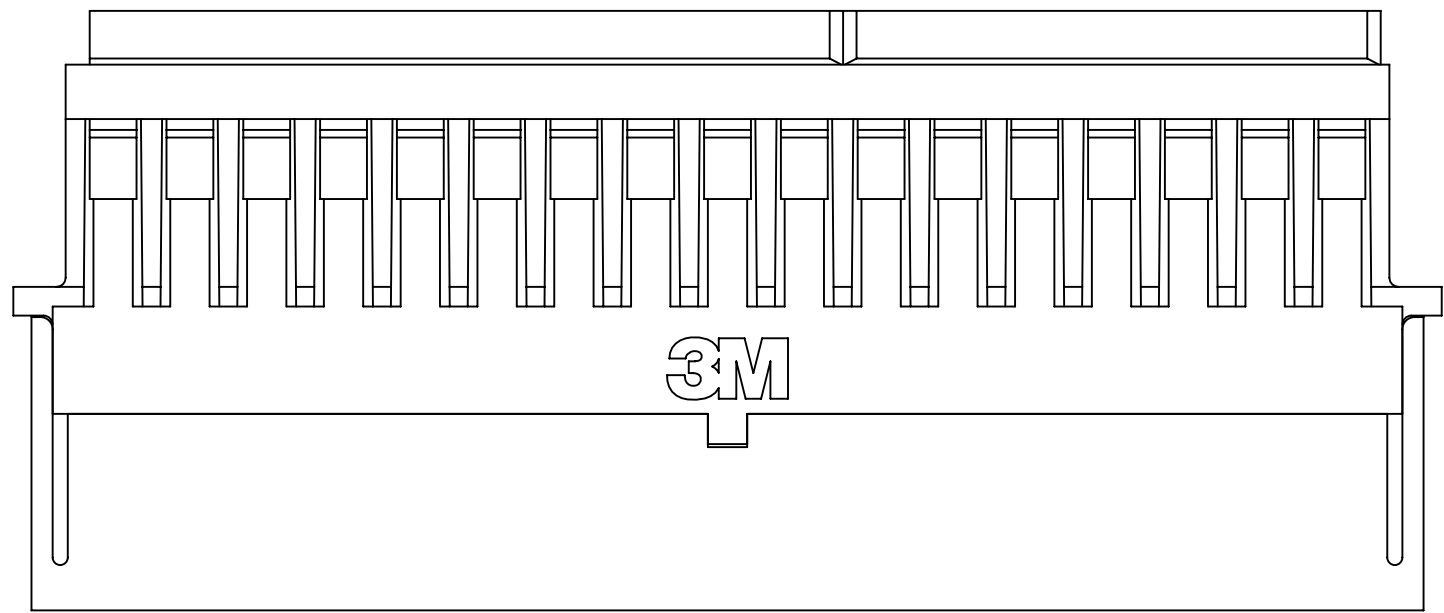
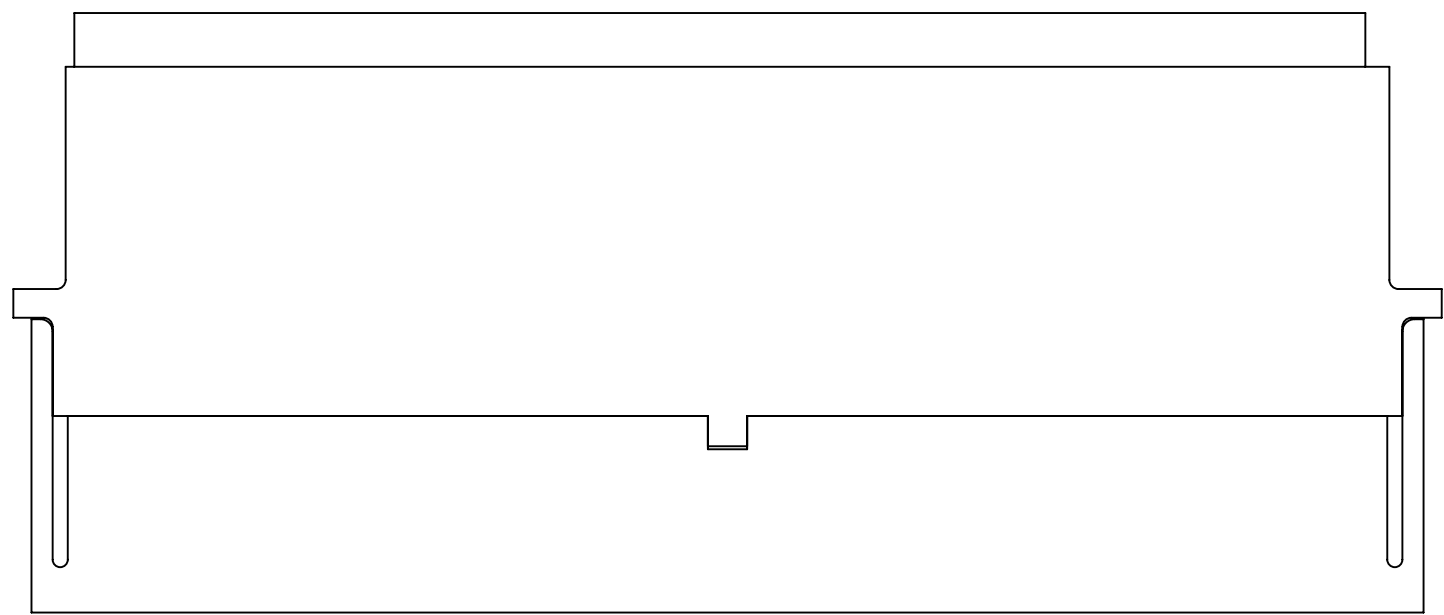


