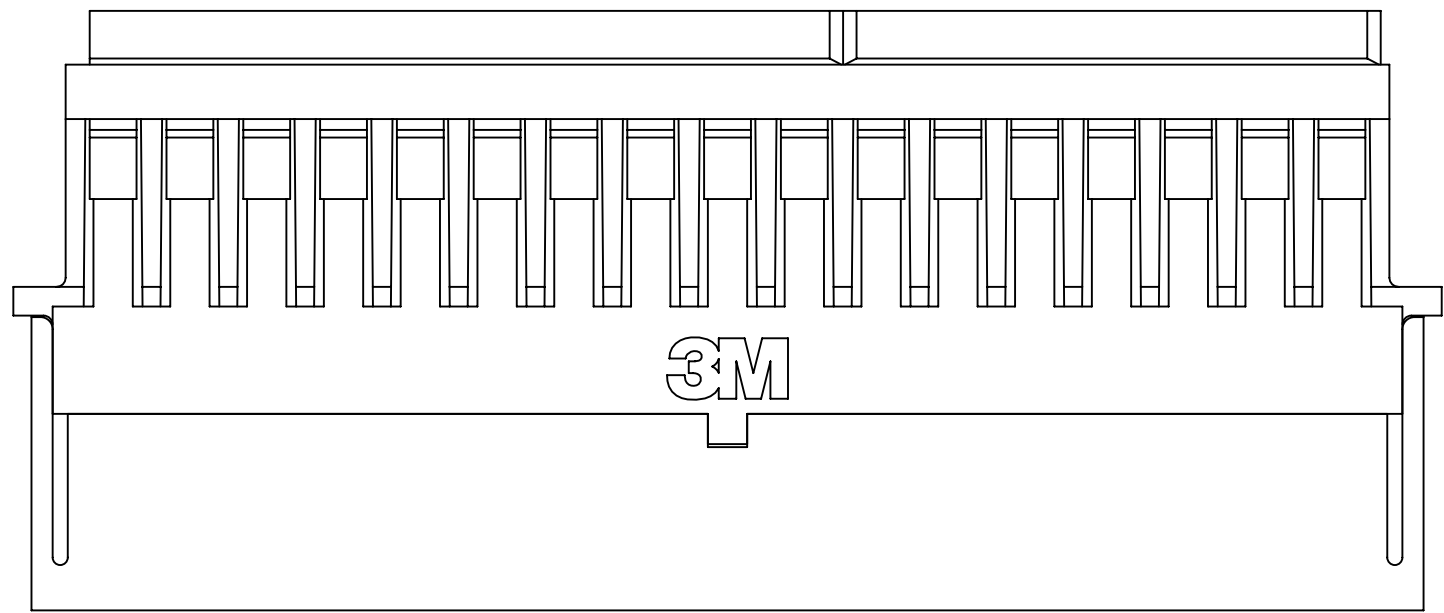
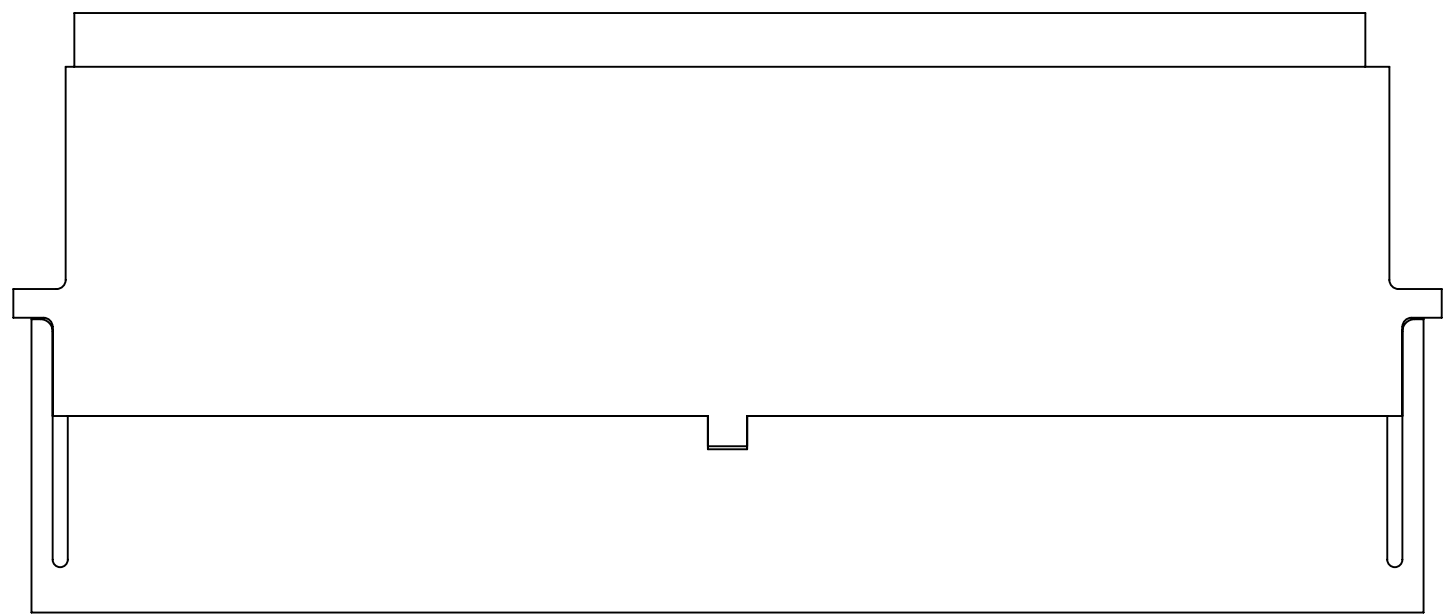


