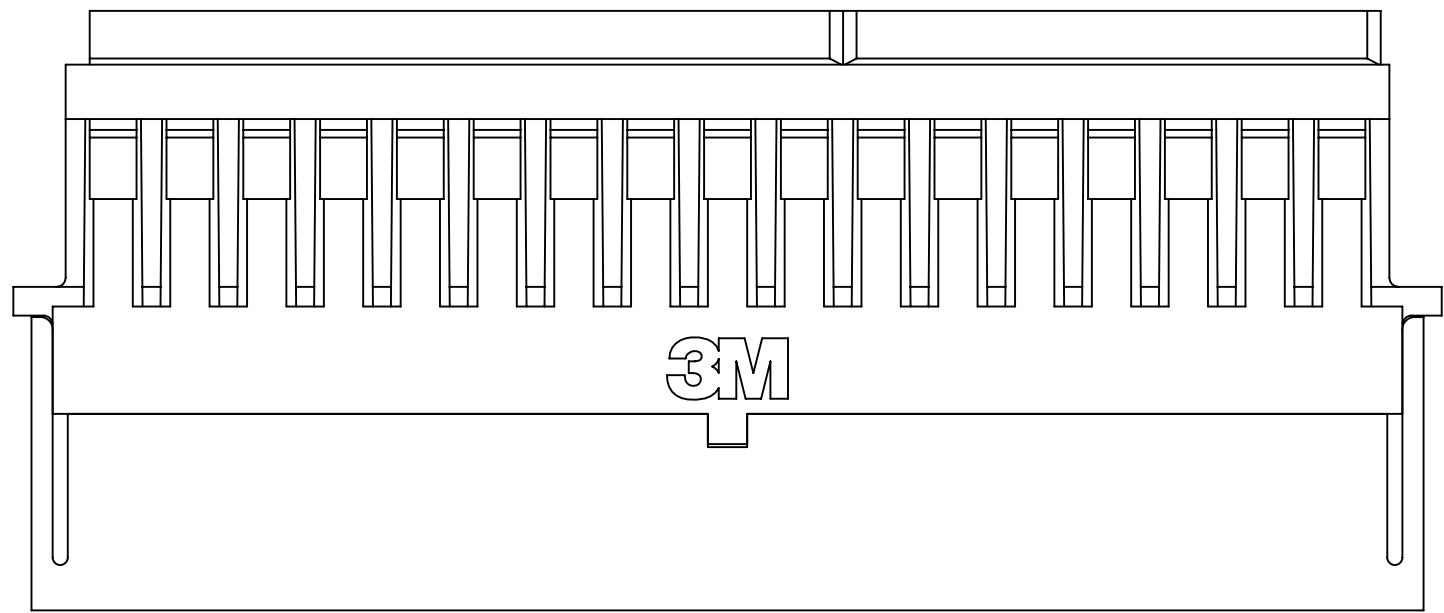
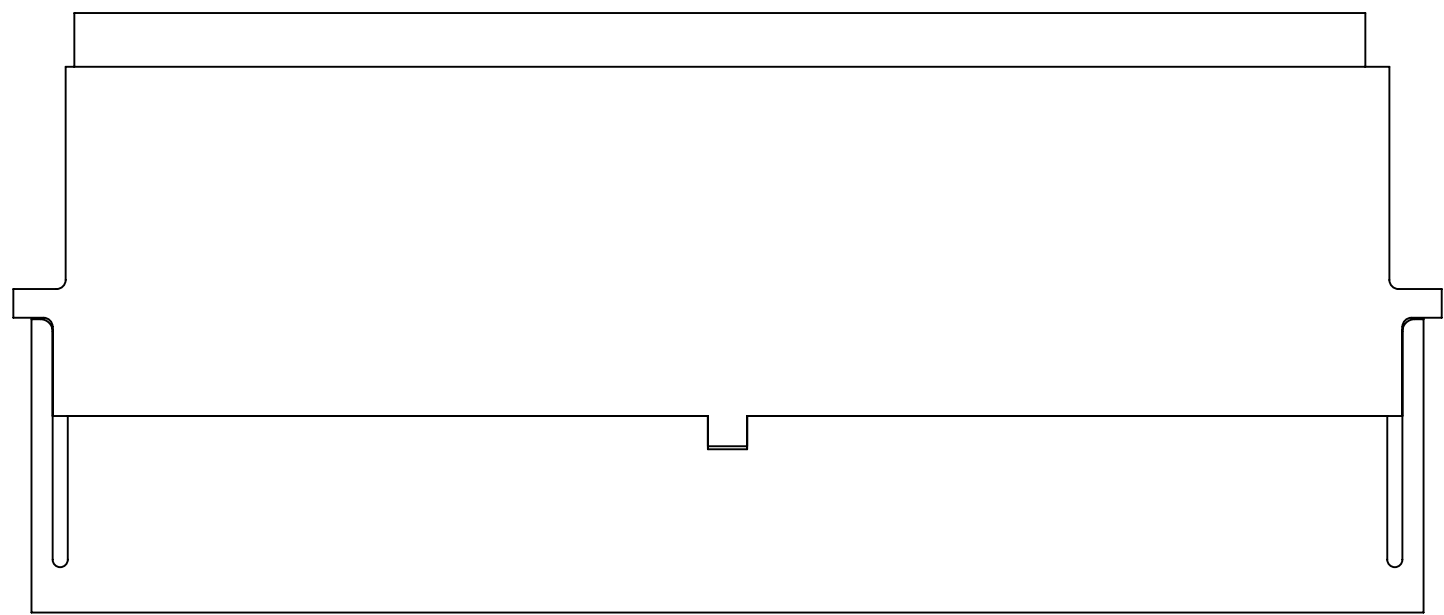


3M™ SHIELDED CONTROLLED IMPEDANCE (SCI)