3M™ SHIELDED CONTROLLED IMPEDANCE (SCI)

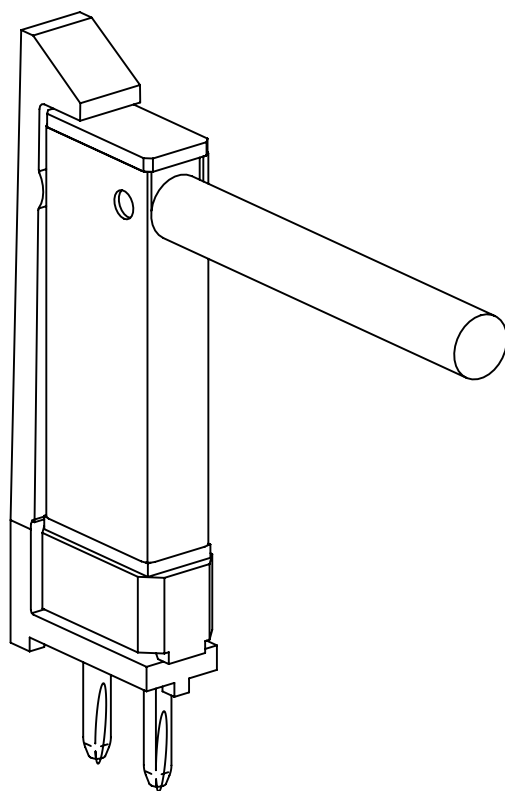
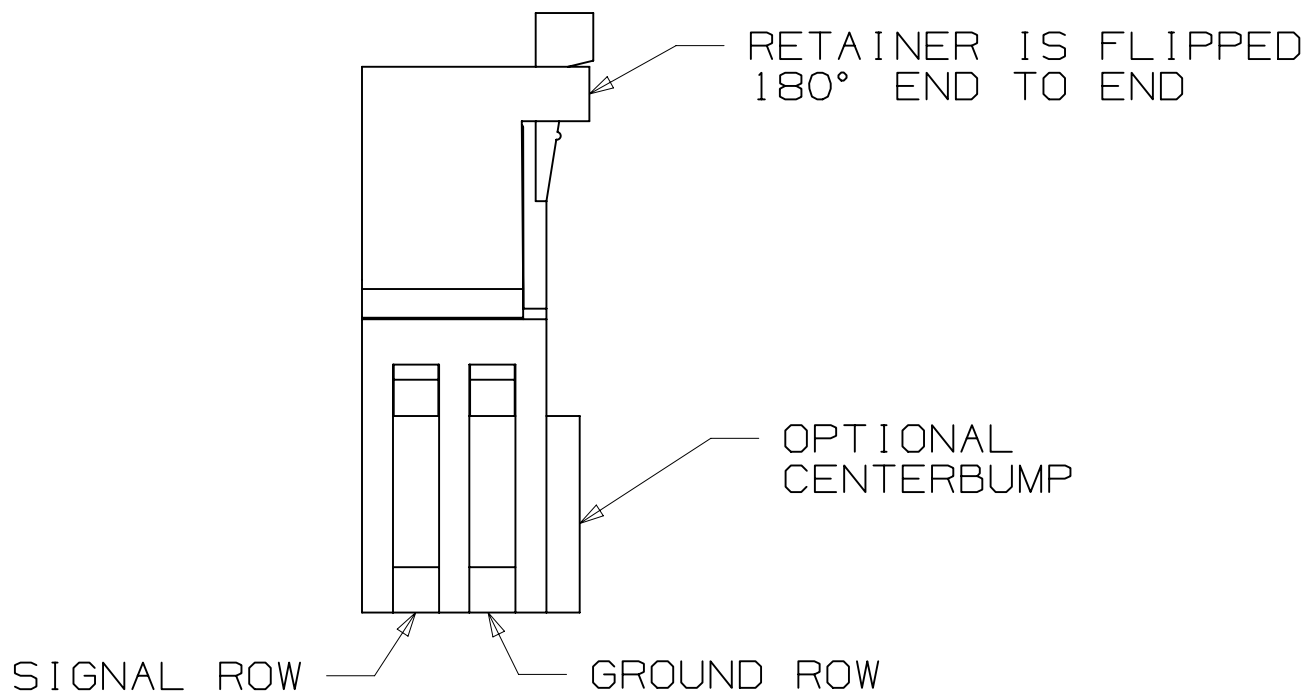
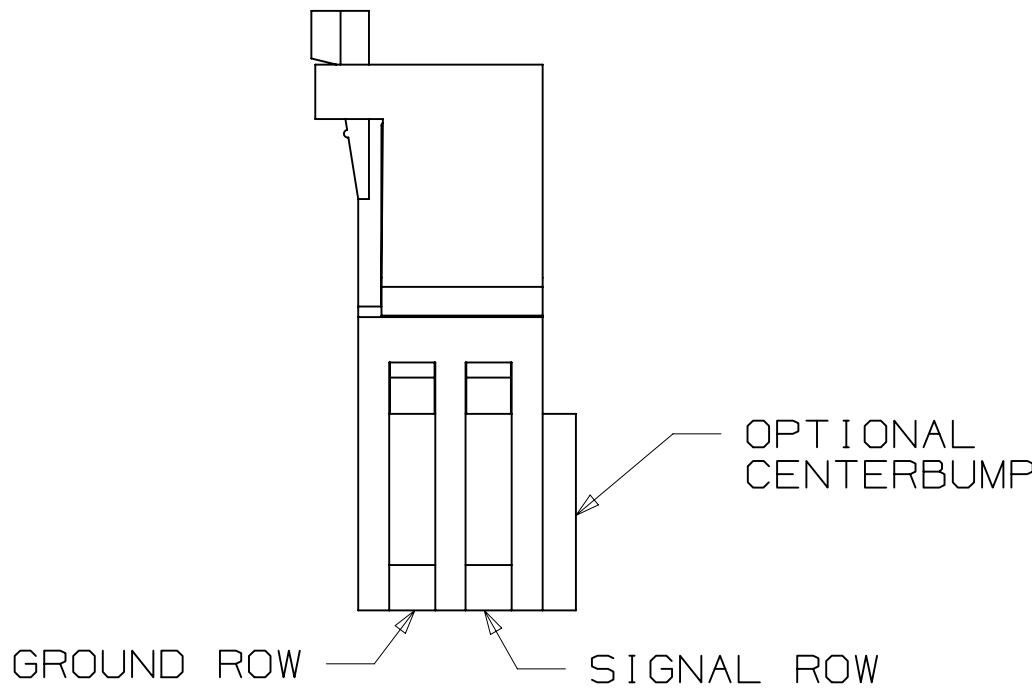
.100" ASSEMBLY HARDWARE