3M™ SHIELDED CONTROLLED IMPEDANCE (SCI)

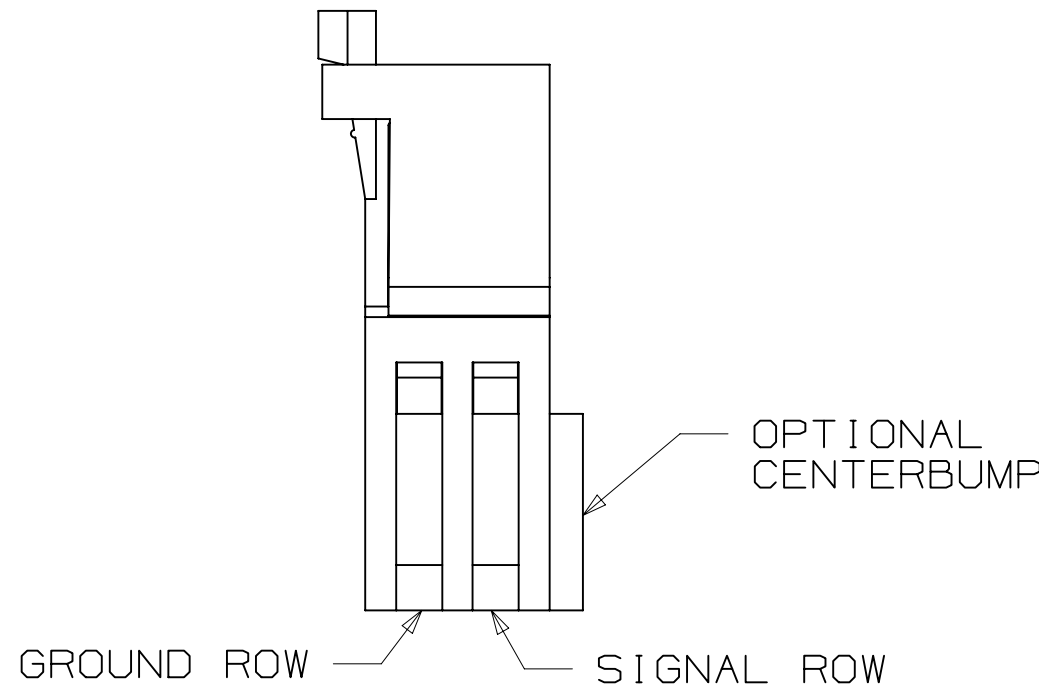
.100" ASSEMBLY HARDWARE



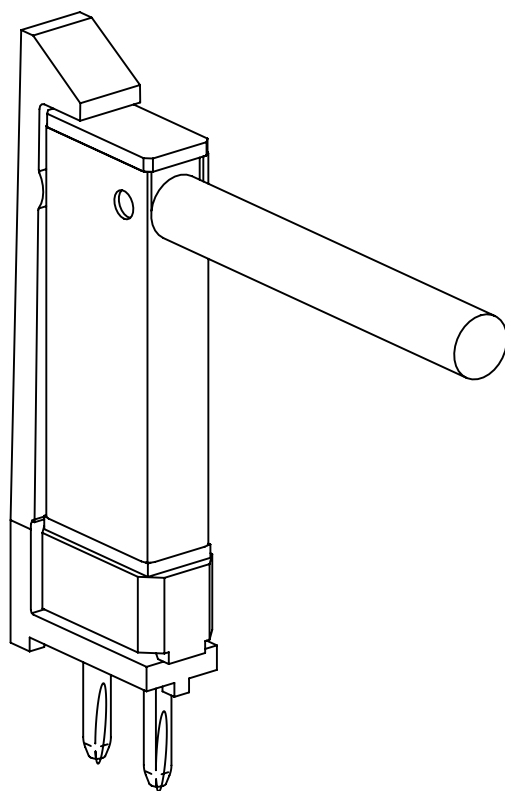
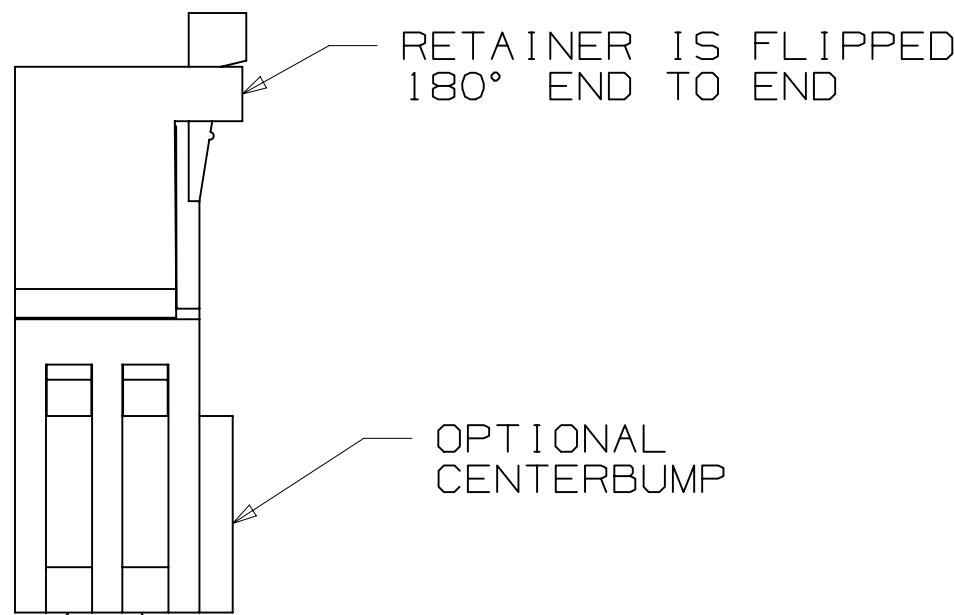
98XX-PSMO
NORMAL "MO" RETENTION STYLE



98XX-PSMR
REVERSE "MR" RETENTION STYLE



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>

3M IS A TRADEMARK OF 3M COMPANY.
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.

