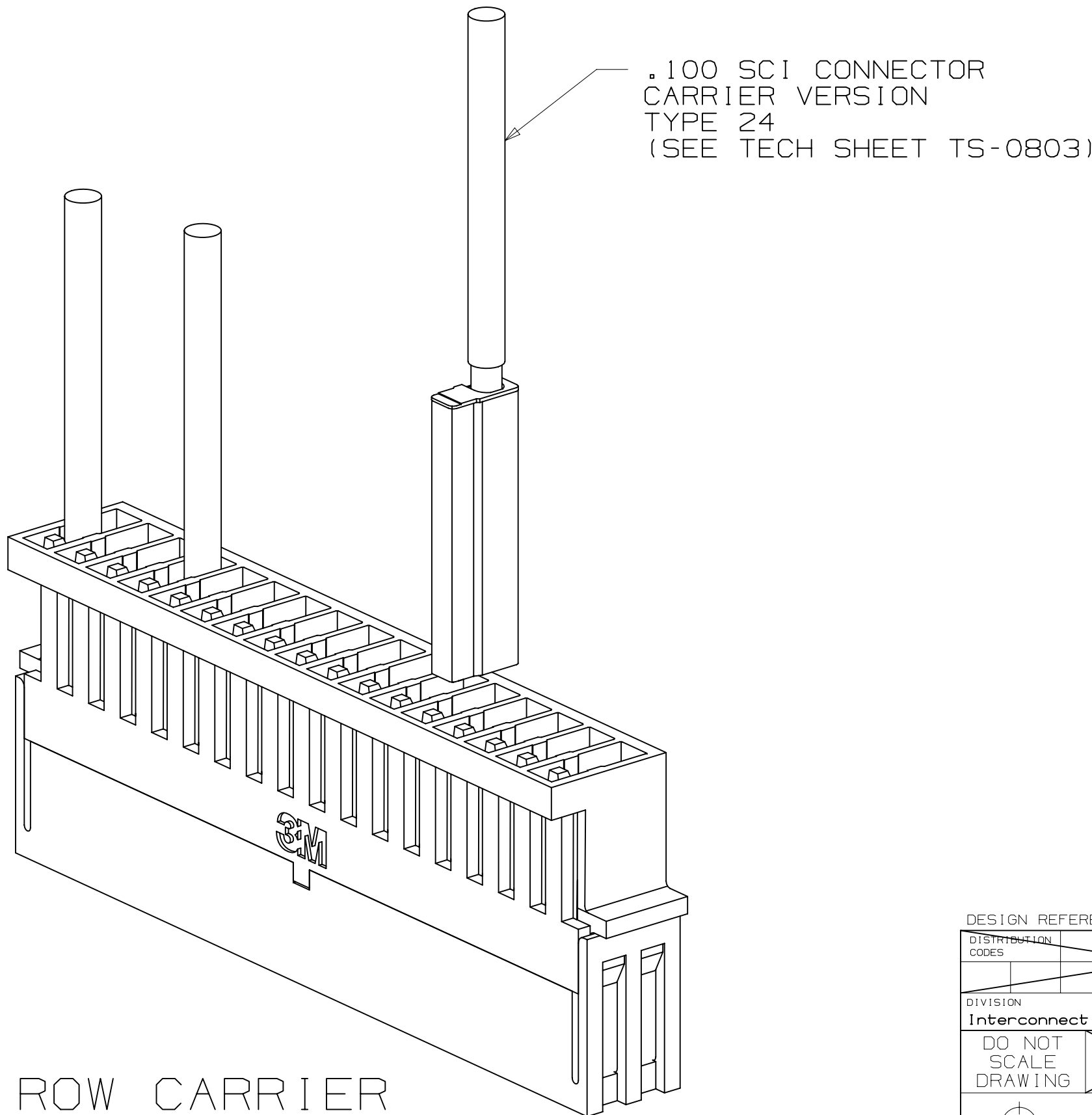
PIN STRIP LATCH

- * 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