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

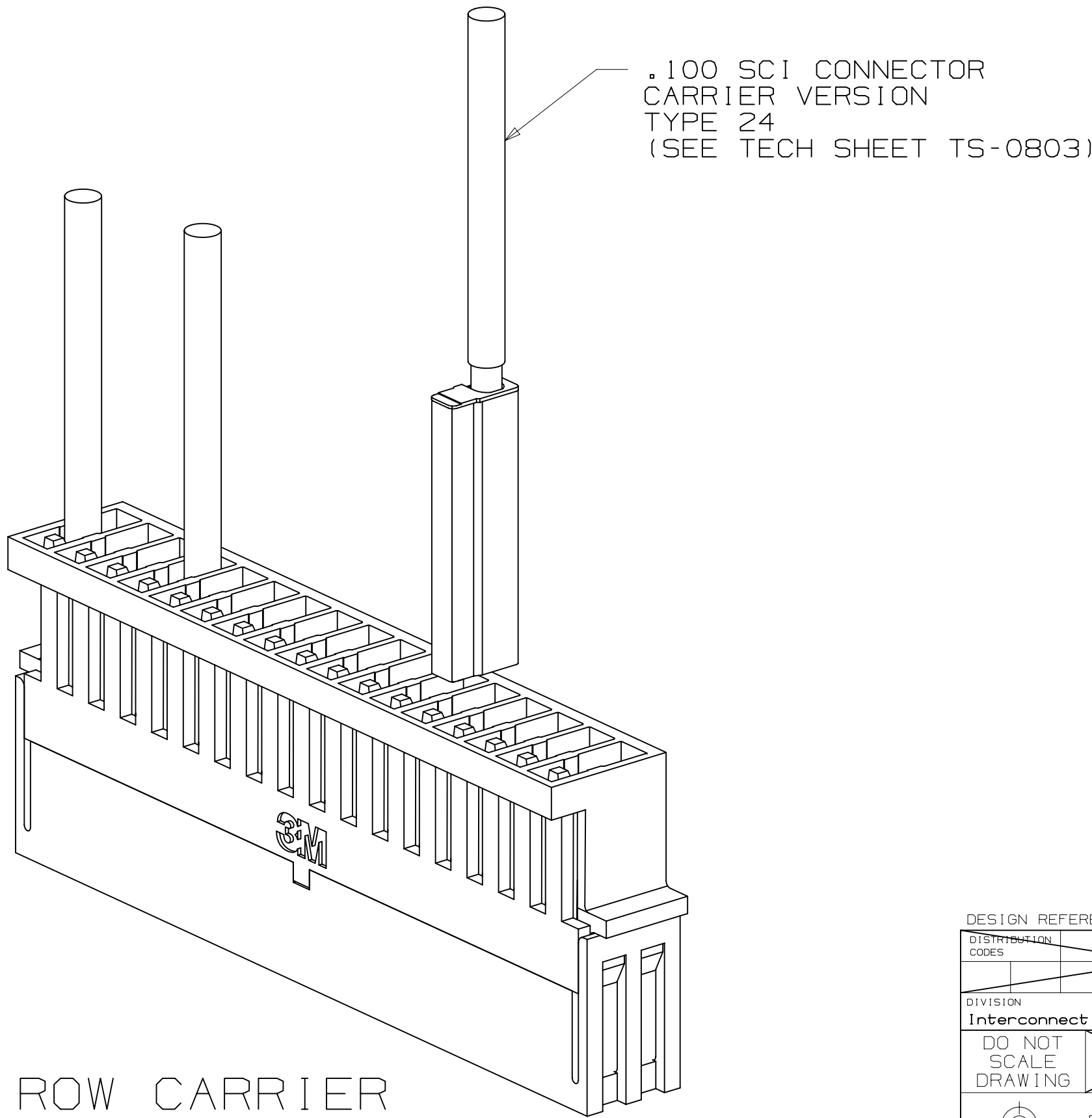
- * INTEGRAL LOCKING FEATURE.
- * INCLUDES TWO RETENTION CLIPS.