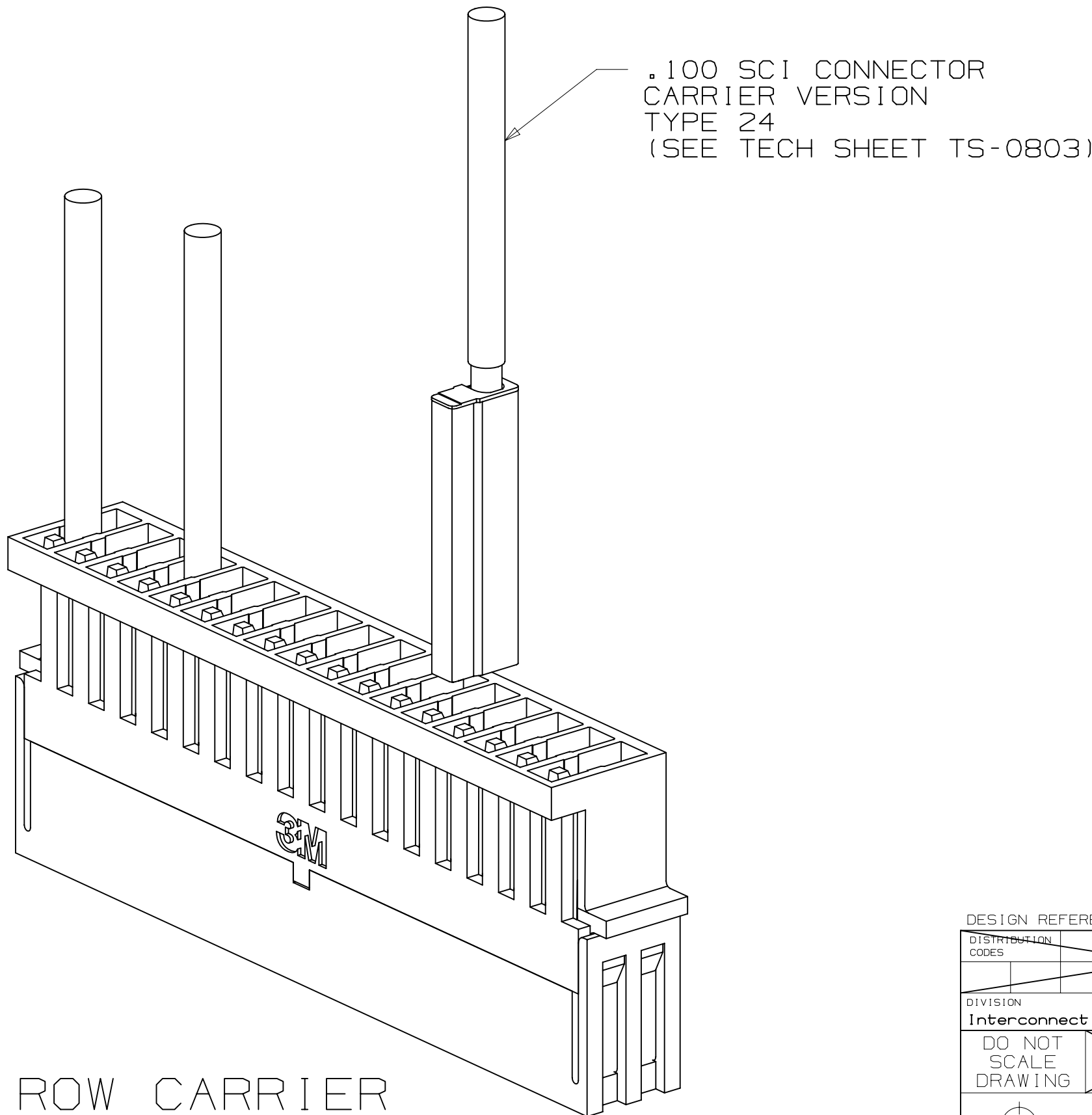
PIN STRIP LATCH

- * 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

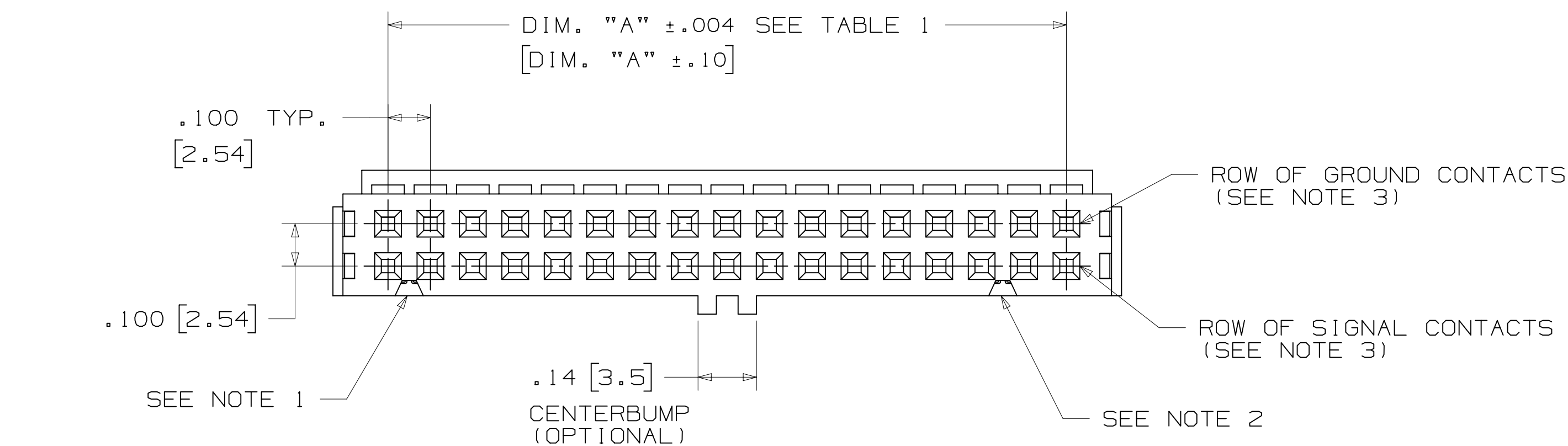


2 ROW CARRIER

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		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.	
3M		3M Center St. Paul, MN 55144		© 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.		B 44714	
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		D 78-5100-0802-8		D 78-5100-0802-8		D 78-5100-0802-8	
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	