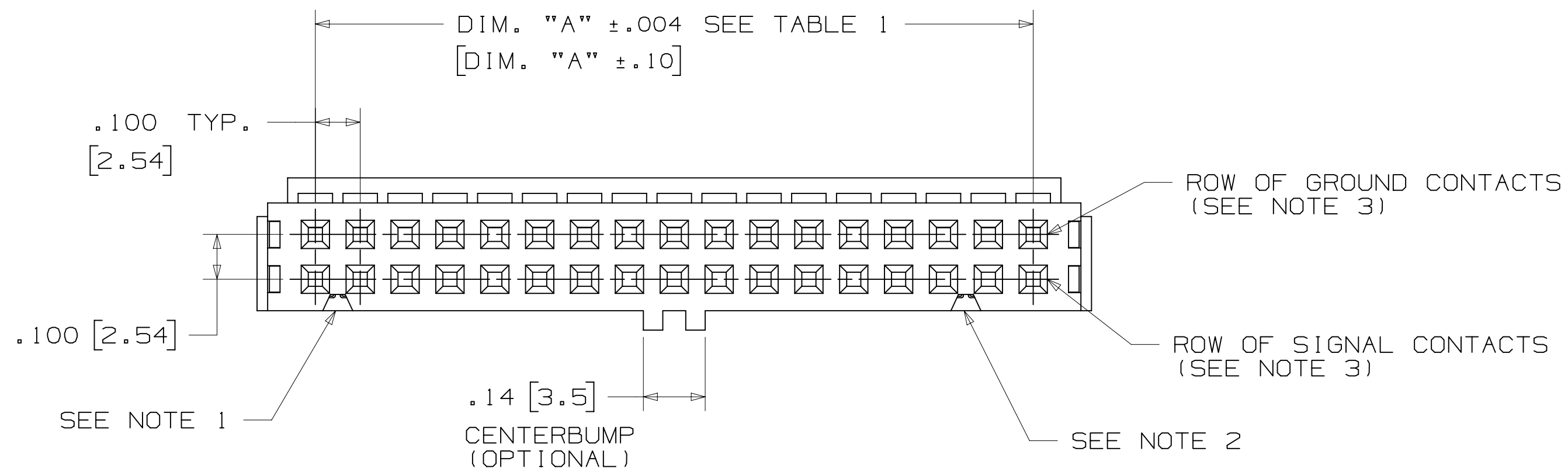
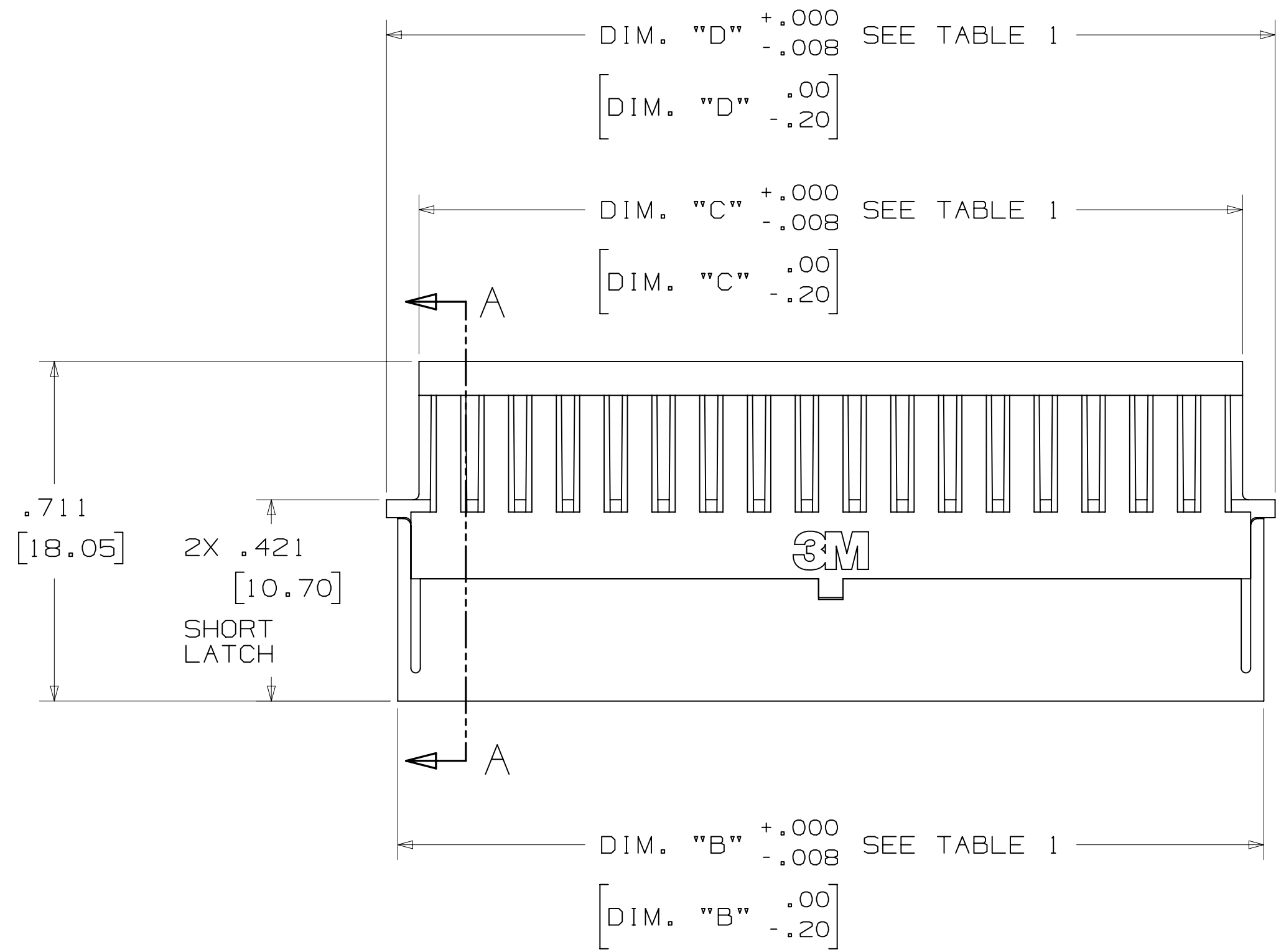
2 ROW CARRIER