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.

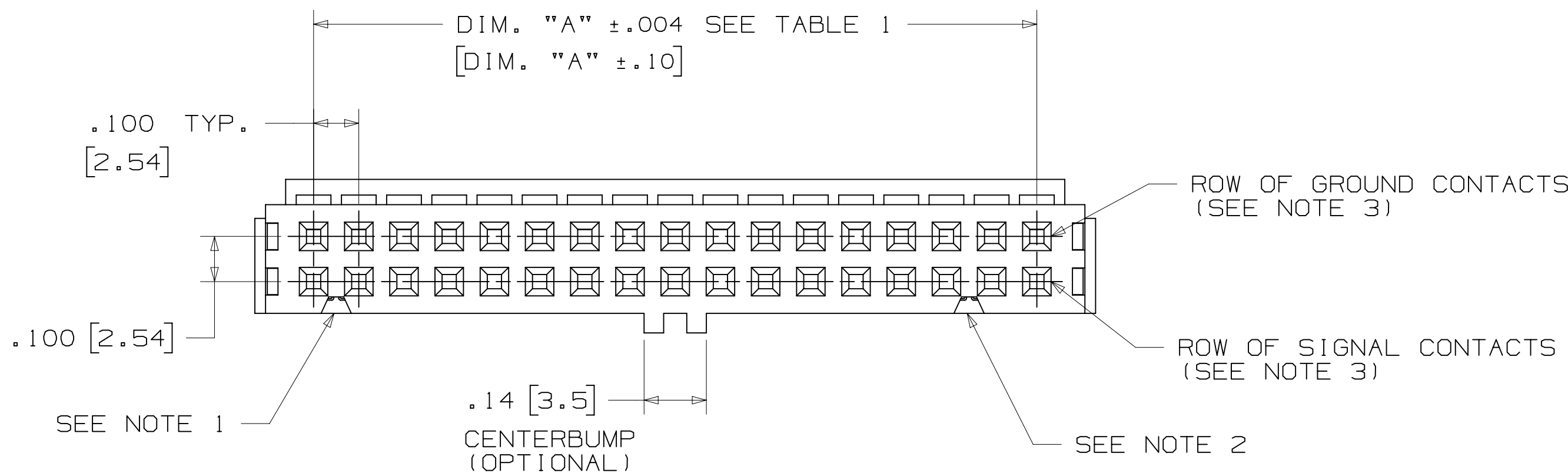
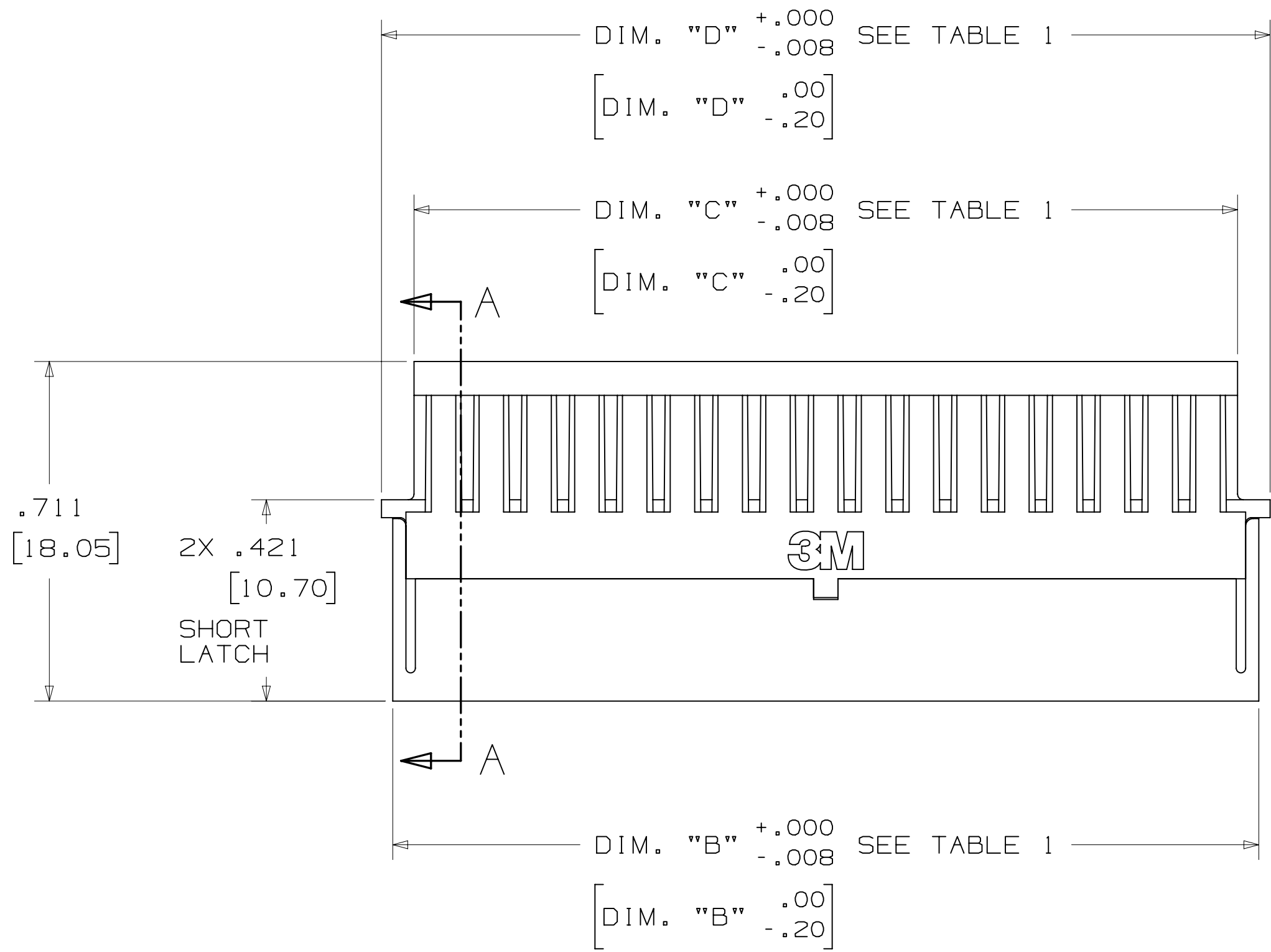
3M ELECTRONIC SOLUTIONS DIVISION
INTERCONNECT SOLUTIONS
<http://www.3mconnectors.com>

