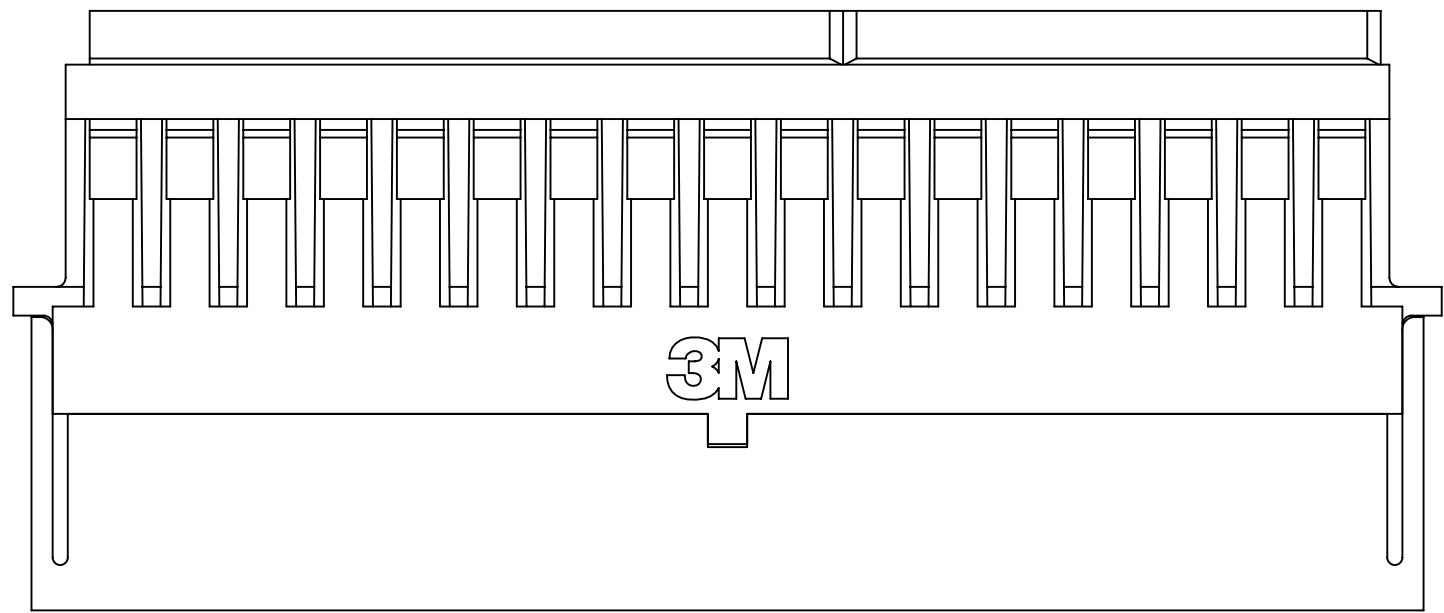
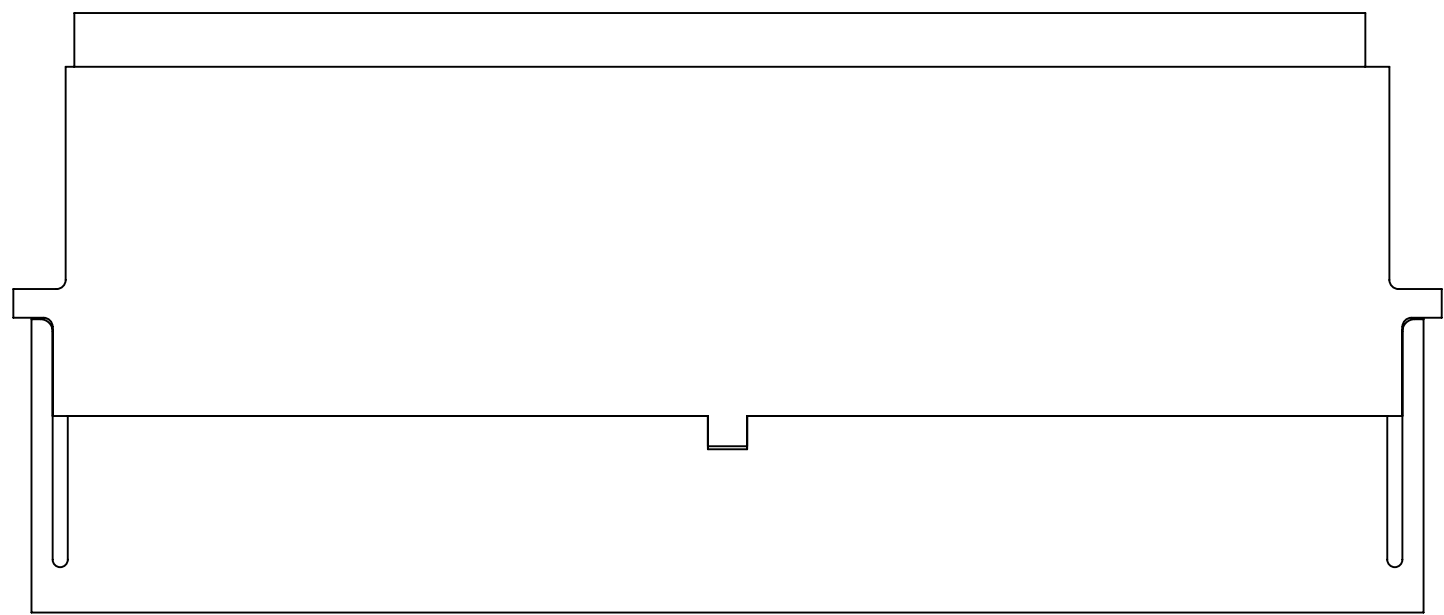