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		B 44714		JAN 03, 2013		JNC		RS			
REV				ECO		REVISED AND REDRAWN				DRFT		CHKD	
CAG				STIGLIONE		DATE JAN 03, 2013				MFG		DATE	
CHKD						DATE				APPRV R. SCHERER		DATE JAN 03, 2013	
DIVISION		DIVISION CODE		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.					
Interconnect Solutions		ISD		3M Center St. Paul, MN 55144									
DO NOT SCALE DRAWING		TOLERANCES EXCEPT AS NOTED		INCHES		TITLE		ASSEMBLY HARDWARE , .100 SCI CARRIER					
		.00 ± .01 .000 ± .005 .0000 ± .0005											
THIRD ANGLE PROJECTION		MILLIMETERS		.00 ± .3 .00 ± .13 .000 ± .005		CAGE NUMBER		SIZE		DRAWING NO.		REV.	
INTERPRET PER ASME Y14.5 - 1994		MAX SURFACE ROUGHNESS		MARKED SURFACES		D		578-5100-0802-8		B			
☒ MARKED ONLY		ANGLES				MODEL		DET.		LISTS		YES ☒ NO	
										SHT		1 OF 6	

3M™ SHIELDED CONTROLLED IMPEDANCE (SCI)

.100" ASSEMBLY HARDWARE



ORDERING INFORMATION

2 ROW CARRIER HOUSING

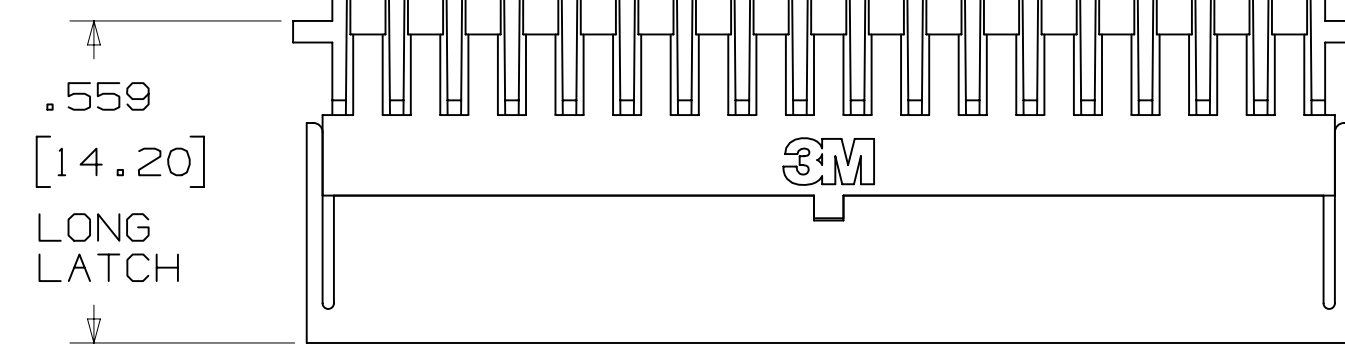
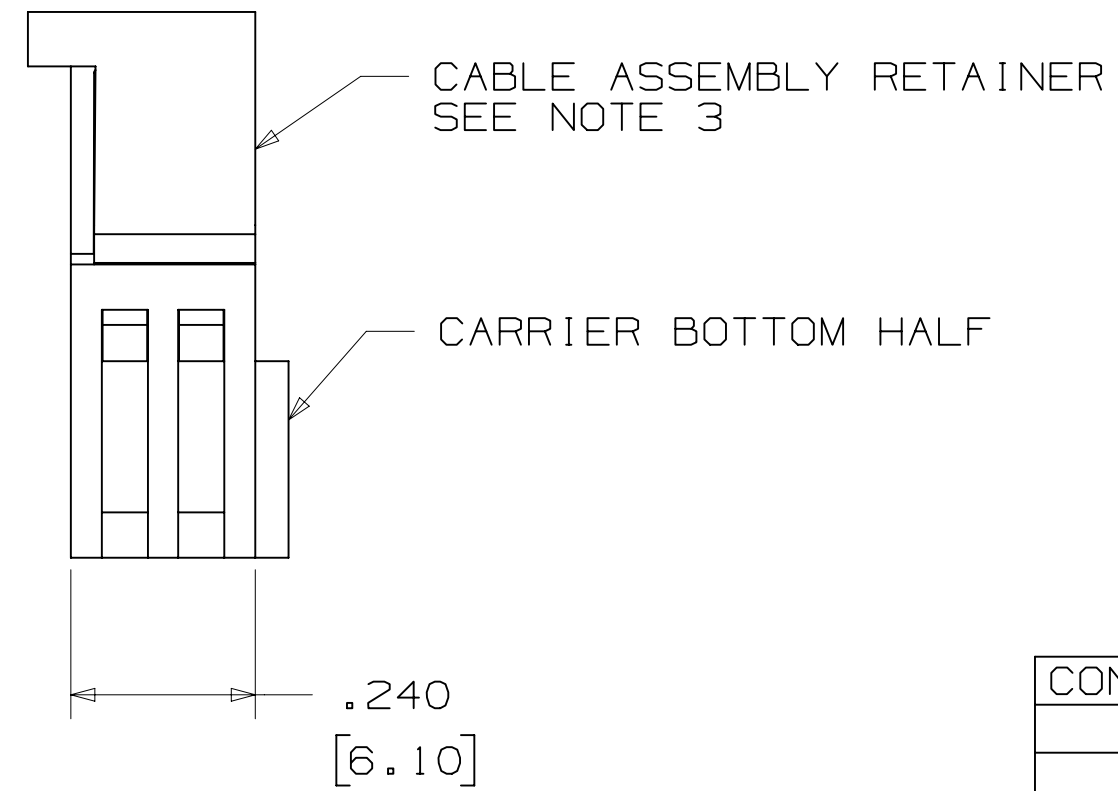
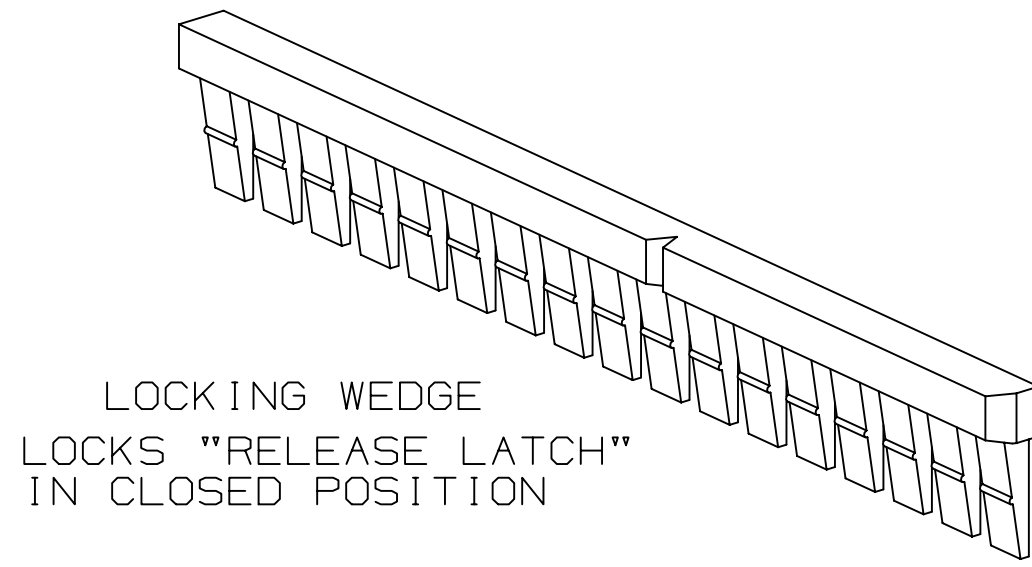
98XX - XXXX