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		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 .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

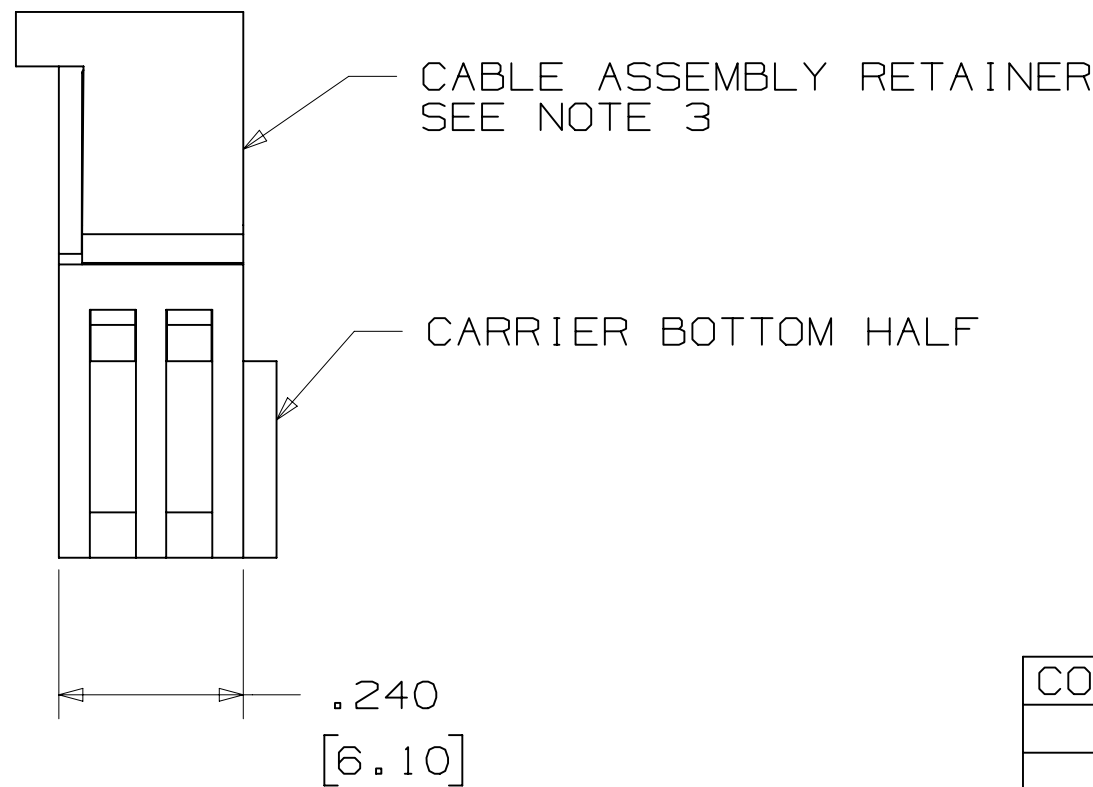