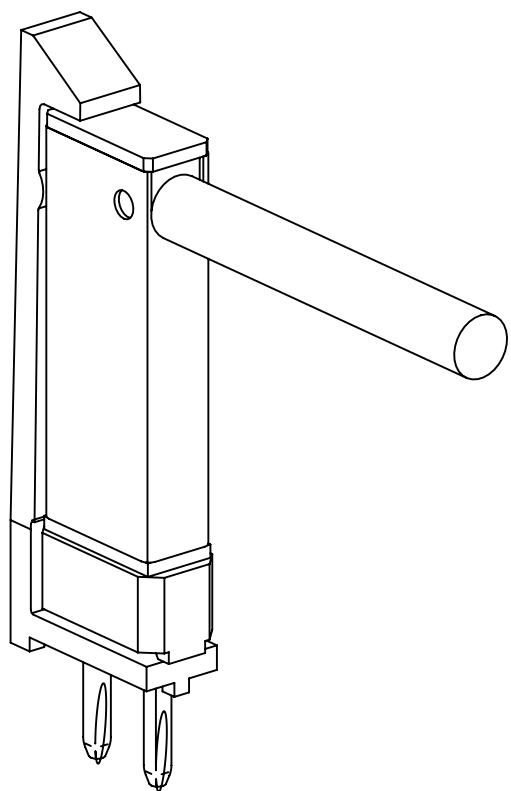
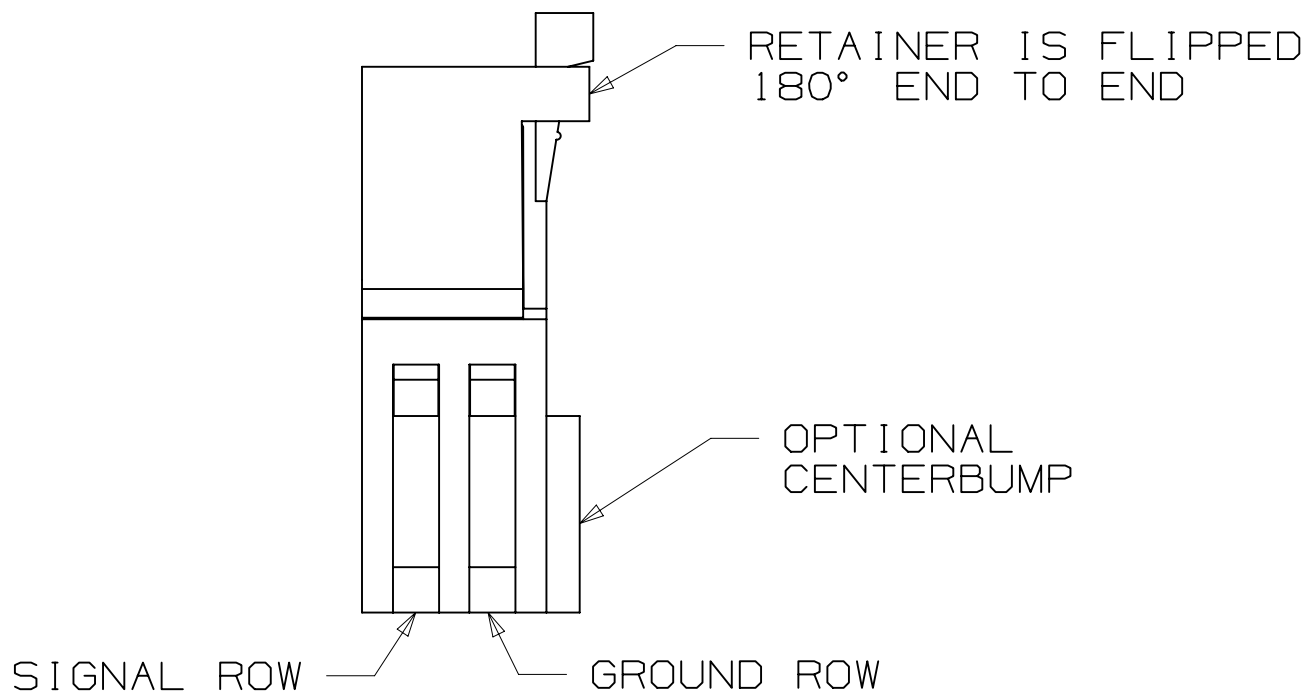
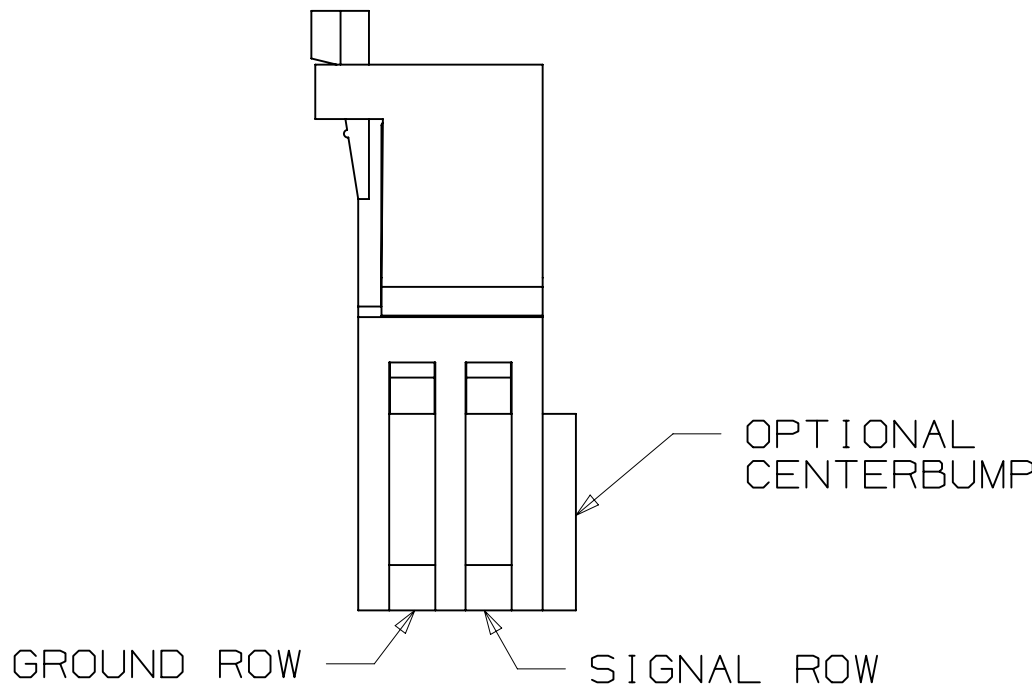
.100" ASSEMBLY HARDWARE



