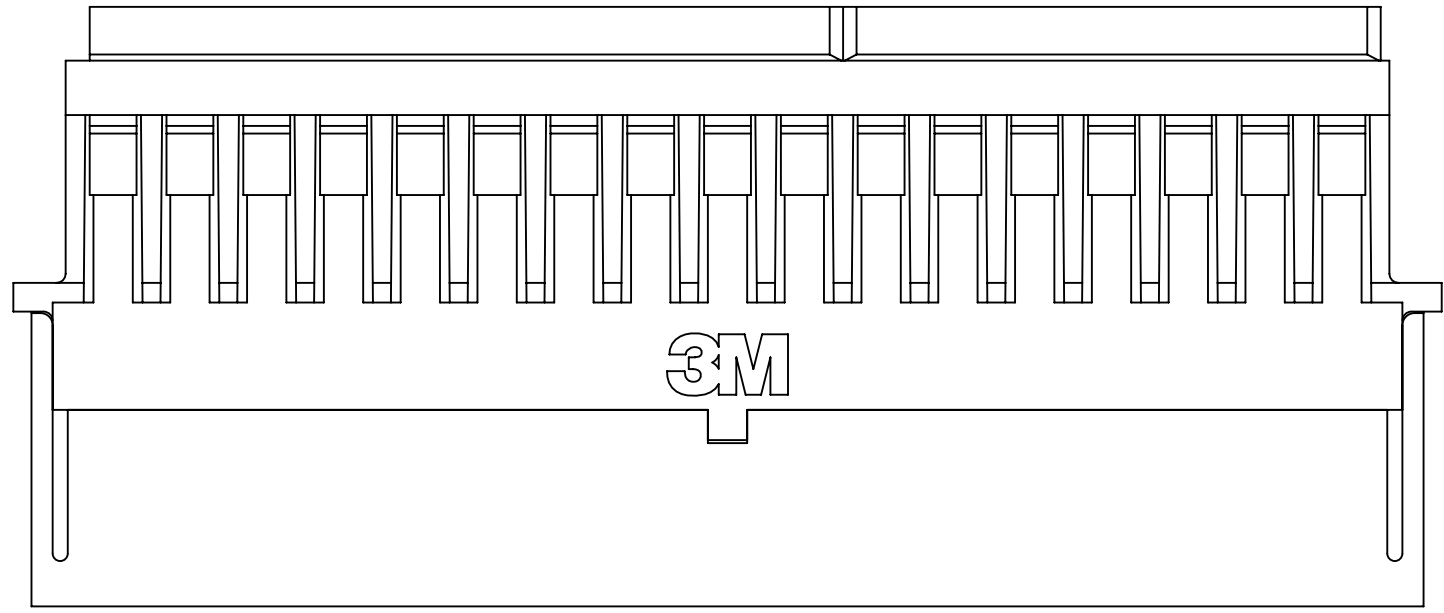
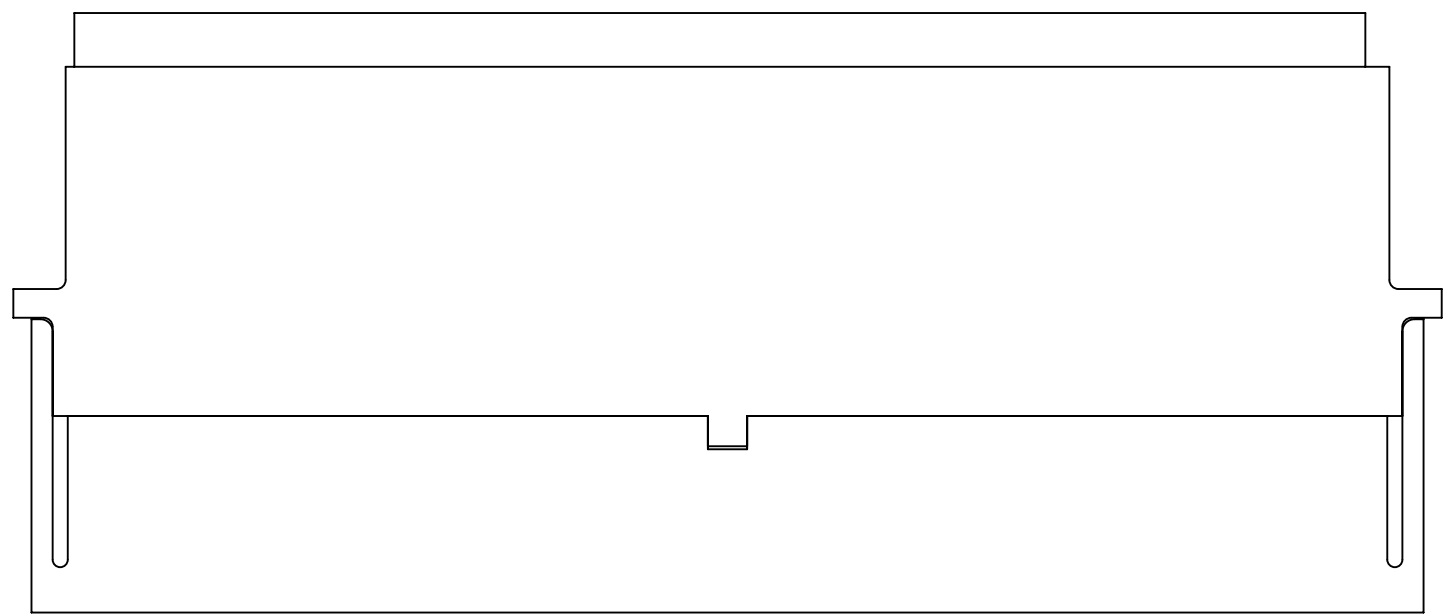


3M™ SHIELDED CONTROLLED IMPEDANCE (SCI)