98XX-XXXX

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

LOCKING WEDGE
LOCKS "RELEASE LATCH"
IN CLOSED POSITION



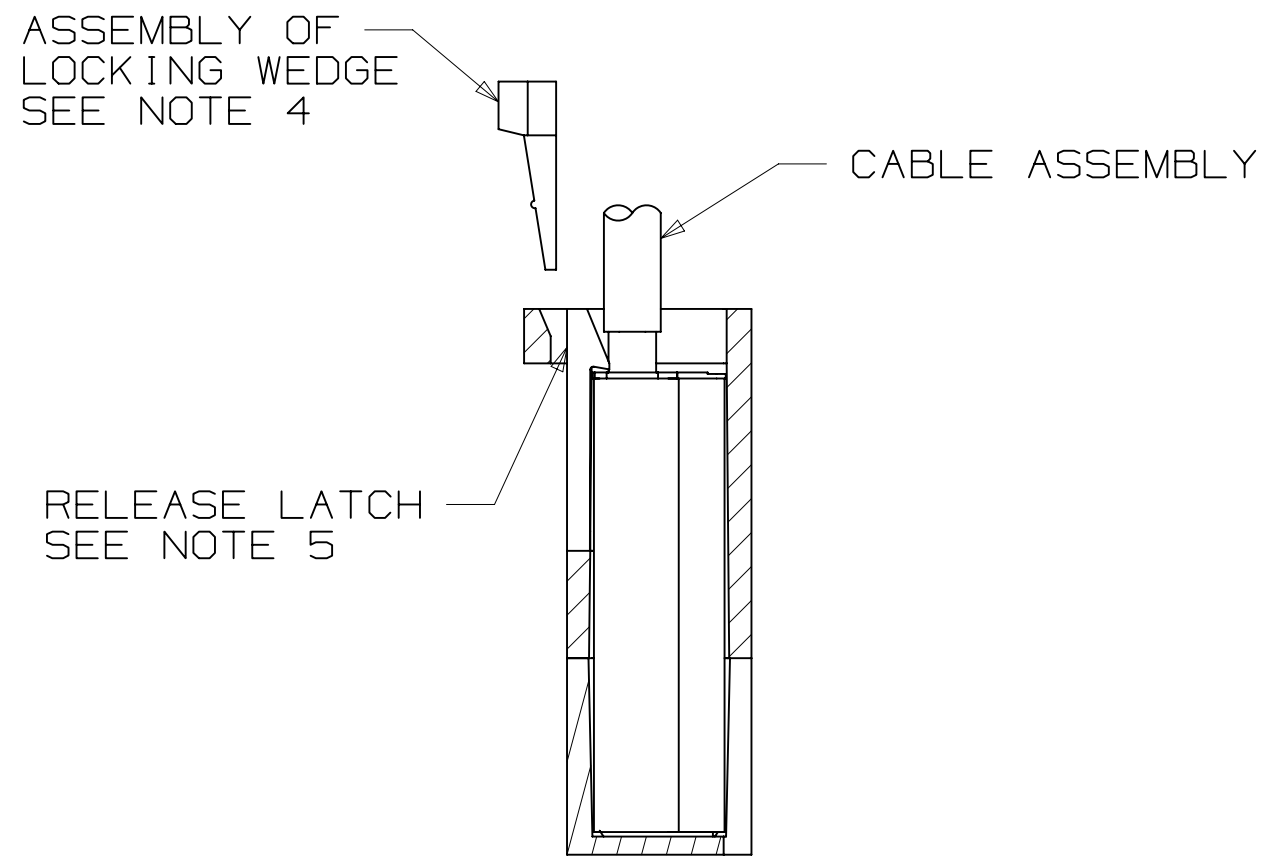
.559
[14.20]