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

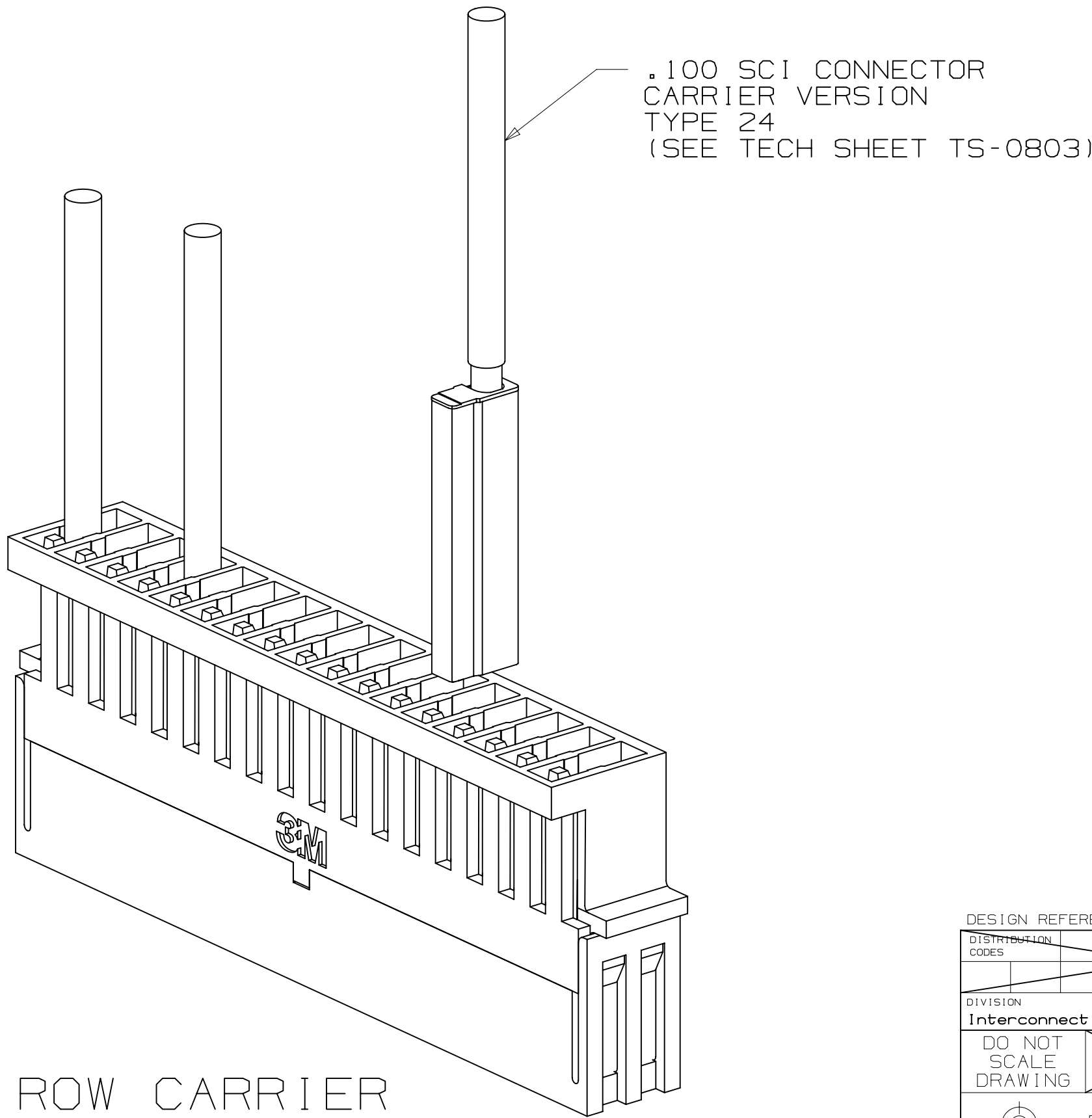
- * INTEGRAL LOCKING FEATURE.
- * INCLUDES TWO RETENTION CLIPS.

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.