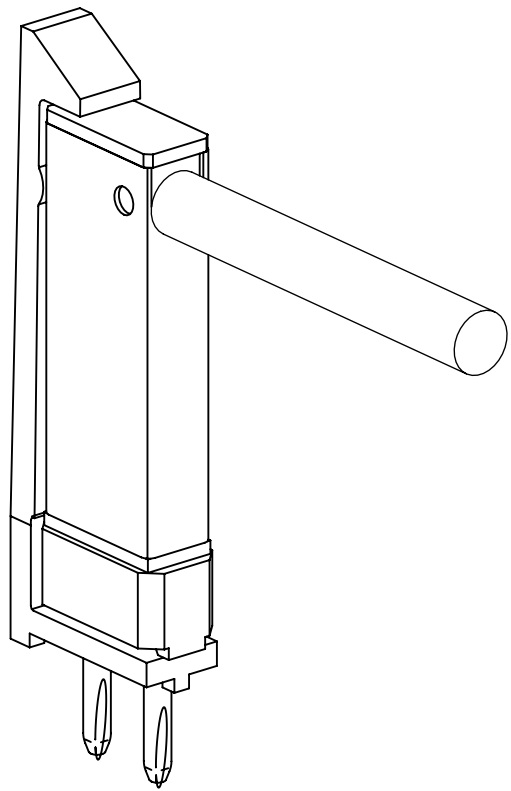
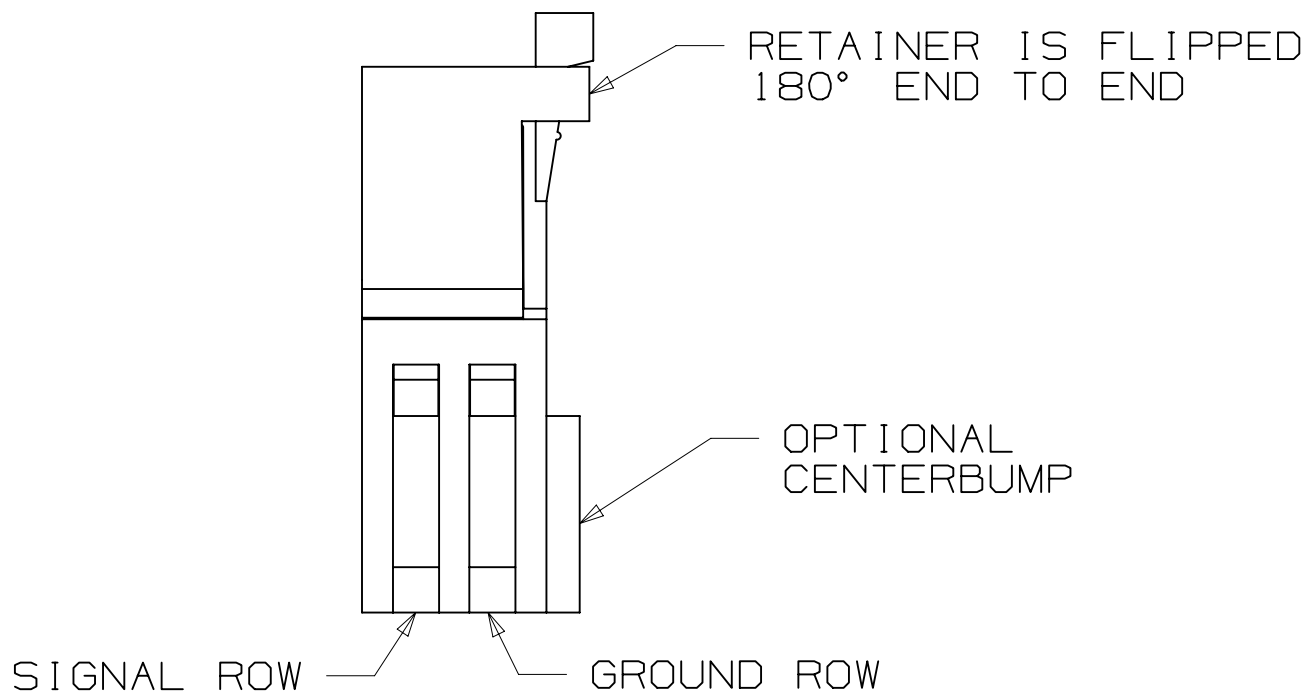
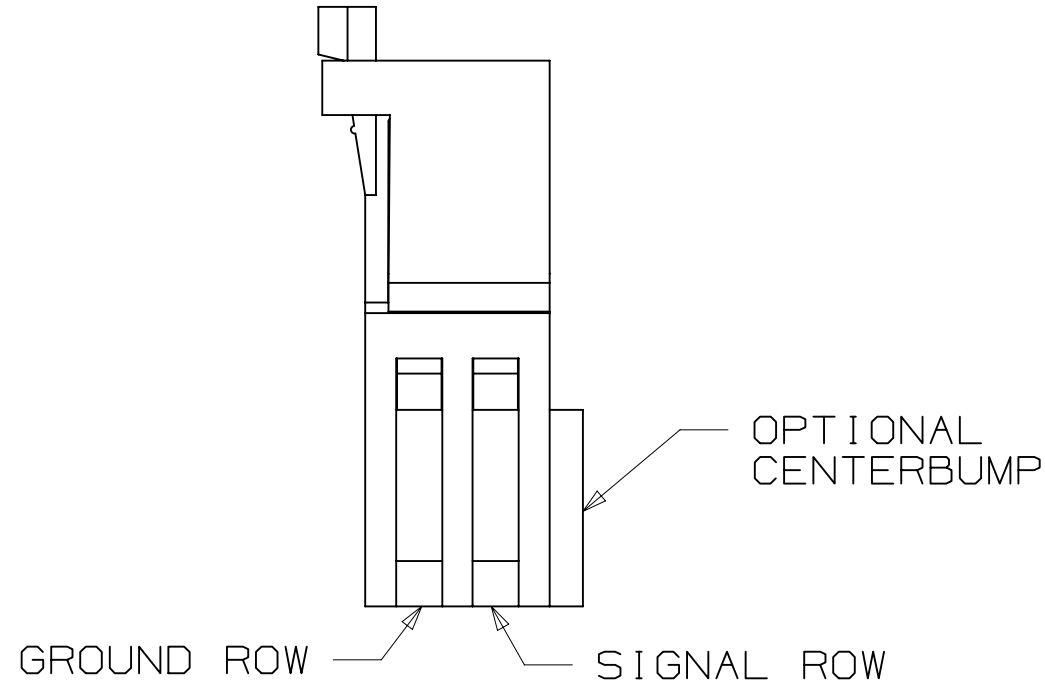
.100" ASSEMBLY HARDWARE