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

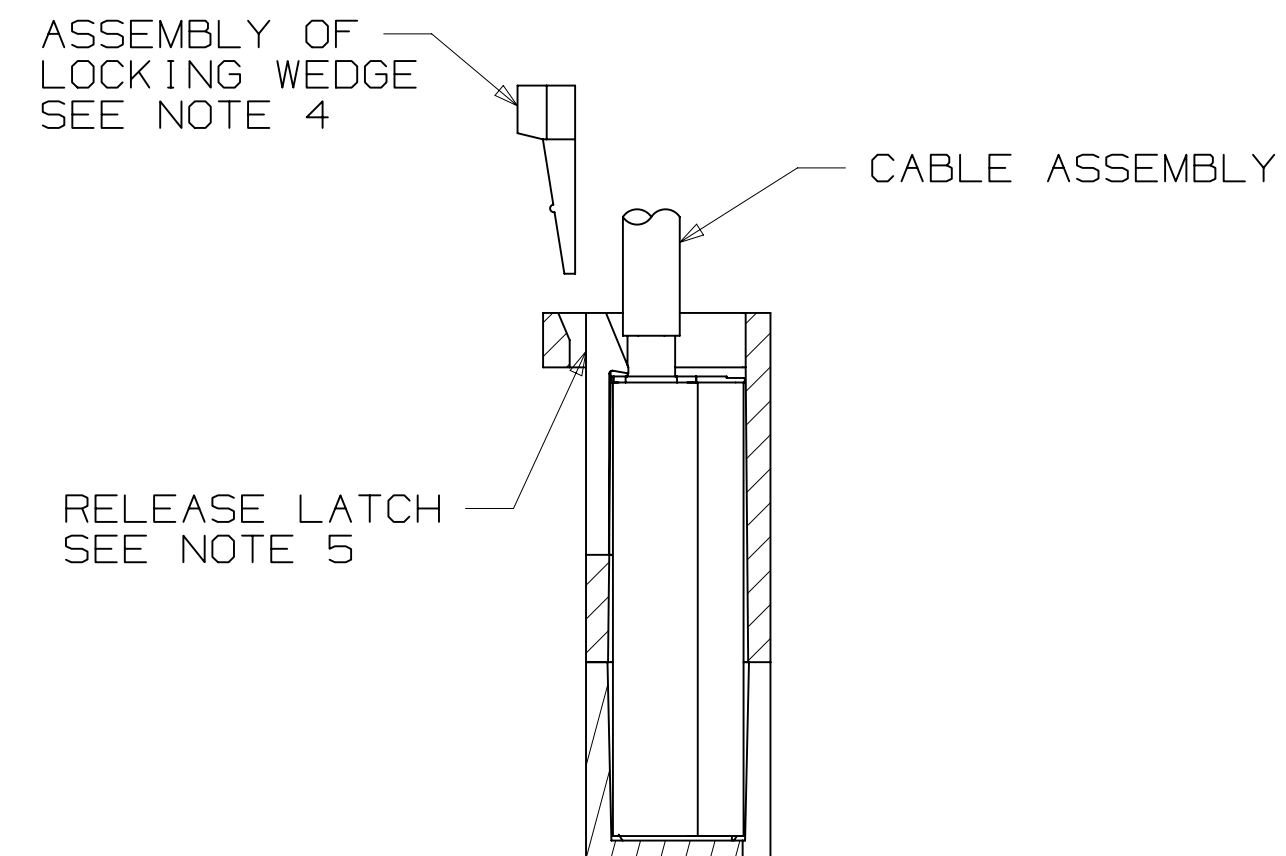


LONG LATCH CARRIER

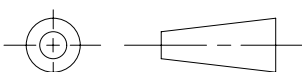
TABLE 1: CARRIER POSITIONS

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]