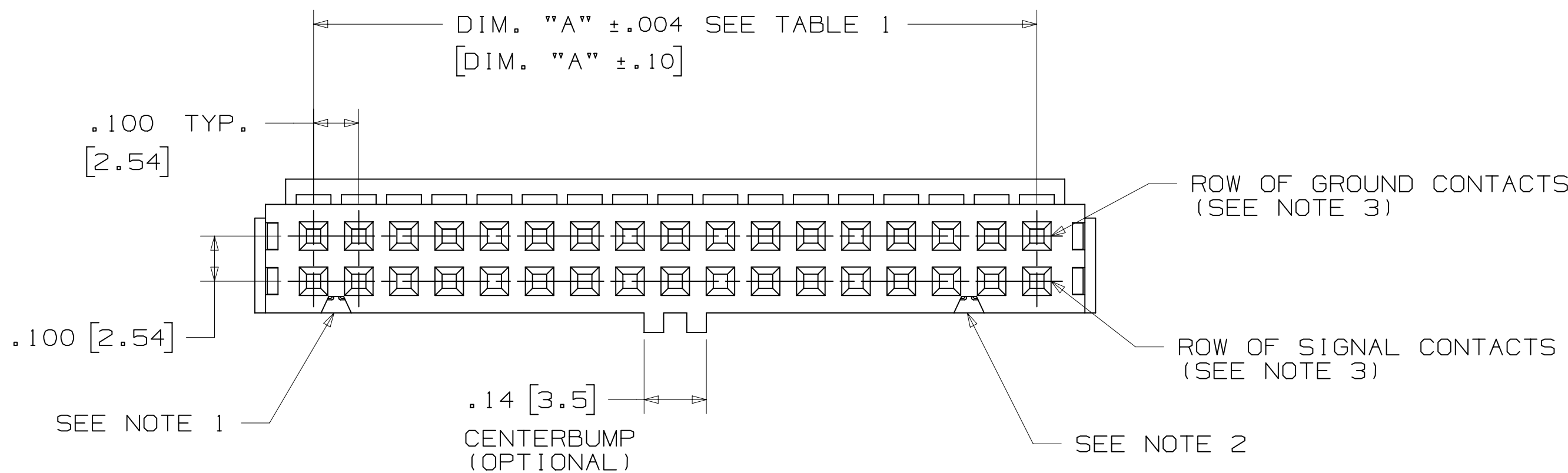
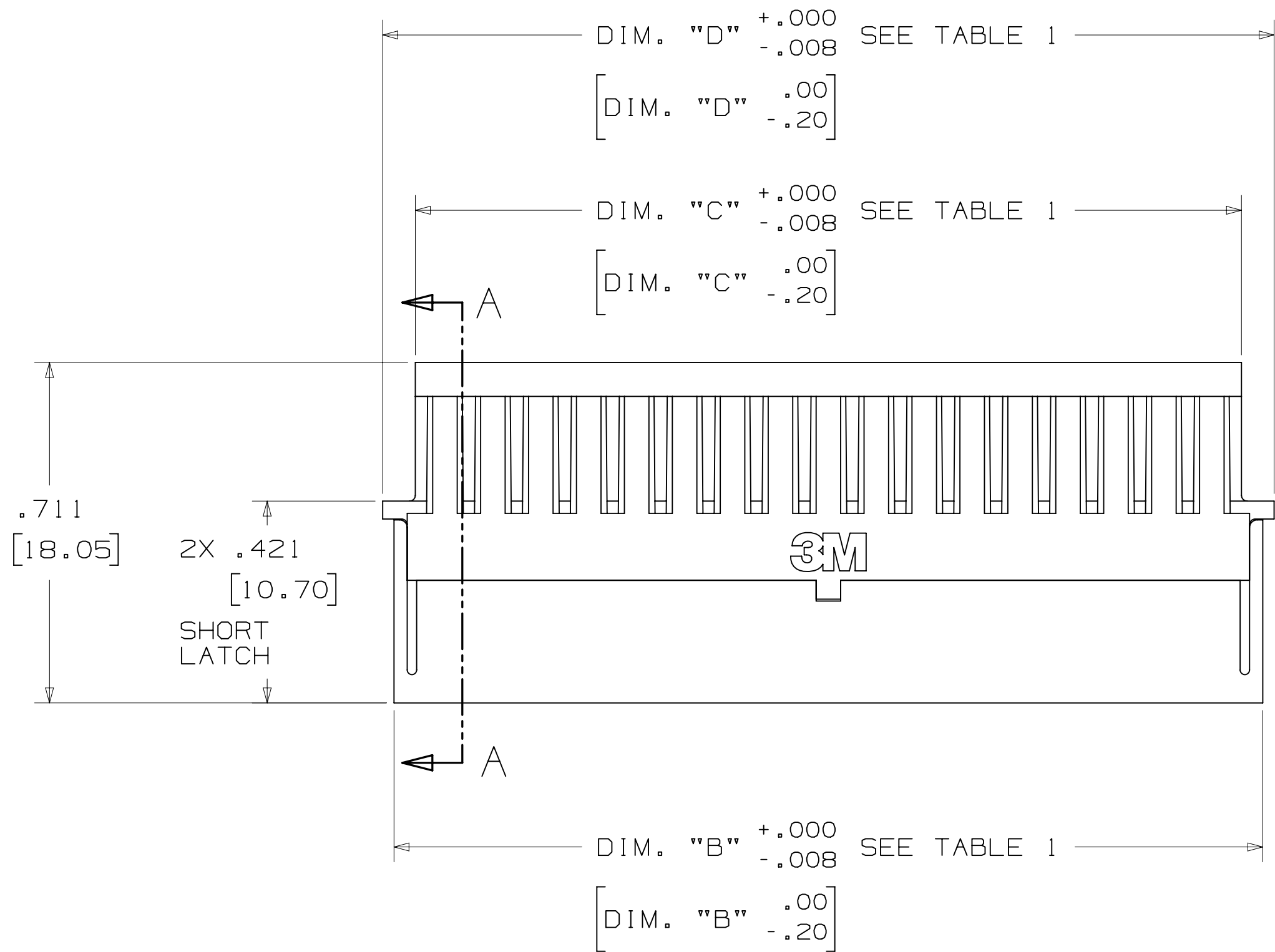
3M ELECTRONIC SOLUTIONS DIVISION
INTERCONNECT SOLUTIONS
<http://www.3mconnectors.com>

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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		CAGE NUMBER	
THIRD ANGLE PROJECTION		INTERPRET PER ASME Y14.5 - 1994		.00 ± .01		0 ± .13		DRAWING NO.	
MAX SURFACE ROUGHNESS		MARKED ONLY		.000 ± .000		.000 ± .000		REV.	
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JAN 03,2013		JAN 03,2013		JAN 03,2013		JAN 03,2013		JAN 03,2013	
ASSEMBLY HARDWARE, .100 SCI CARRIER		ASSEMBLY HARDWARE, .100 SCI CARRIER		ASSEMBLY HARDWARE, .100 SCI CARRIER		ASSEMBLY HARDWARE, .100 SCI CARRIER		ASSEMBLY HARDWARE, .100 SCI CARRIER	
CAGE NUMBER		DRAWING NO.		REV.		REV.		REV.	
D 78-5100-0802-8		D 78-5100-0802-8		B		B		B	
MODEL		MODEL		MODEL		MODEL		MODEL	
LISTS		LISTS		LISTS		LISTS		LISTS	
YES		YES		YES		YES		YES	
NO		NO		NO		NO		NO	
SHT 1 OF 3		SHT 1 OF 3		SHT 1 OF 3		SHT 1 OF 3		SHT 1 OF 3	

3M™ SHIELDED CONTROLLED IMPEDANCE (SCI)