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

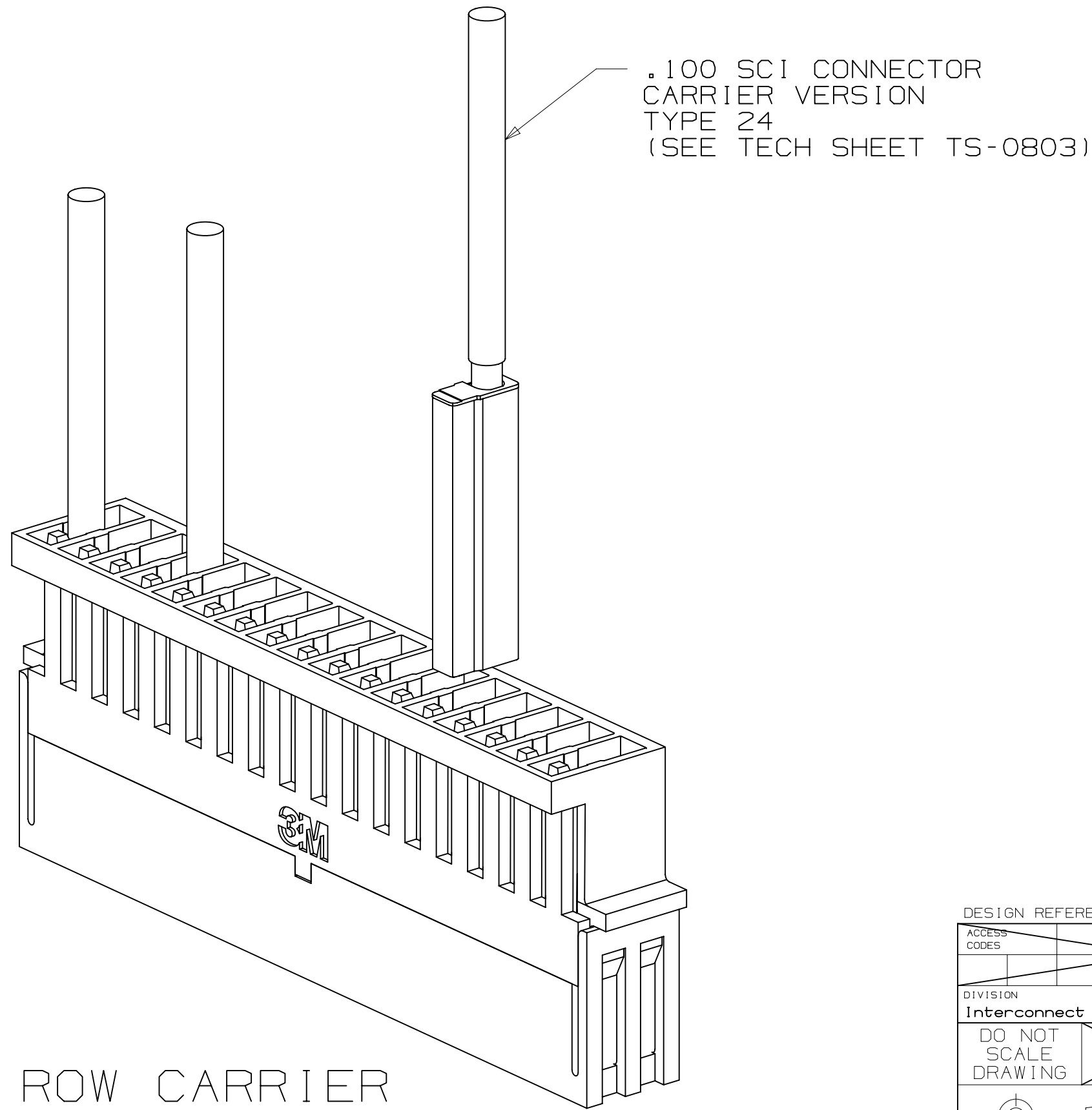
- * INTEGRAL LOCKING FEATURE.
- * INCLUDES TWO RETENTION CLIPS.

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

- NOTES
1. REGULATORY INFORMATION:
VISIT 3M.com/regs
 2. IN THE EVENT OF CONFLICT
BETWEEN THIS DATA AND THAT
CONTAINED IN THE PRODUCT
SPECIFICATION, THE PRODUCT
SPECIFICATION TAKES PRECEDENT.