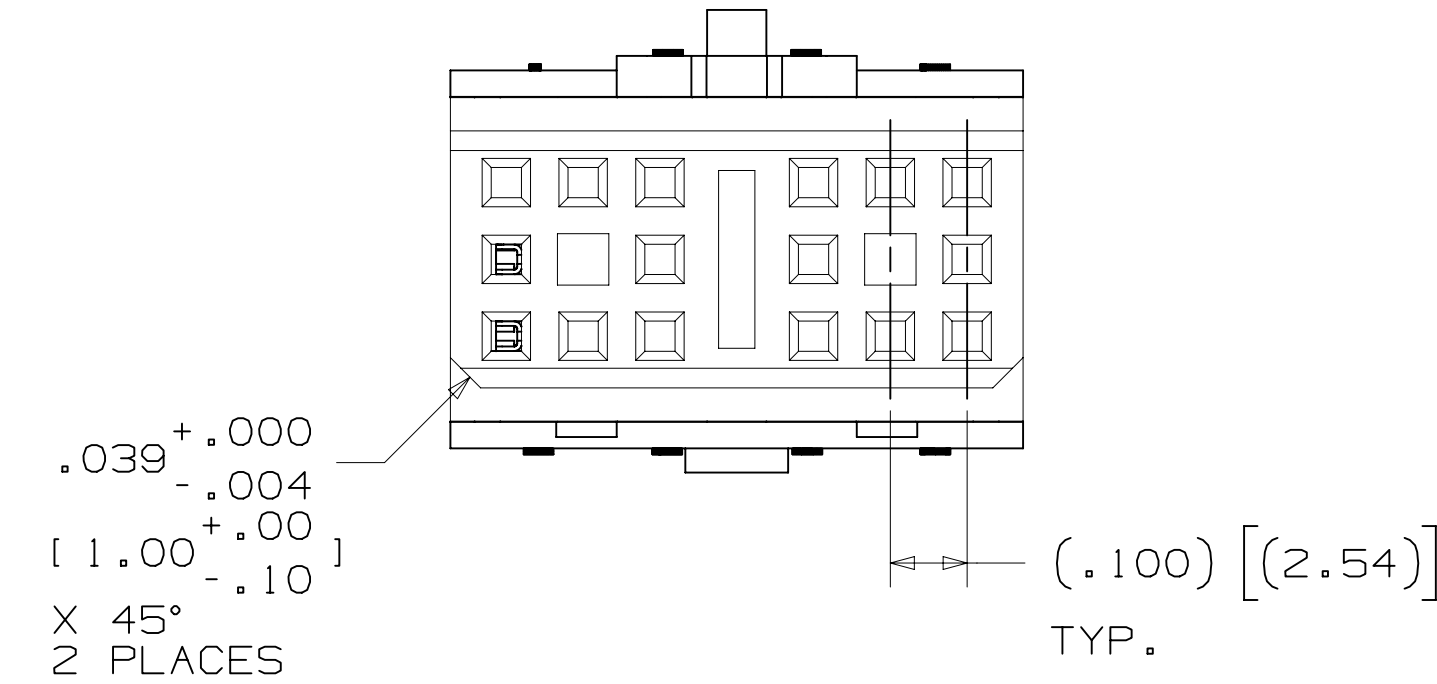
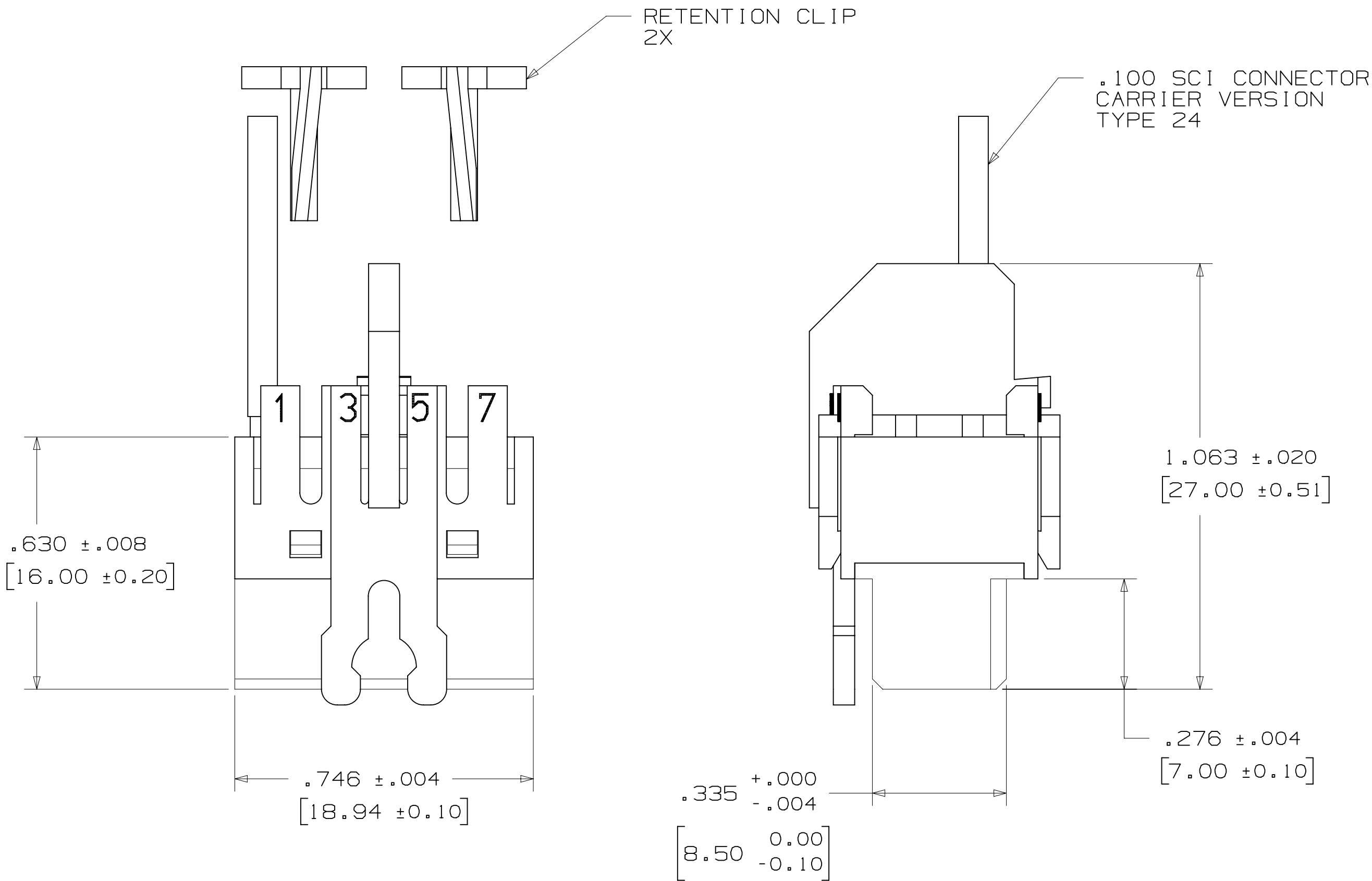