.100" ASSEMBLY HARDWARE



ORDERING INFORMATION

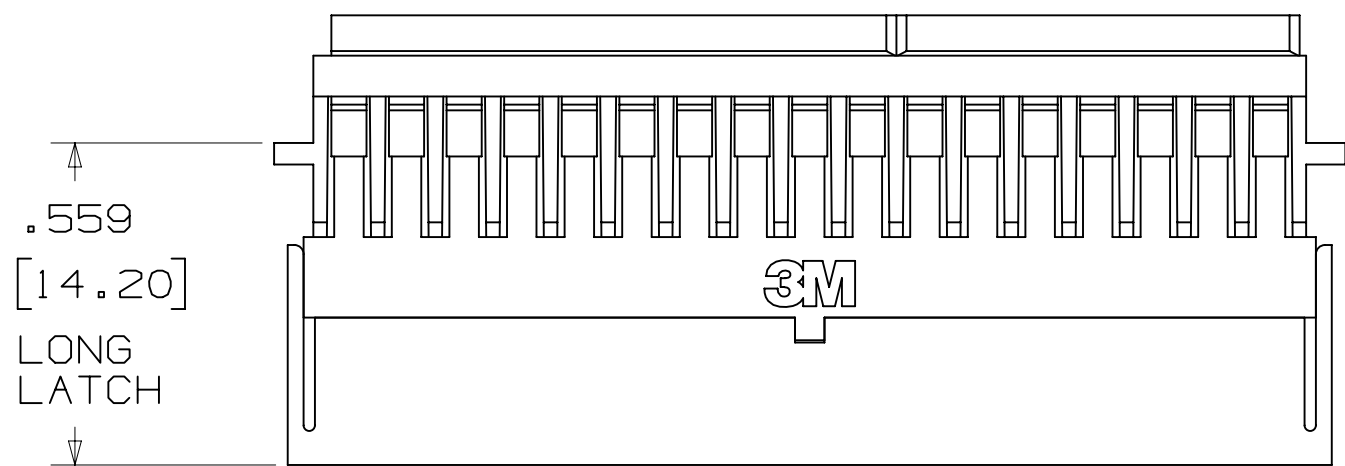
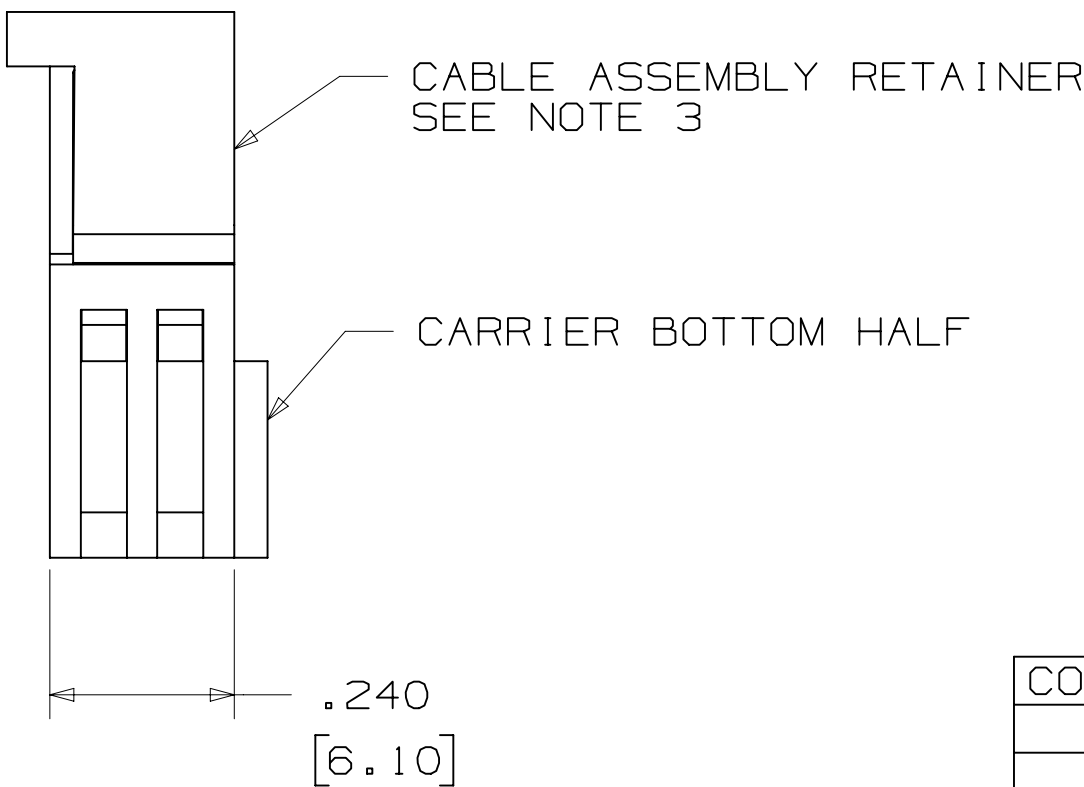
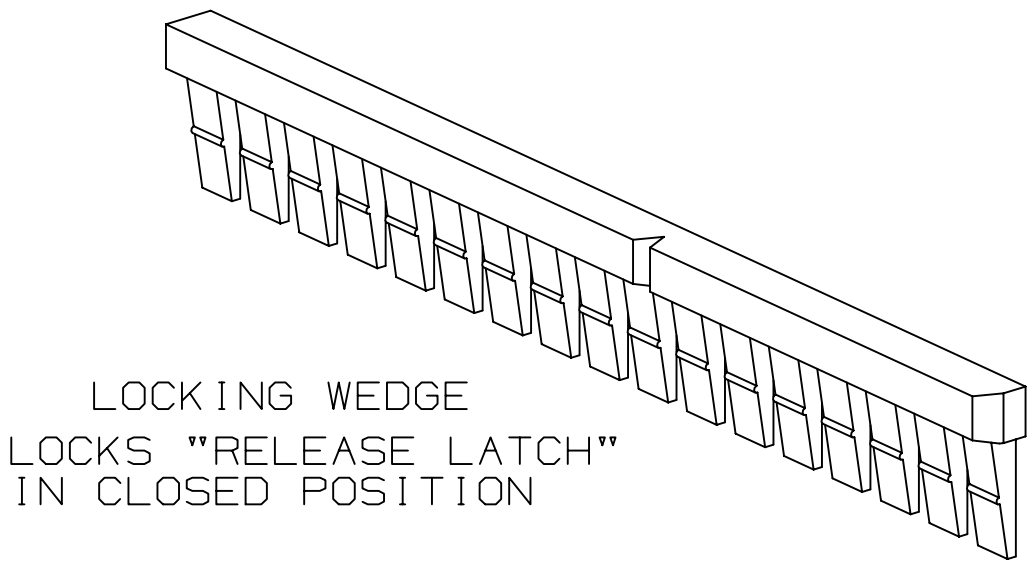
2 ROW CARRIER HOUSING