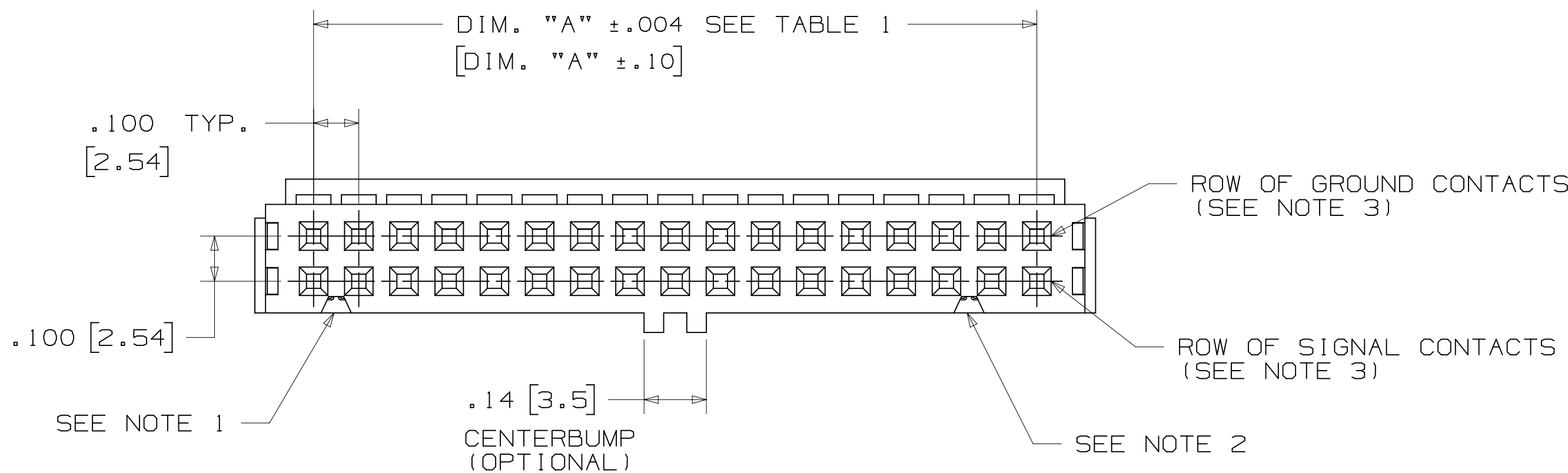
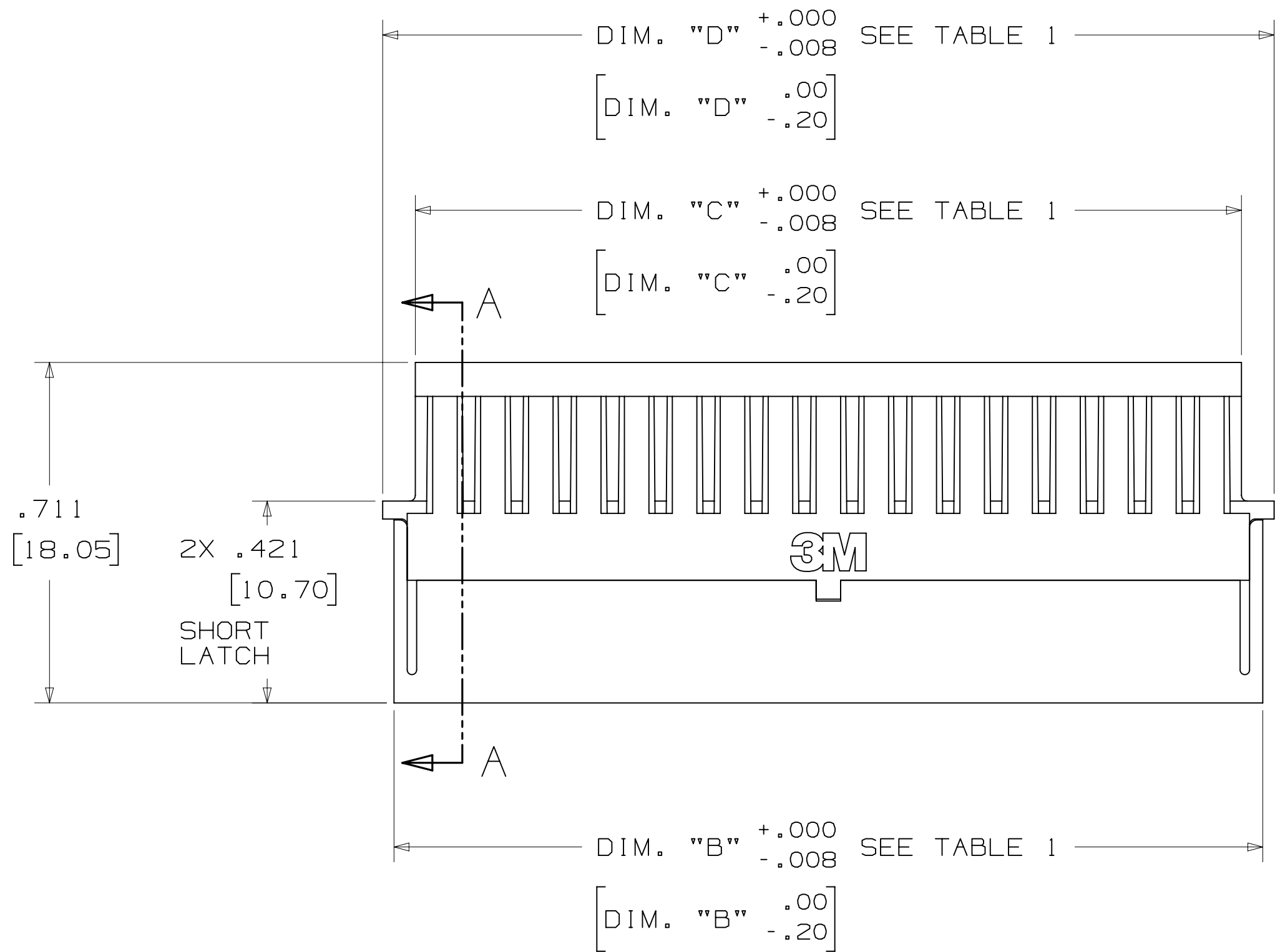
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INTERCONNECT SOLUTIONS
<http://www.3M.com/interconnect>

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DESIGN REFERENCE		NEXT ASSEMBLY		REV	ECO	ISSUE DATE AND DESCRIPTION		DRFT	CHKD
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				CHKD	DATE	APPR	DATE		
						R. SCHERER	JAN 03, 2013		
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MAX SURFACE ROUGHNESS		SURFACES		MILLIMETERS		TITLE			
✓ MARKED ONLY		ANGLES		.00 ±.01		3M™ SHIELDED CONTROLLED IMPEDANCE (SCI)			
				.000 ±.005		.100" ASSEMBLY HARDWARE			
				.000 ±.005		CAGE NUMBER			
						D 78-5100-0802-8			
						MODEL			
						REV.			
						C			
						SHT 1 OF 4			