LONG LATCH

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

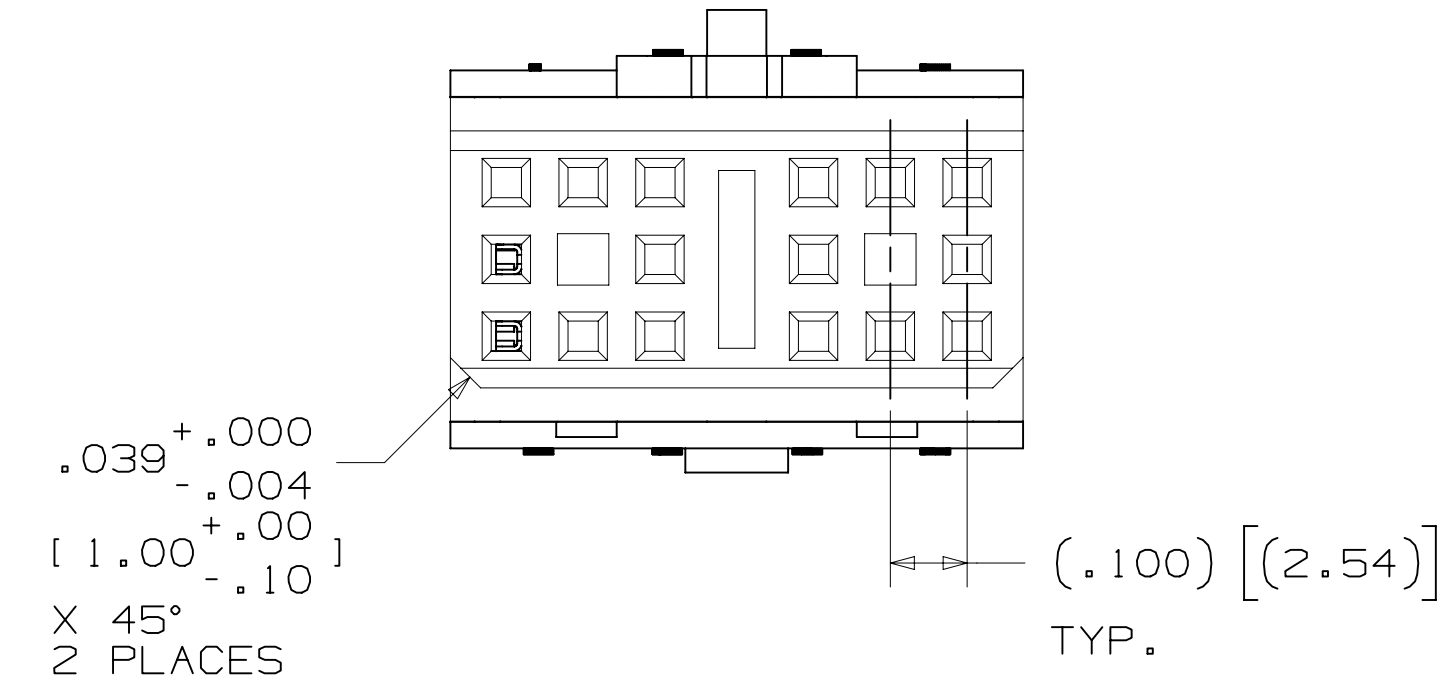
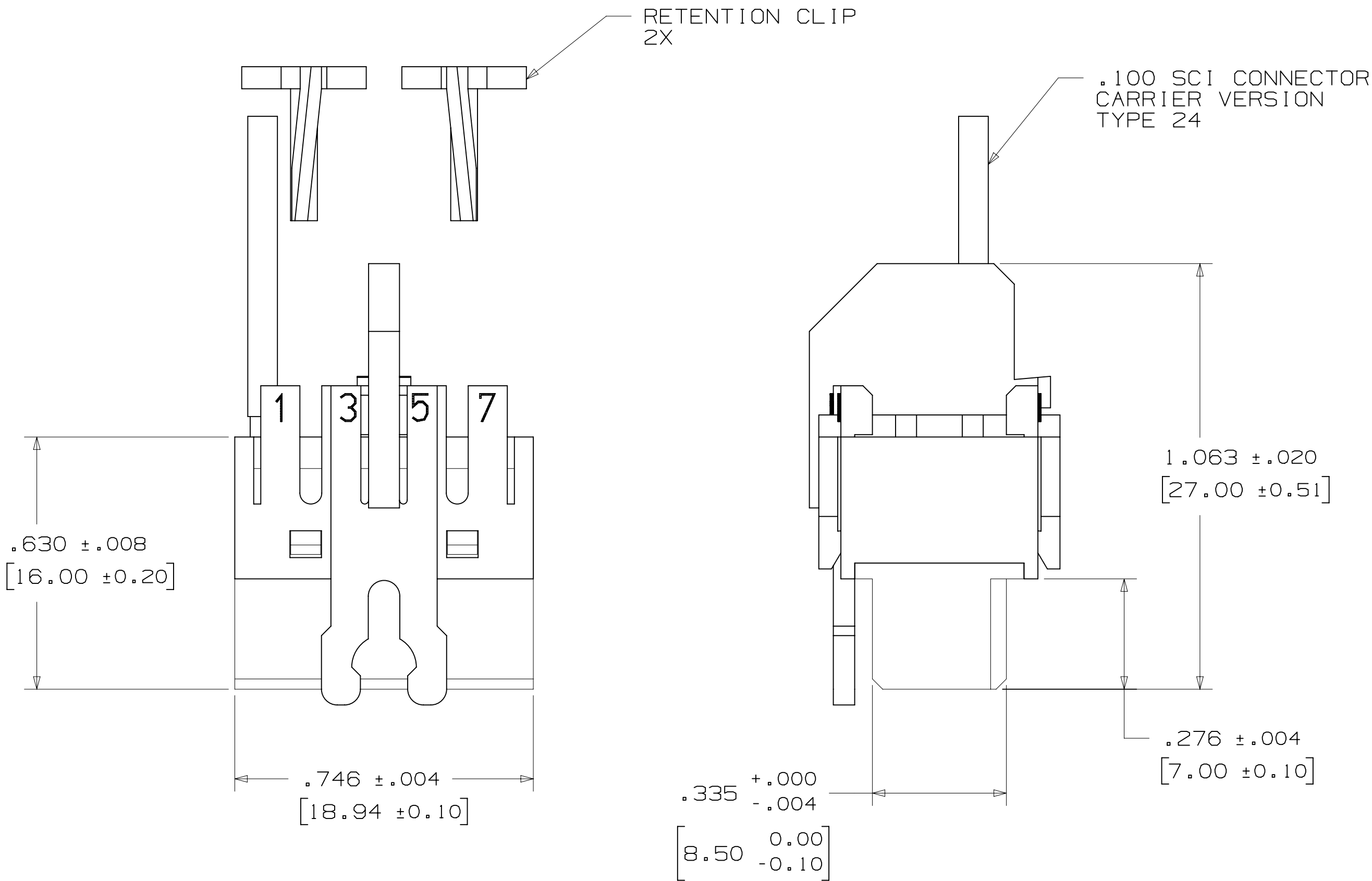
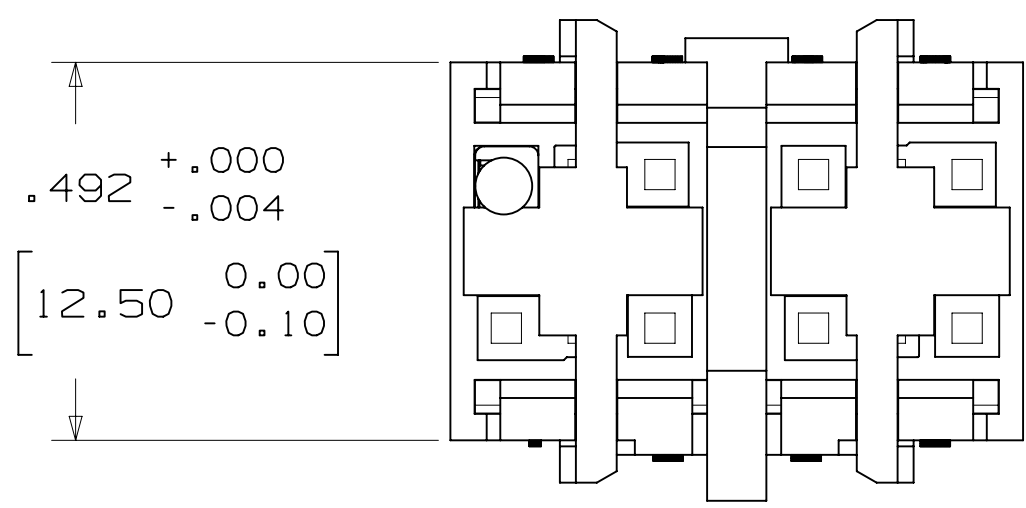