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

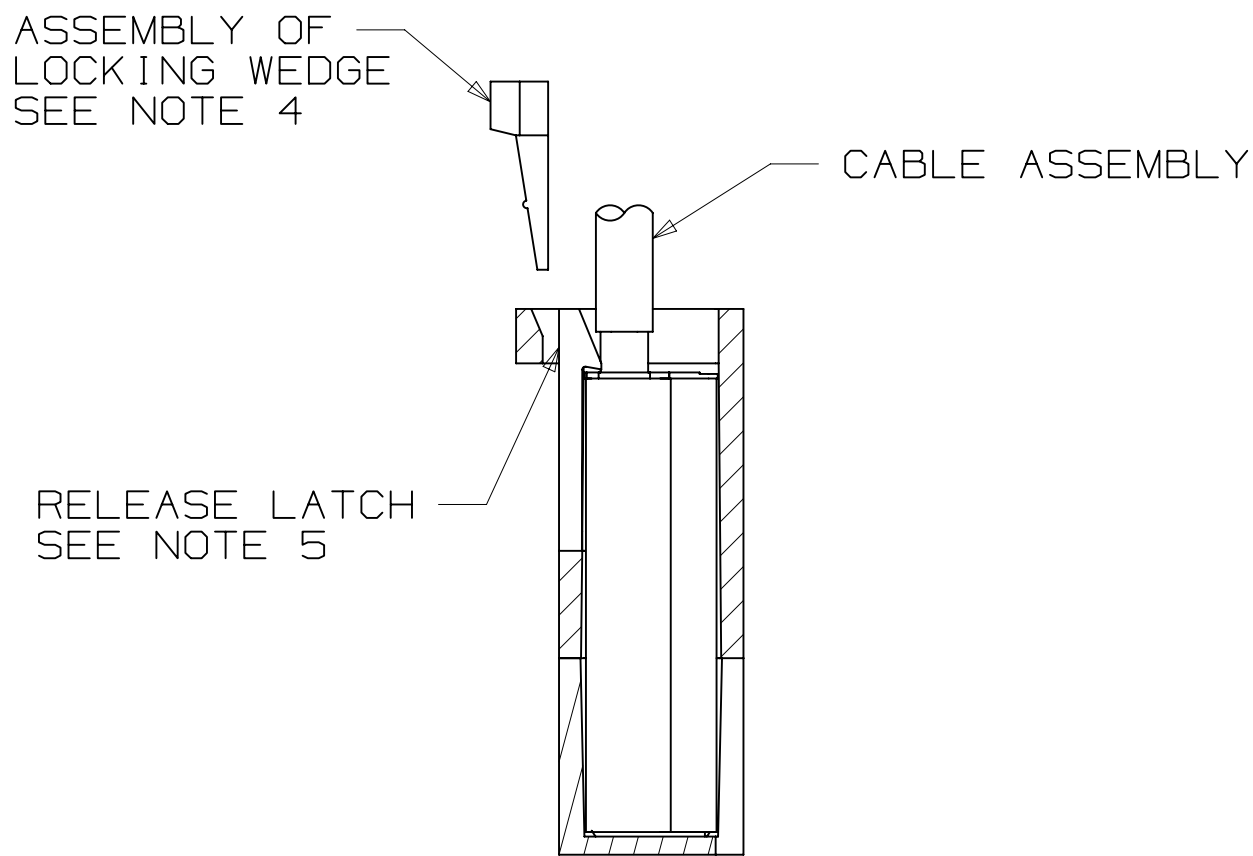


LONG LATCH CARRIER

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