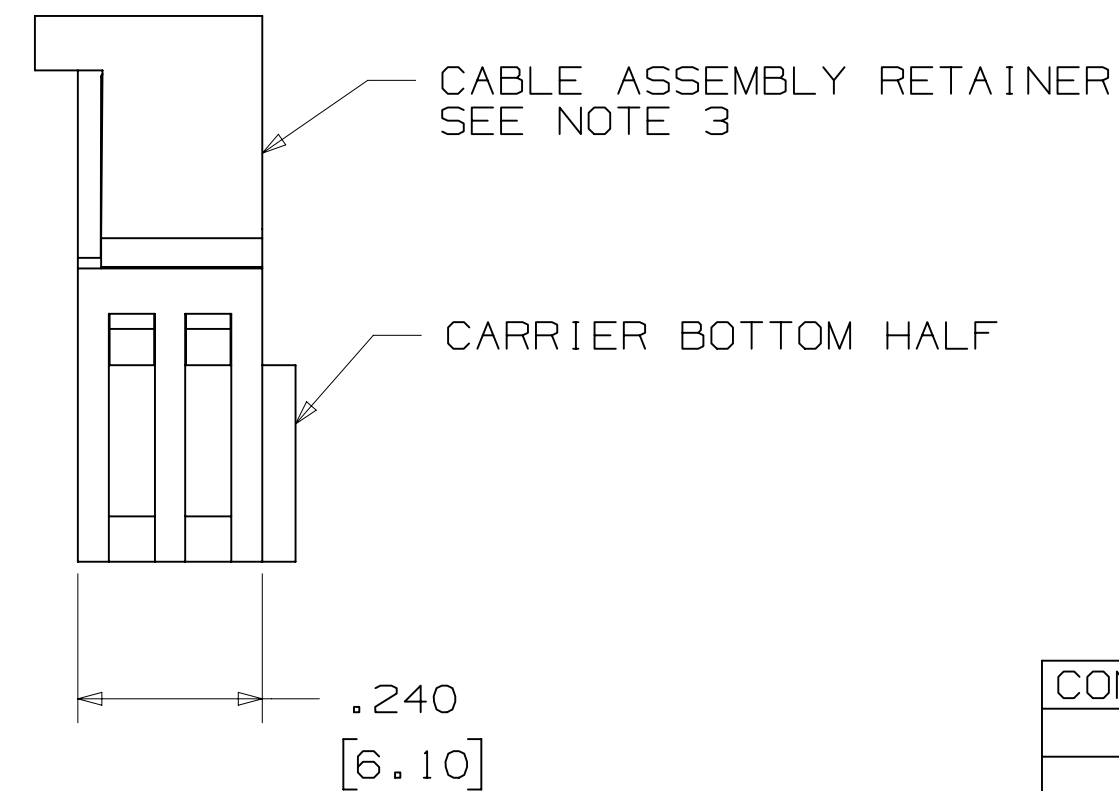
.100" ASSEMBLY HARDWARE



98XX - XXXX

- 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



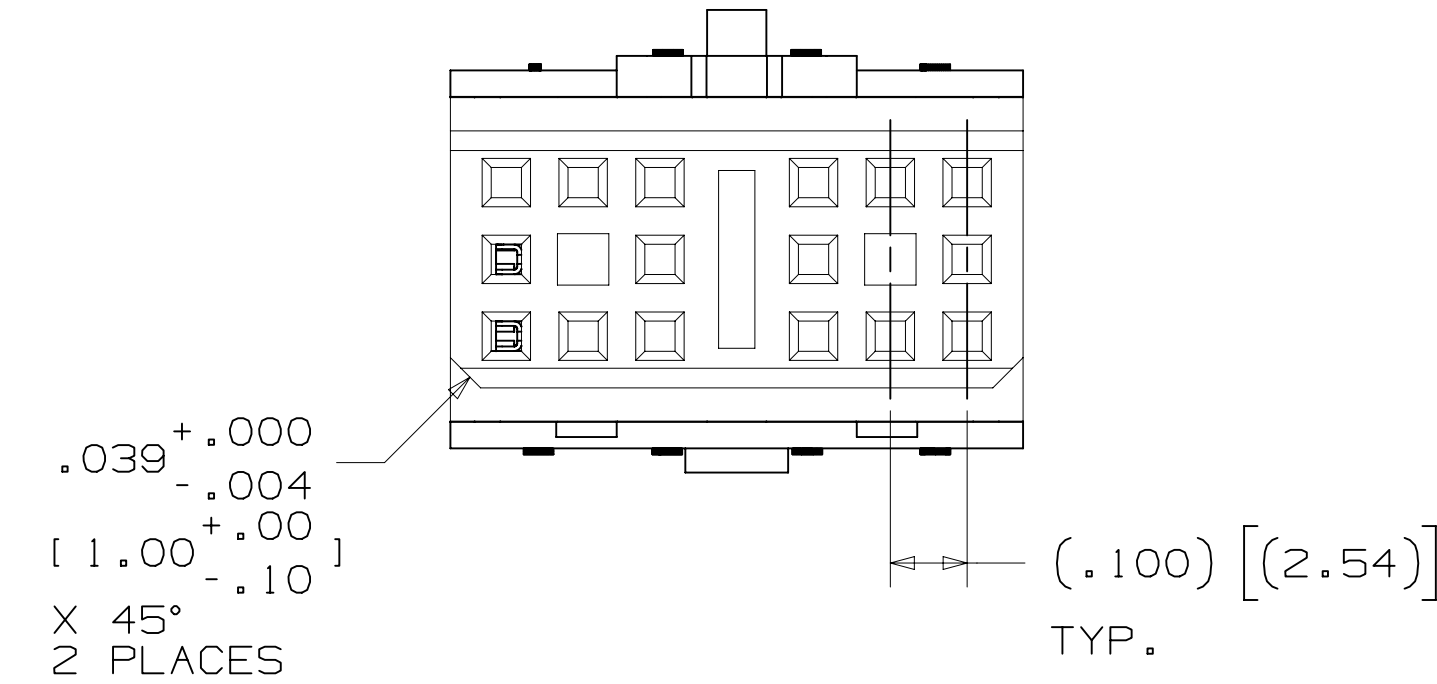
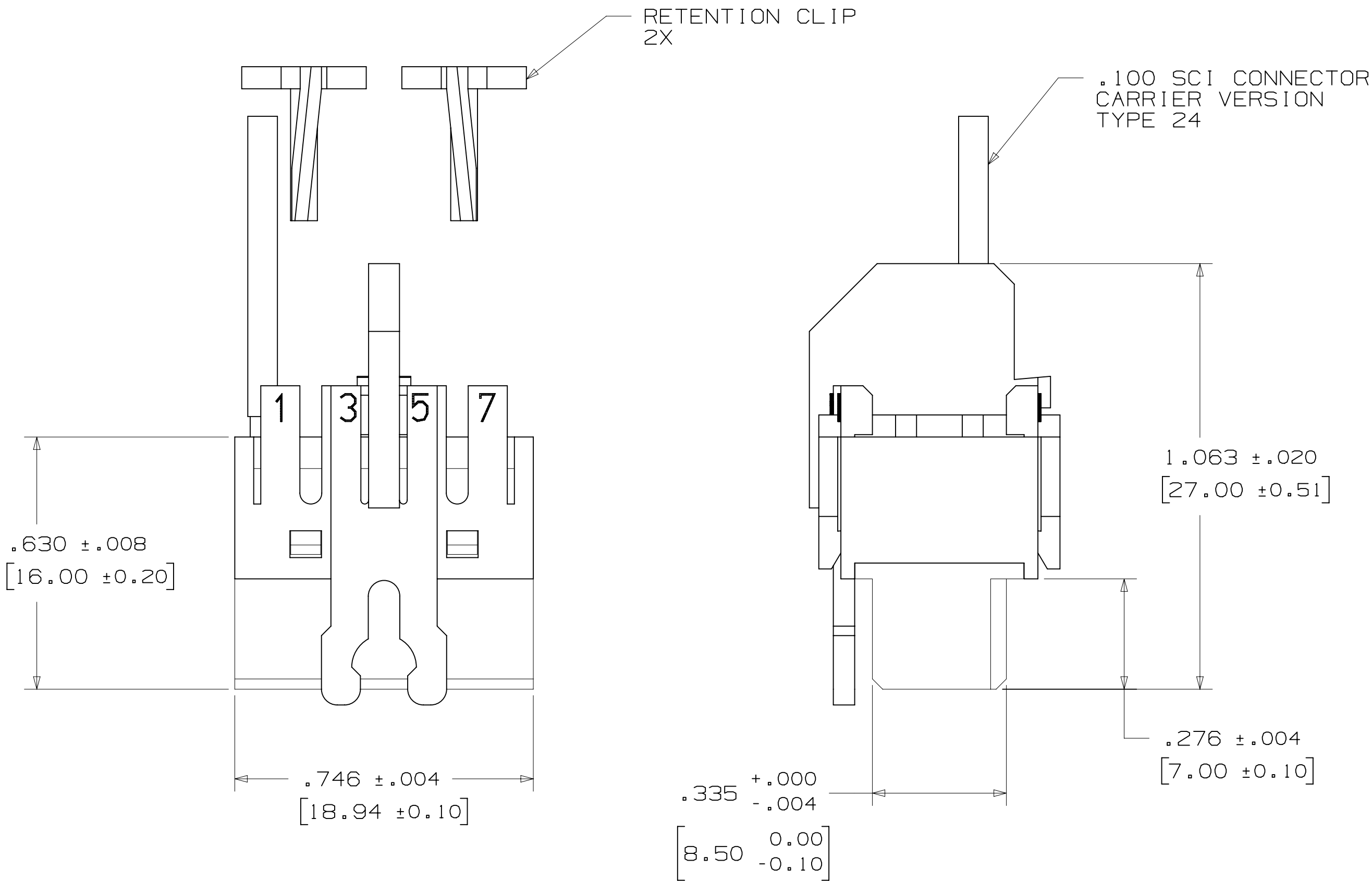