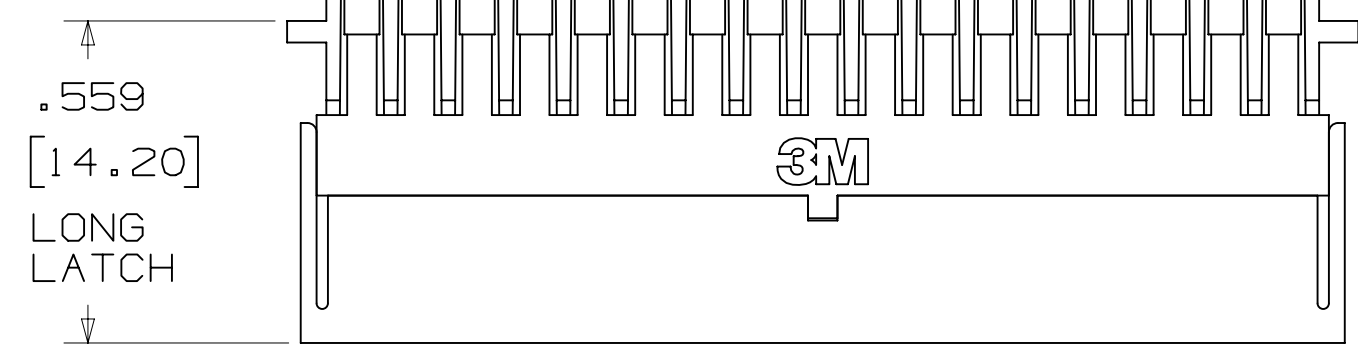
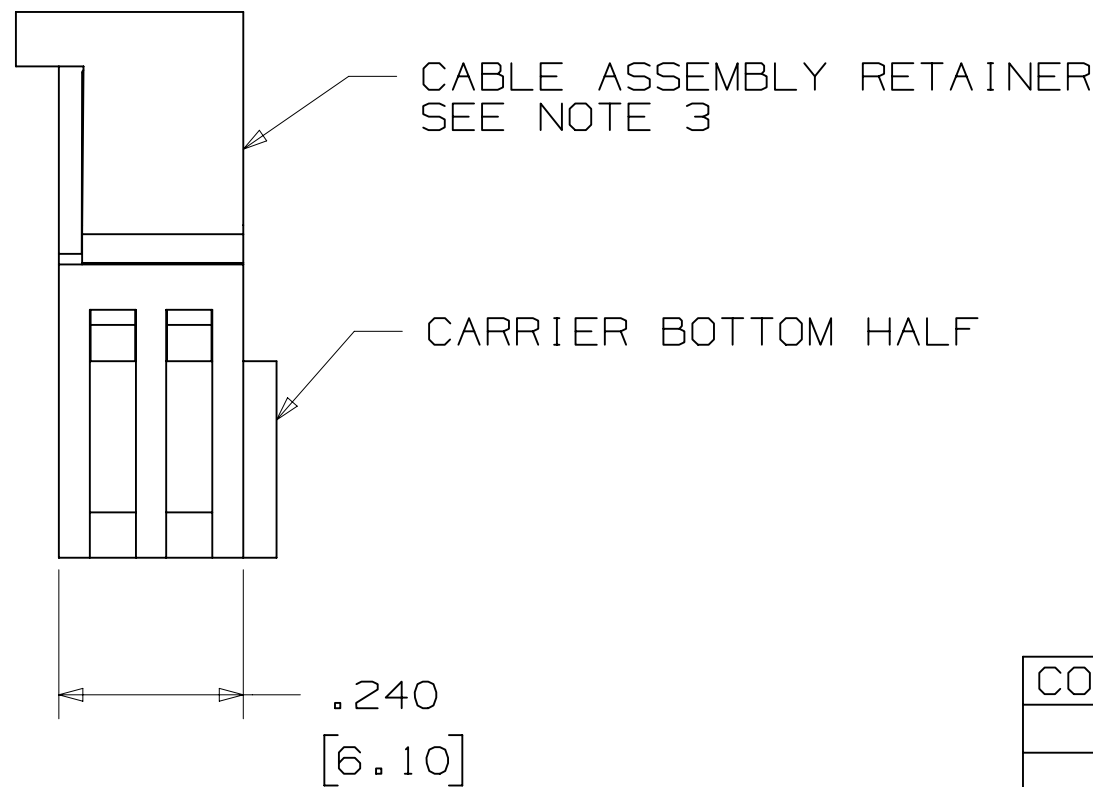
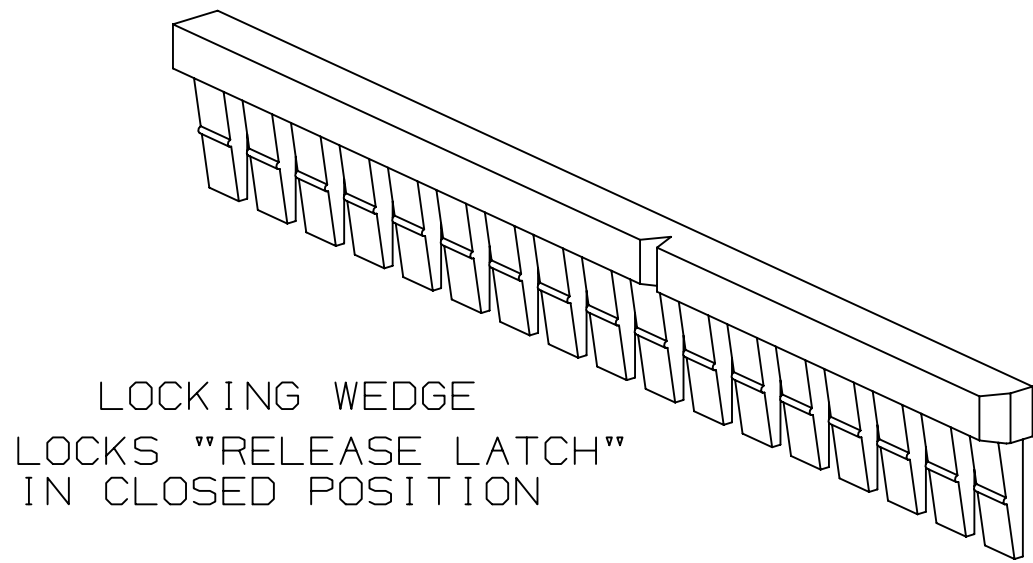
3M™ SHIELDED CONTROLLED IMPEDANCE (SCI)