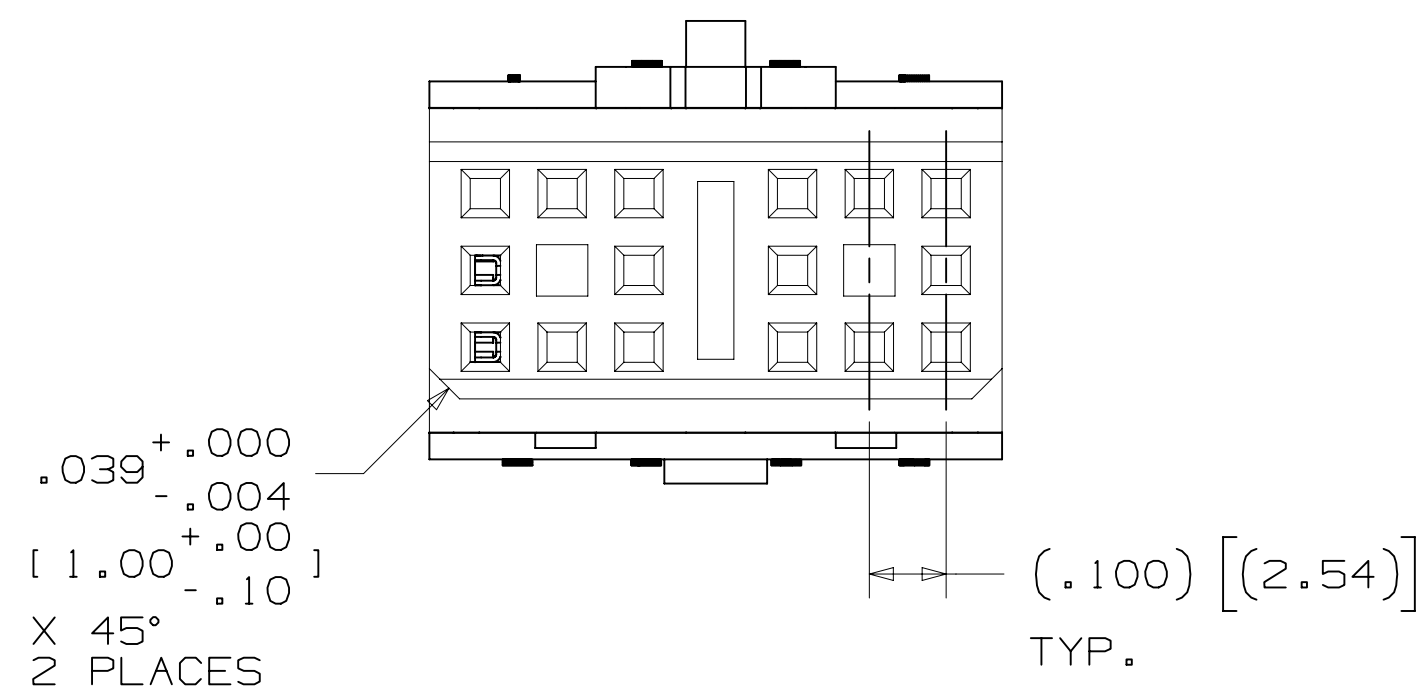
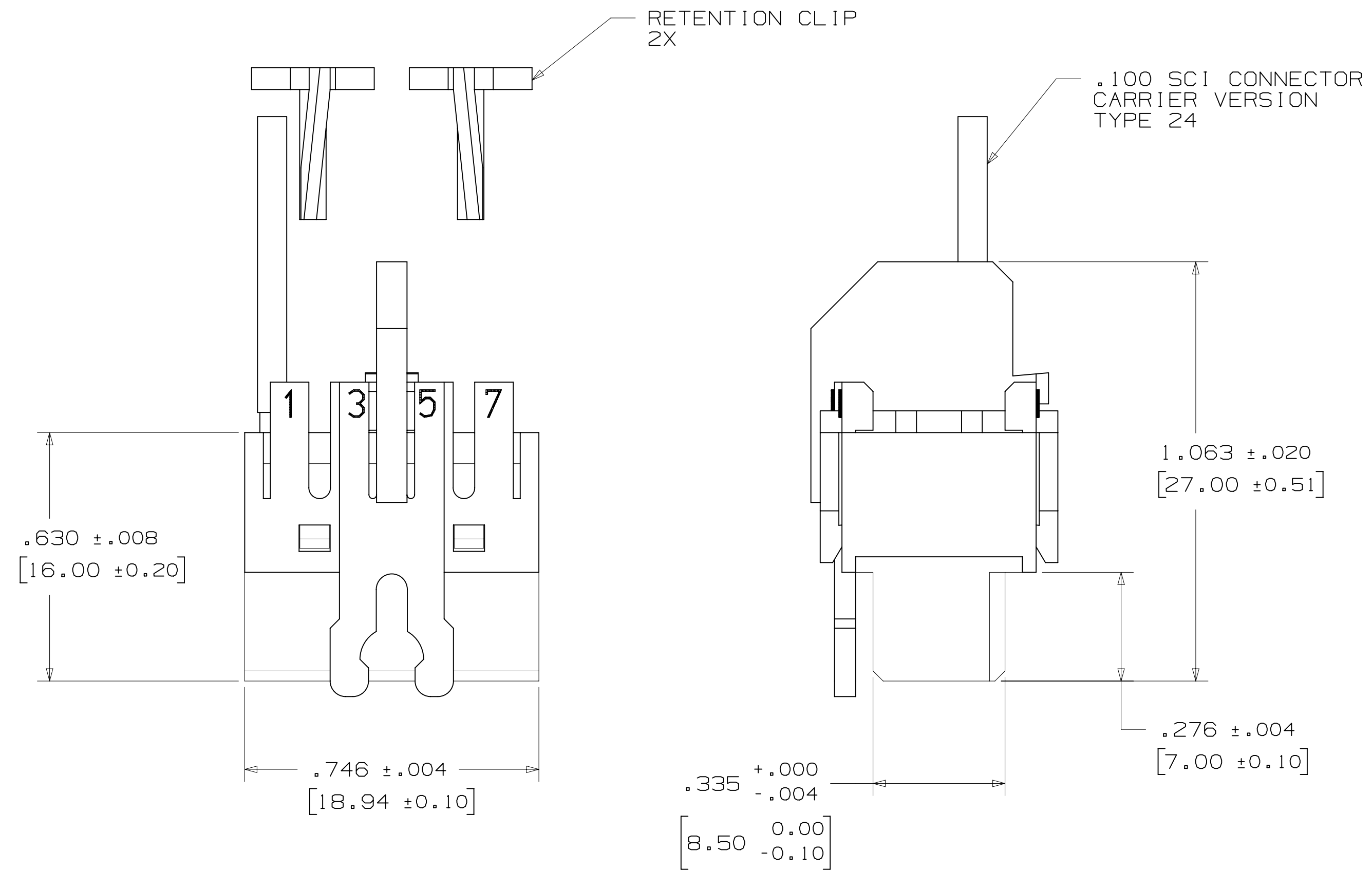
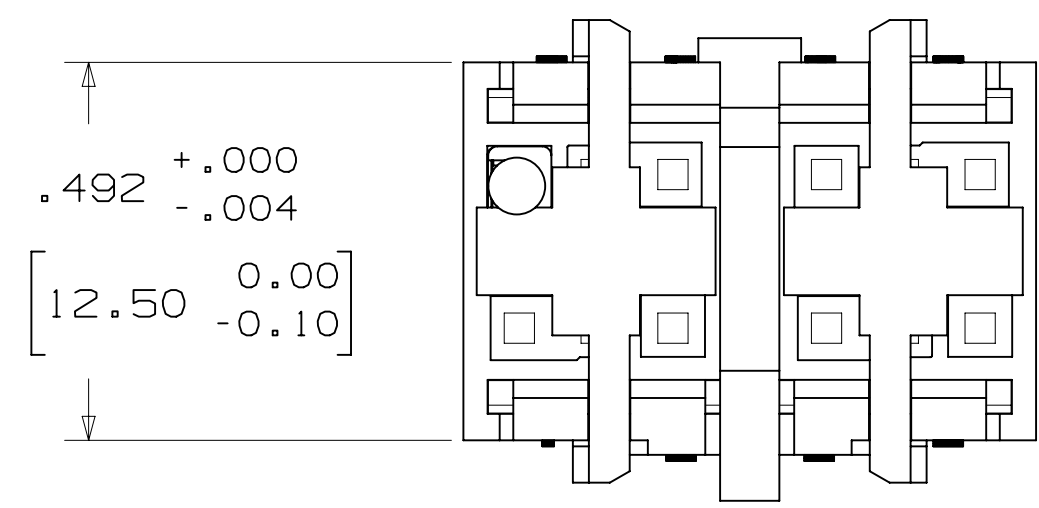
SECTION A - A

- 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.