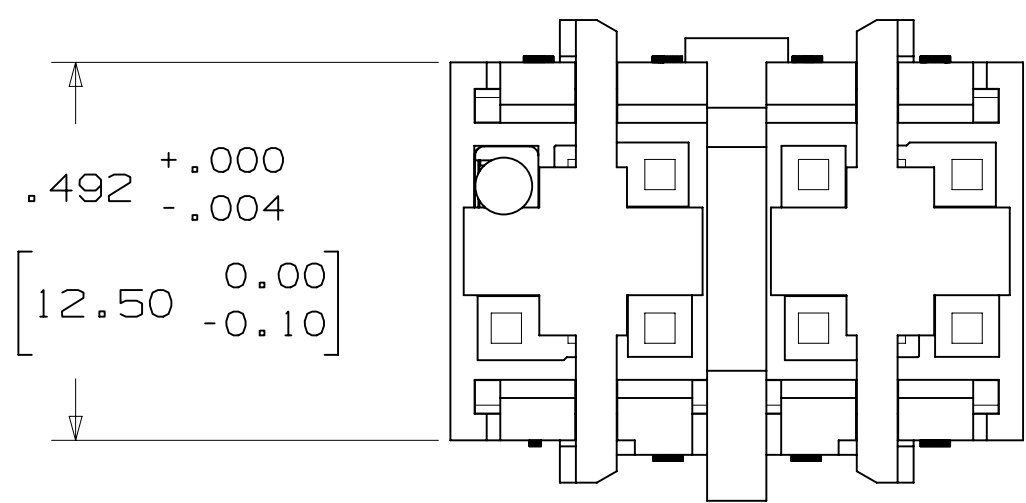
CONTACT QTY.	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"
06	.20 [5.08]	.41 [10.48]	.32 [8.22]	.46 [11.68]
08	.30 [7.62]	.51 [13.02]	.42 [10.76]	.56 [14.22]
* 10	.40 [10.16]	.61 [15.56]	.52 [13.30]	.66 [16.76]
12	.50 [12.70]	.71 [18.10]	.62 [15.84]	.76 [19.30]
* 14	.60 [15.24]	.81 [20.64]	.72 [18.38]	.86 [21.84]
* 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