.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

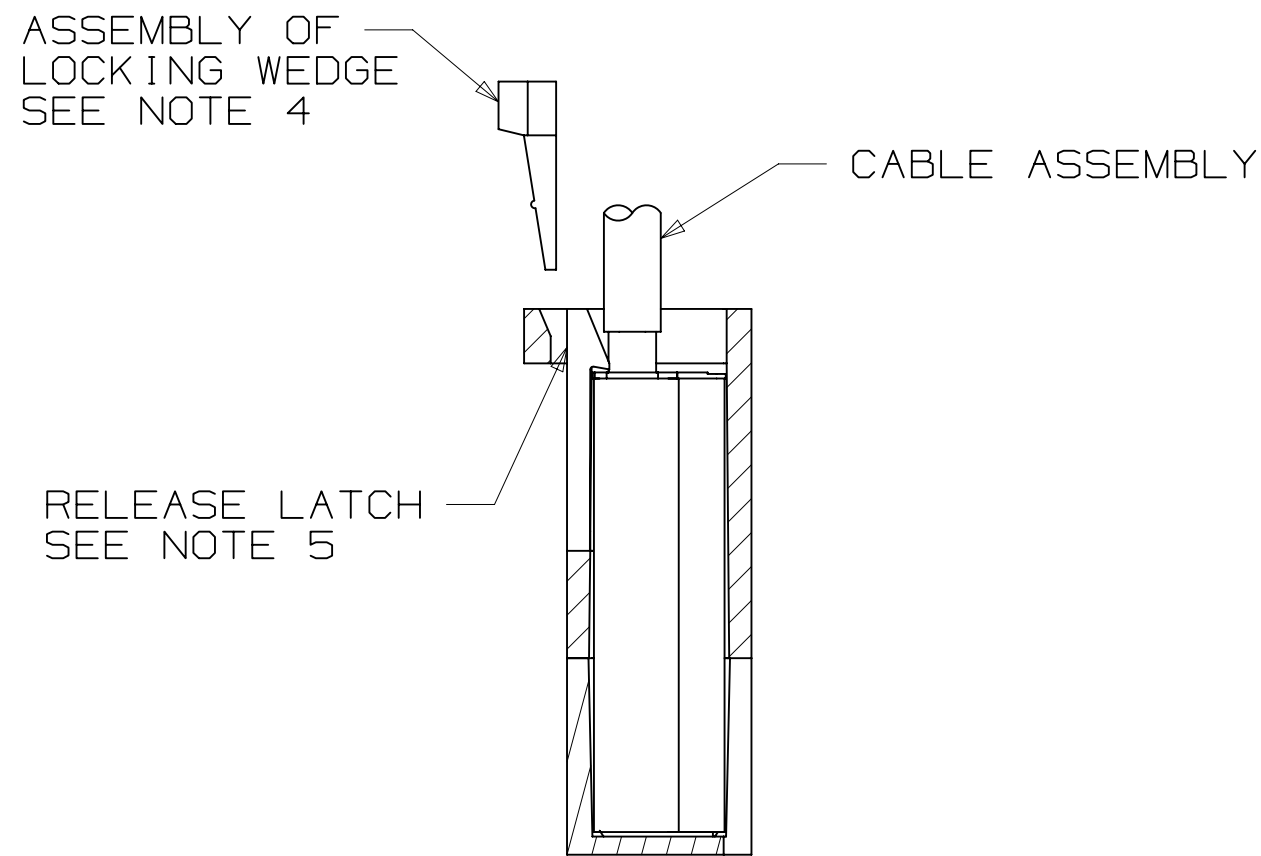


LONG LATCH CARRIER

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