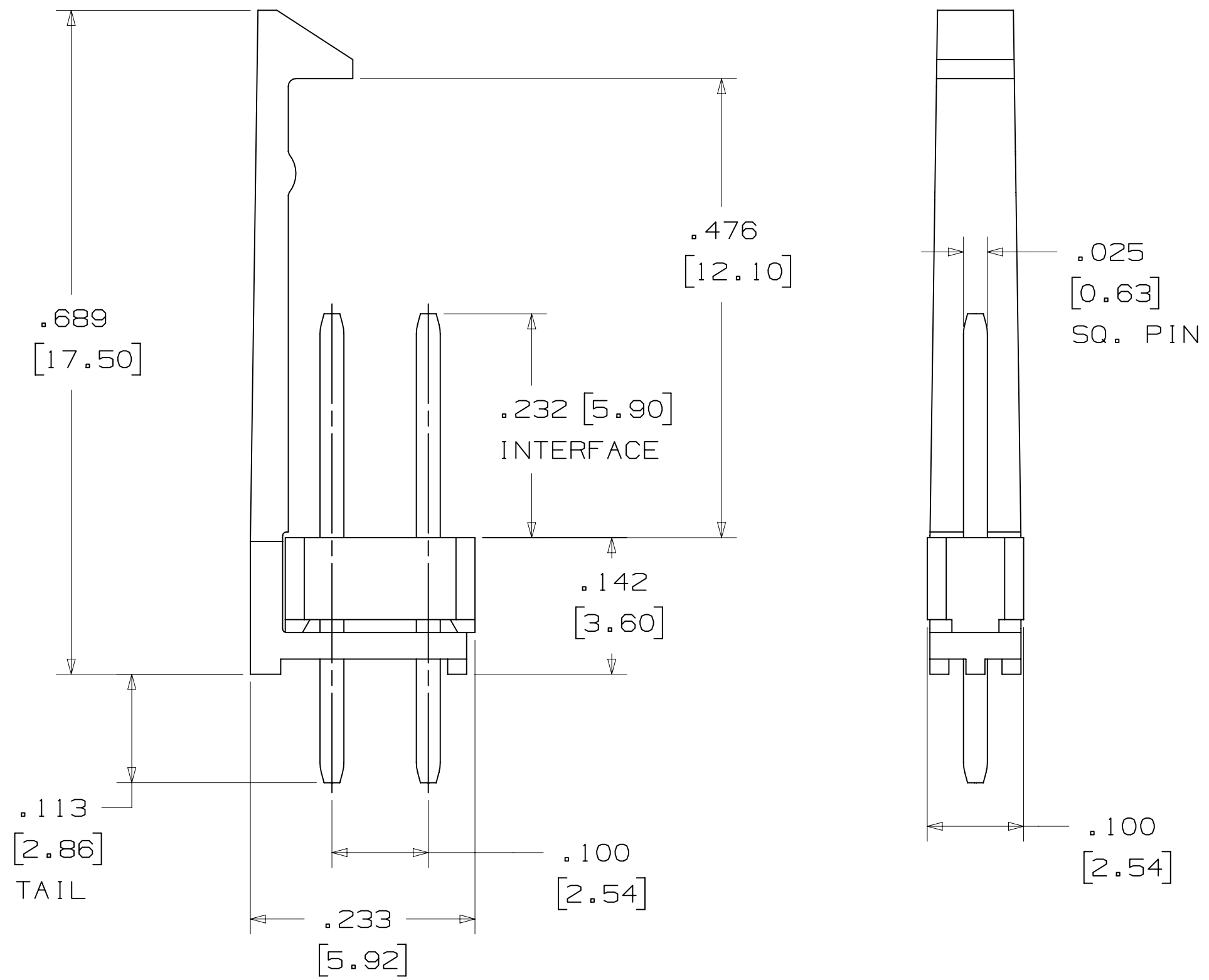
DESIGN REFERENCE		NEXT ASSEMBLY		REV		ECO		ISSUE DATE AND DESCRIPTION		DRFT		CHKD	
DIVISION		DIVISION CODE		DATE		DATE		DATE		DATE		DATE	
Interconnect Solutions		ISD		JAN 03,2013		JAN 03,2013		JAN 03,2013		JAN 03,2013		JAN 03,2013	
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THIRD ANGLE PROJECTION		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		LISTS	
								YES		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

										B	4471	JAN 03, 2013		JNC	RS		
										REVISED AND REDRAWN							
ISSUE REFERENCE NEXT ASSEMBLY										REV	ECO	ISSUE DATE AND DESCRIPTION		DWFT	CHKD		
DISTORTION CODES										DWFT	CAST		GLIGIONE	DATE	JAN 03, 2013	INFO	DATE
										CHKD		DATE				APPROV	DATE
																R. SCHERER	JAN 03, 2013
DIVISION Interconnect Solutions										© 3M COPYRIGHT 2013							
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TOLERANCES EXCEPT AS NOTED										TITLE							
INCHES										ASSEMBLY HARDWARE , .100 SCI CARRIER							
THIRD ANGLE PROJECTION										CAGE NUMBER SIZE DRAWING NO.							
INTERPRET PER ASME Y14.5 - 1994										B							
MAX SURFACE ROUGHNESS										MODEL							
MIN SURFACES										DET. LISTS YES X NO SHT 3 OF 3							
MARKED ONLY																	