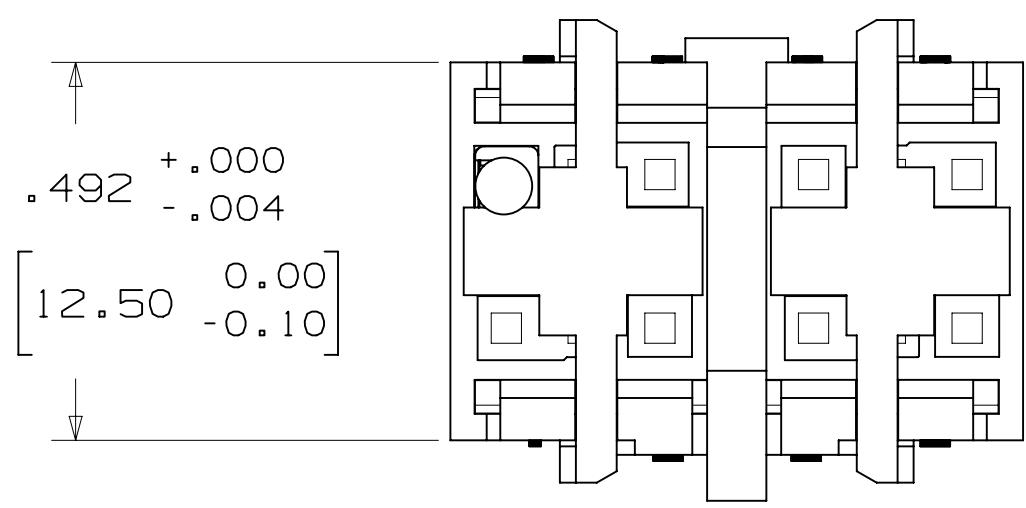
* TOOLED POSITIONS: CONTACT 3M SALES FOR ADDITIONAL POSITIONS