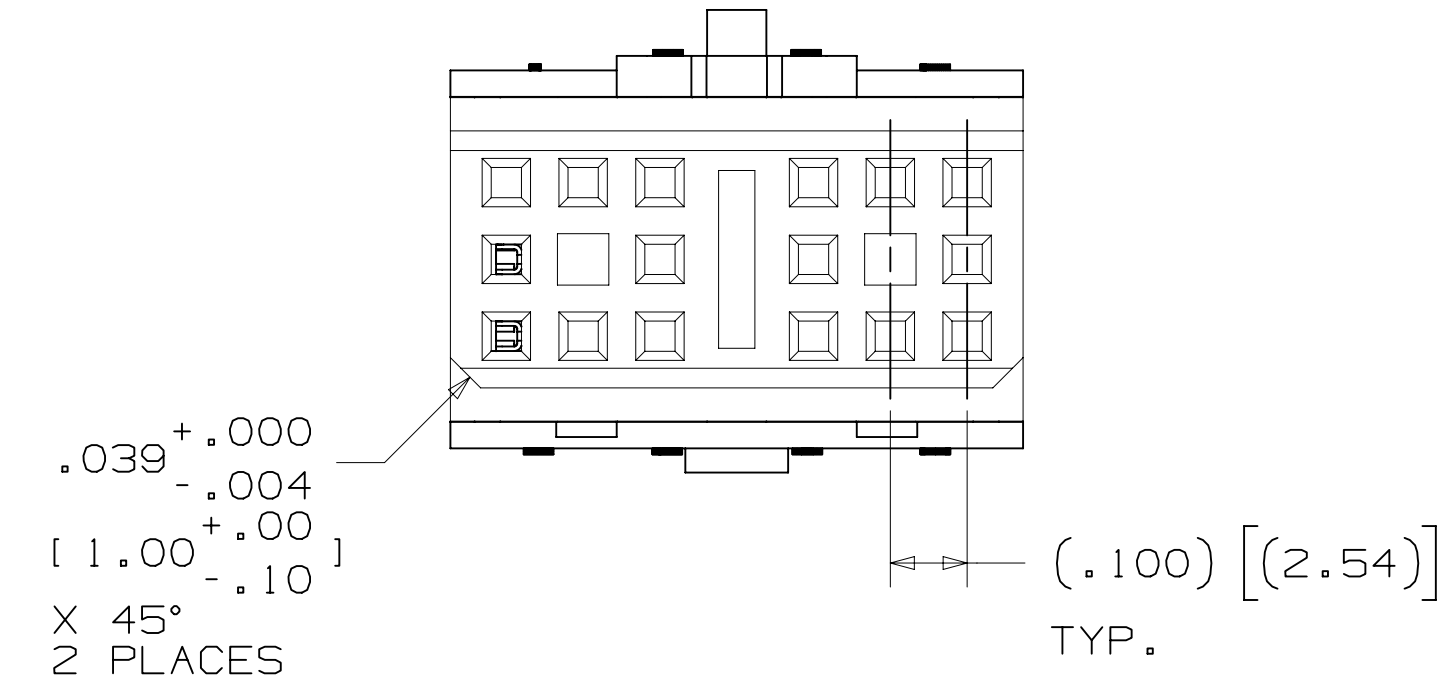
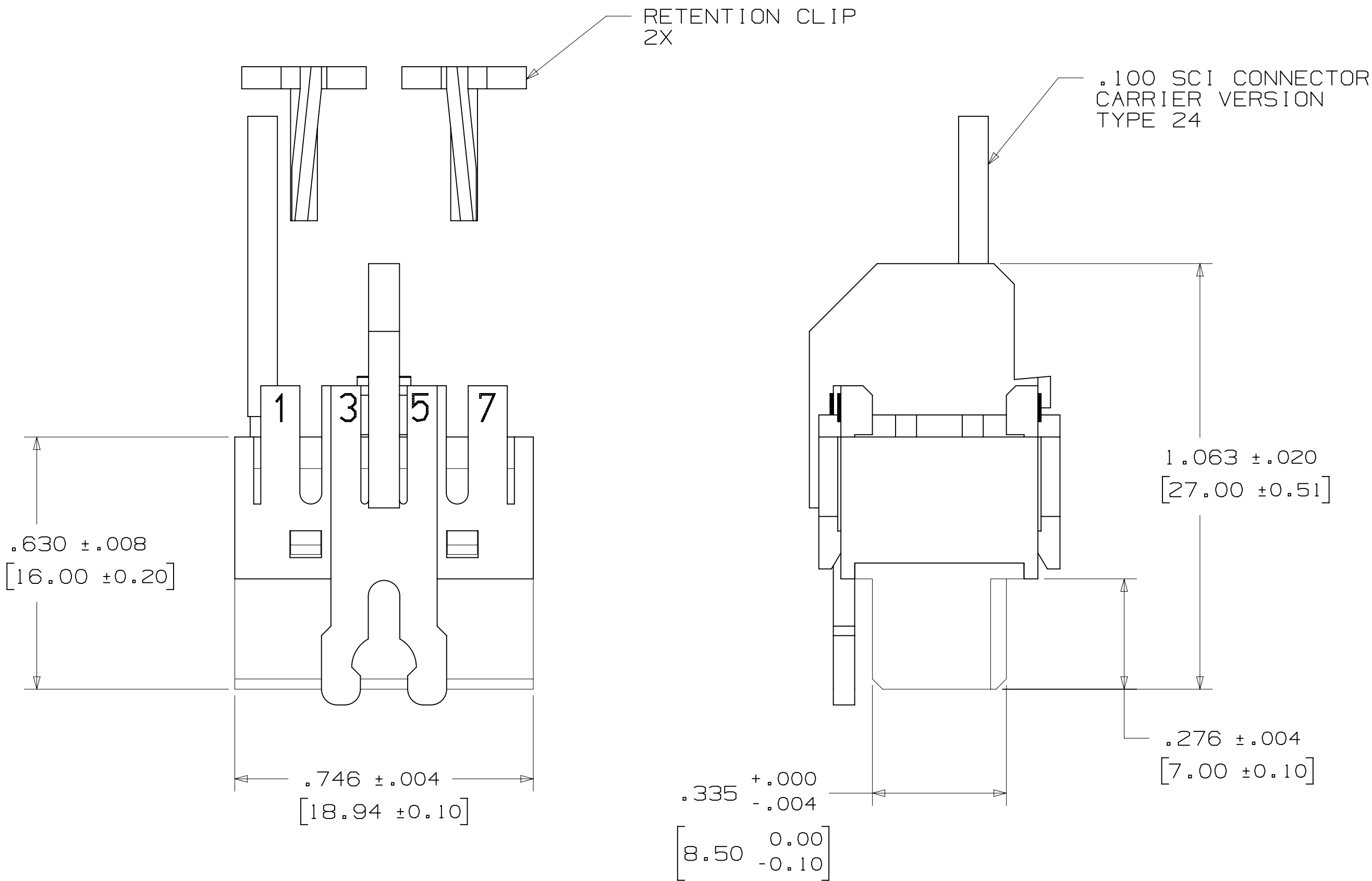
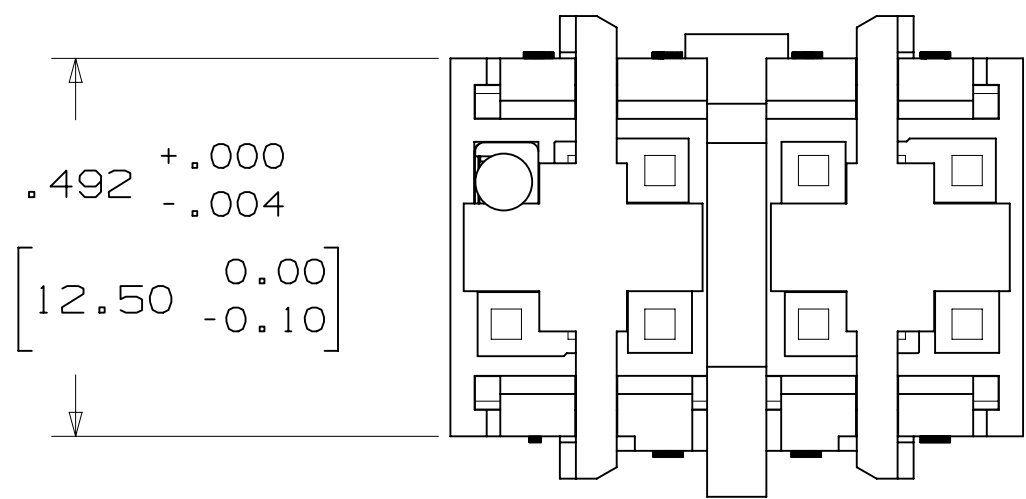