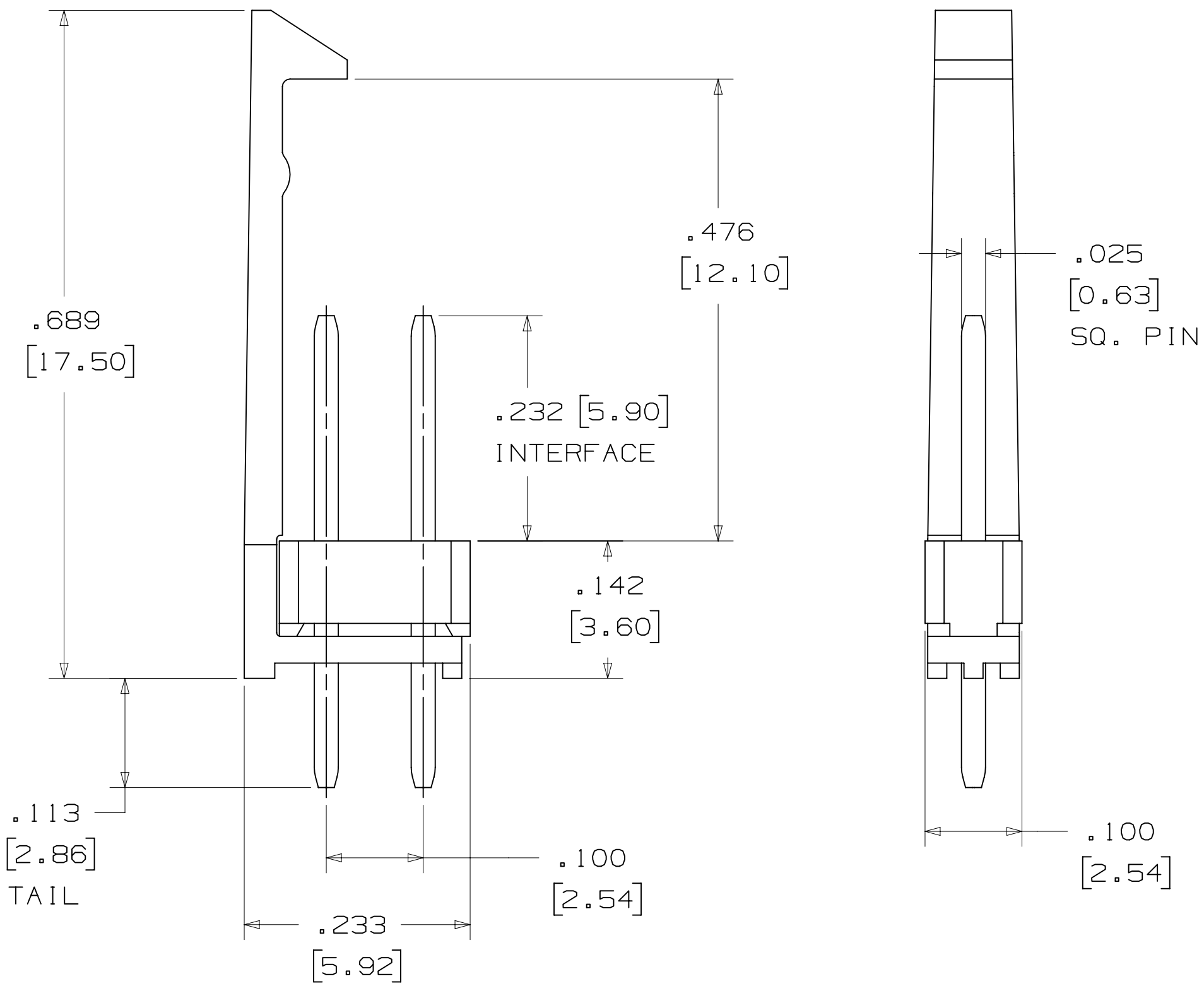


DESIGN REFERENCE		NEXT	ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION		DRFT	CHKD
DISTRIBUTION CODES				DATE	C	TIGLIONE		DATE	
DIVISION		DIVISION CODE		CHGD	DATE	APPRV.		DATE	
Interconnect Solutions		150				R. SCHERER		DATE	03, 2013
DO NOT SCALE DRAWING		TOLERANCES EXCEPT AS NOTED		3M Center St. Paul, MN 55144		© 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 to disclose or disclose other than for 3M authorized purposes. All rights reserved.			
THIRD ANGLE PROJECTION		INCHES 0 ± 0.00 ± .01 0.000 ± .005 0.000 ±		TITLE		ASSEMBLY HARDWARE , 100 SCI CARRIER			
INTERPRET PER ASME Y14.5 - 1994		MILLIMETERS 0 ± 0.00 ± .13 0.000 ±		CASE NUMBER		DRAWING NO. D 78-5100-0802-8 B			
MAX. SURFACE ROUGHNESS 12.5 µin. (0.25 mm) SURFACES ✓ 6.3 µin. (0.15 mm) MARKED ONLY		ANGLE		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

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		.00 ±.13		CAGE NUMBER D78-5100-0802-8			
MAX SURFACE ROUGHNESS		SURFACES		.000 ±		MODEL			
MARKED ONLY		ANGLES		LISTS		YES X NO SHT 3 OF 3			

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[3M:](#)

[9820-PLMR](#) [9834-PLMR](#) [9850-PLMR](#) [9864-PLM0](#) [9816-PSM0](#) [9834-PSM0](#) [9810-PSM0](#) [9864-PSM0](#) [9864-PLMR](#)
[9810-PLM0](#) [9816-NSM0](#) [9816-PLM0](#) [9820-PLM0](#) [9820-PSM0](#) [9826-PLM0](#) [9826-PSM0](#) [9834-NSM0](#) [9834-PLM0](#)
[9850-PLM0](#) [9850-PSM0](#) [9840-PSM0](#)