SECTION A - A

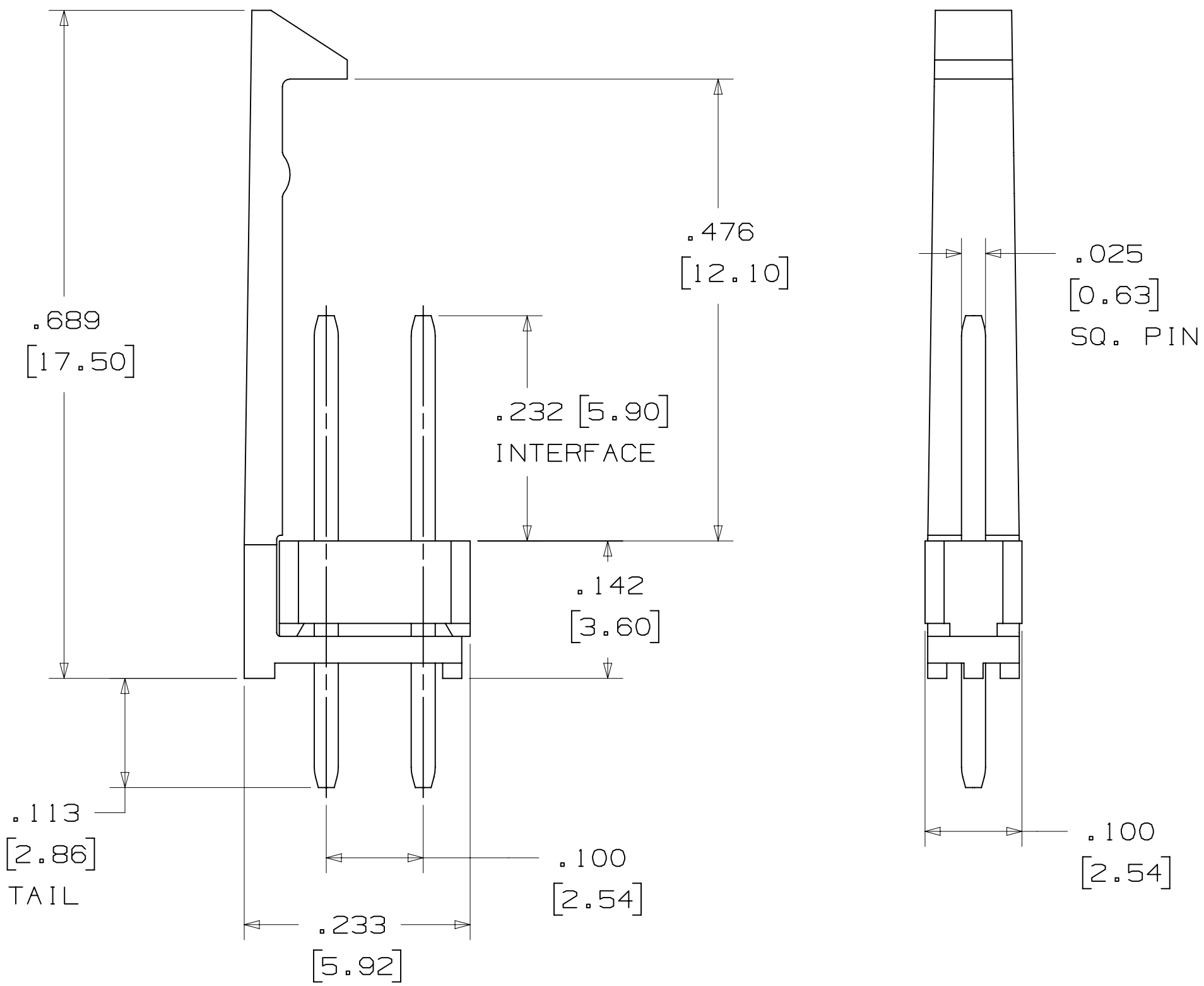
- NOTES
- 1 POLARIZING GROOVE OMITTED FOR POSITIONS 6 AND 8.
 - 2 POLARIZING GROOVE OMITTED FOR POSITIONS 6, 8, 10, 12 AND 14.
 - 3 THE NORMAL "MO" RETENTION STYLE IS ILLUSTRATED. FOR THE REVERSE "MR" RETENTION STYLE THE CABLE ASSEMBLY RETAINER IS FLIPPED 180° END TO END AND THE "SIGNAL" AND "GROUND" 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		.00 ± .01		.000 ± .005		.0000 ±		MILLIMETERS		0 ±	
INTERPRET PER ASME Y14.5 - 1994		MAX SURFACE ROUGHNESS		.00 ± .13		.000 ±		.000 ±		CAGE NUMBER		D 78-5100-0802-8	
MAX SURFACE ROUGHNESS		SURFACES		MARKED ONLY		MODEL		DET		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

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			