SECTION A - A

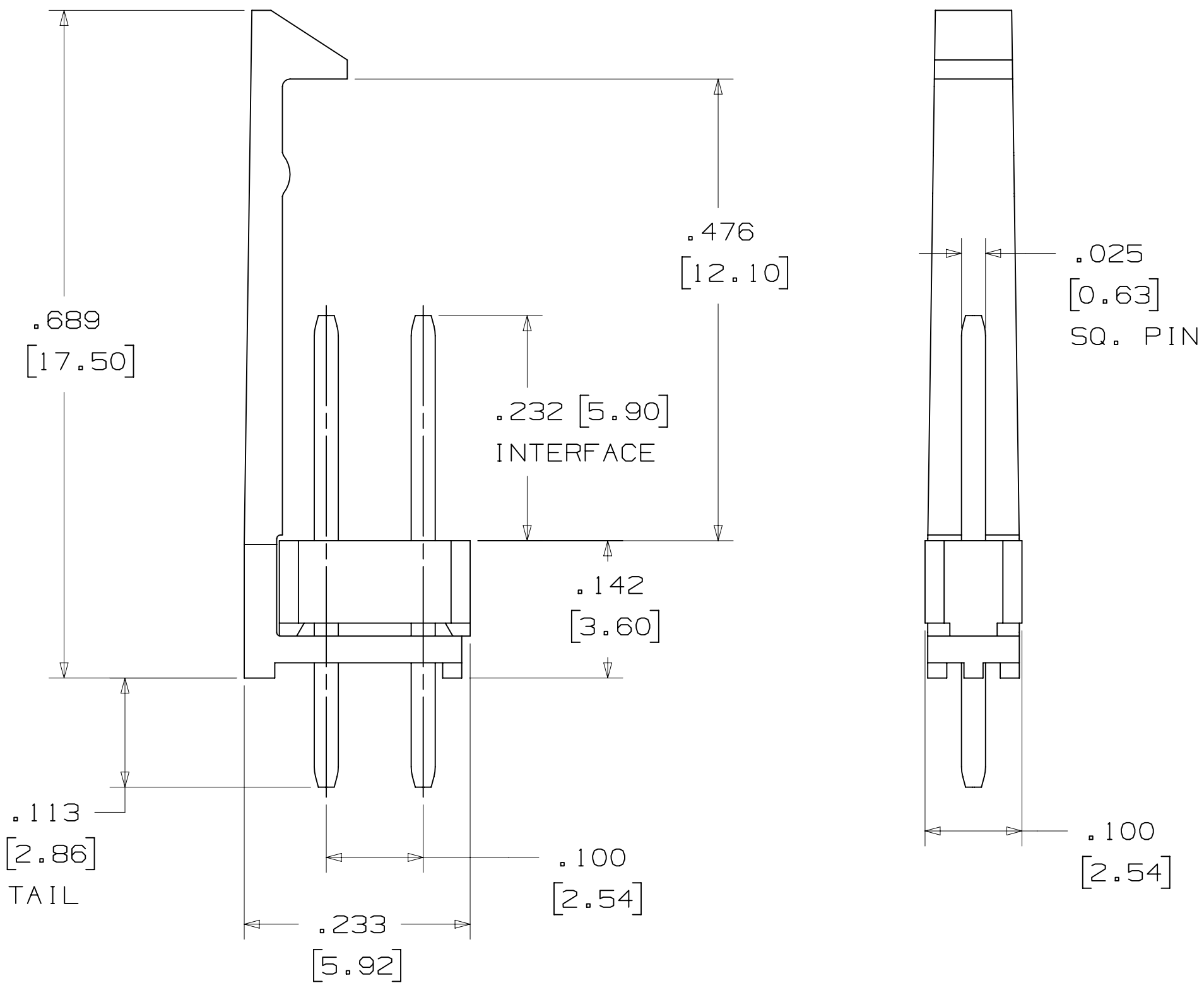
- NOTES
- 1 POLARIZING GROOVE OMITTED FOR POSITIONS 6 AND 8.
 - 2 POLARIZING GROOVE OMITTED FOR POSITIONS 6, 8, 10, 12 AND 14.
 - 3 THE NORMAL "MO" RETENTION STYLE IS ILLUSTRATED. FOR THE REVERSE "MR" RETENTION STYLE THE CABLE ASSEMBLY RETAINER IS FLIPPED 180° END TO END AND THE "SIGNAL" AND "GROUND" 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
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3M	Interconnect Solutions	ISD	3M Center St. Paul, MN 55144	© 3M COPYRIGHT 2020 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.	TITLE 3M™ SHIELDED CONTROLLED IMPEDANCE (SCI) .100" ASSEMBLY HARDWARE	CAGE/SIZE/NUMBER D78-5100-0802-8
MODEL	LISTS	YES	NO	SHT 2 OF 4	REV. C	

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
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MAX SURFACE ROUGHNESS		SURFACES MARKED ONLY		CAGE NUMBER		SIZE	DRAWING NO.	REV.	
				D		78-5100-0802-8	C		
				MODEL		LISTS	YES	NO	SHT 3 OF 4

3M™ SHIELDED CONTROLLED IMPEDANCE (SCI)
.100" ASSEMBLY HARDWARE

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		CHKD	DATE	APPR R. SCHERER	DATE JAN 03,2013	
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		INCHES .0 ±.1 .00 ±.01 .000 ±.005 .0000 ±.0002				
THIRD ANGLE PROJECTION		MILLIMETERS 0 ±2 .0 ±.3 .00 ±.13 .000 ±.005				
INTERPRET PER ASME Y14.5 - 2018		CAGE NUMBER D78-5100-0802-8				
MAX SURFACE ROUGHNESS ✓ MARKED ONLY		SIZE C	DRAWING NO. 78-5100-0802-8	REV. C	MODEL DET LISTS	
				YES	NO	SHT 4 OF 4