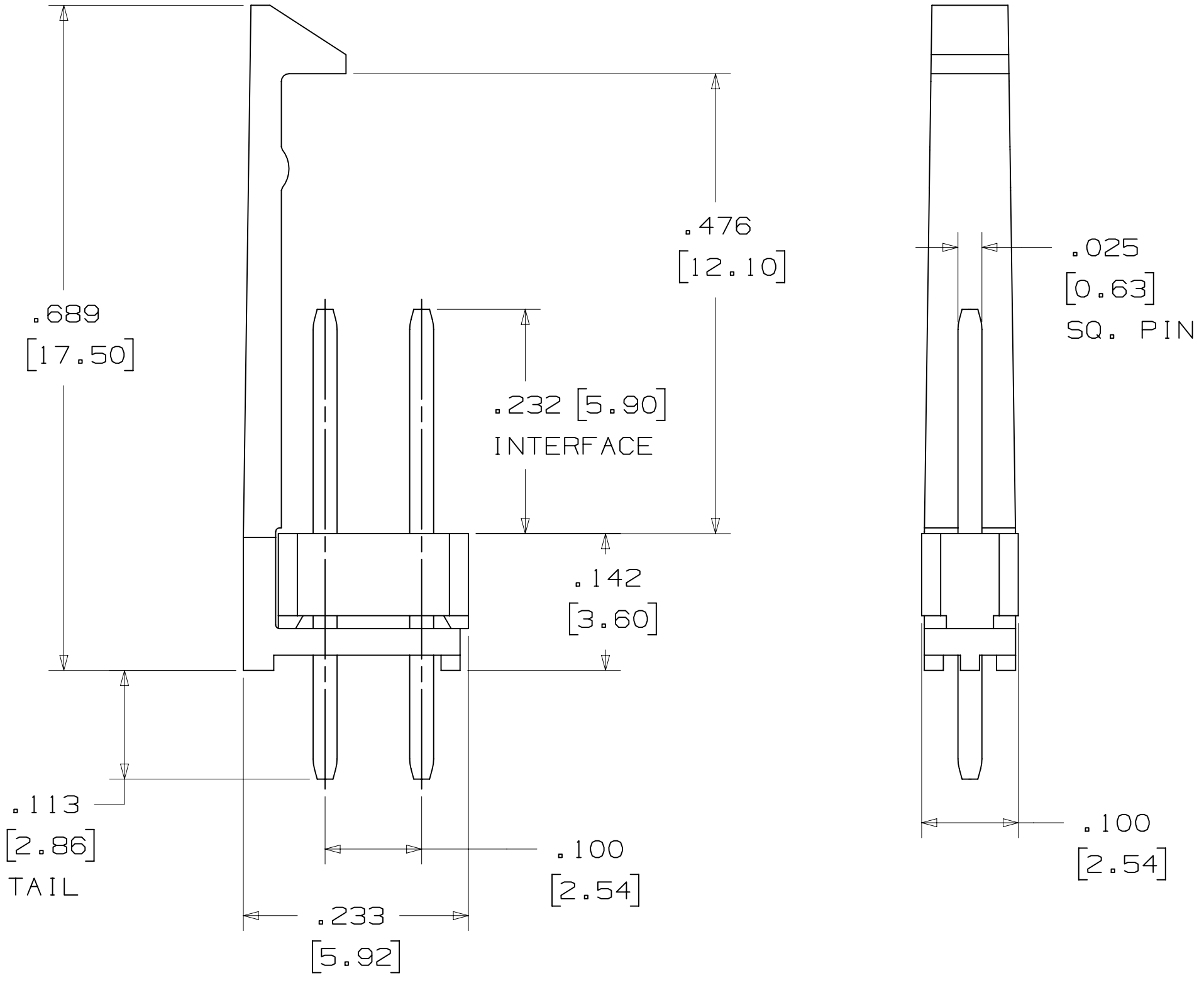
SECTION A - A

DESIGN REFERENCE NEXT ASSEMBLY		B 44714		JAN 03 2013		JNC		RS	
REV ECO		ISSUE DATE AND DESCRIPTION		DRFT		CHKD		CASTIGLIONE	
DIVISION CODE		DATE		MFG		DATE		DATE	
DIVISION		DIVISION CODE		DATE		APPROV.		DATE	
Interconnect Solutions		ISD		R. SCHERER		JAN 03 2013		JAN 03 2013	
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		INCHES .0 .00 ±.01 .000 ±.005 .0000 ±		TITLE ASSEMBLY HARDWARE .100 SCI CARRIER		.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 78-5100-0802-8		DRAWING NO. 78-5100-0802-8		REV.	
MAX. SURFACE ROUGHNESS 12.5 μm SURFACES		MARKED ONLY		SIZE D		DET.		LISTS	
✓		ANGLES		MODEL		YES		NO	
SHT 2 OF 3		SHT 2 OF 3		SHT 2 OF 3		SHT 2 OF 3		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		0 ±.13		CAGE NUMBER D78-5100-0802-8			
MAX SURFACE ROUGHNESS		SURFACES		.000 ±		MODEL			
MARKED ONLY		ANGLES		YES		SHT 3 OF 3			