3M™ SHIELDED CONTROLLED IMPEDANCE (SCI)

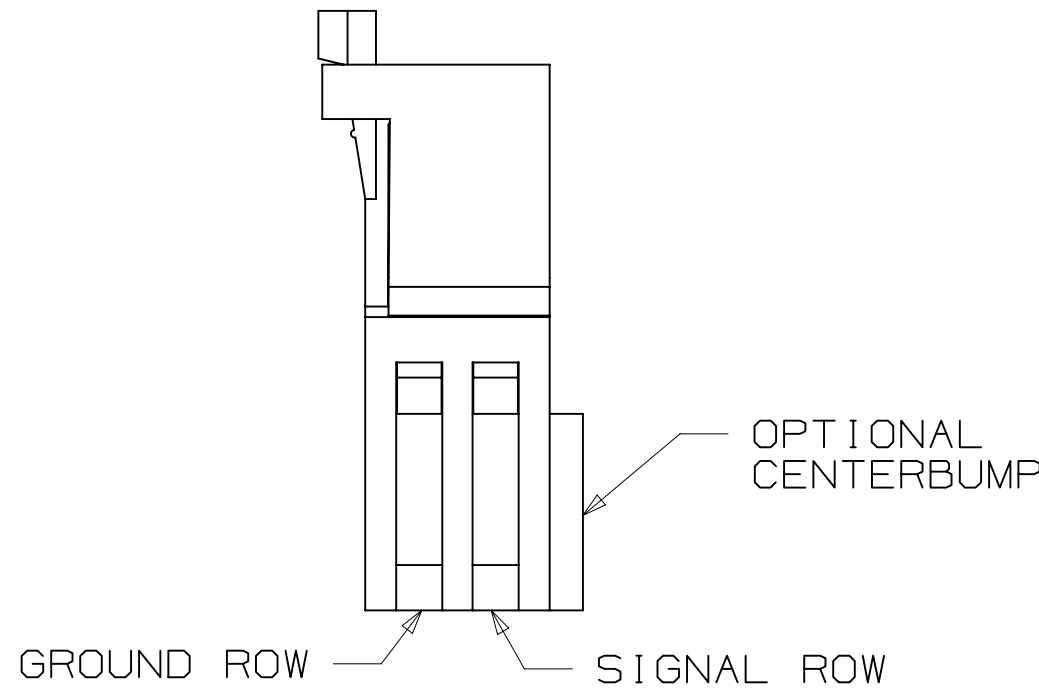
.100" ASSEMBLY HARDWARE



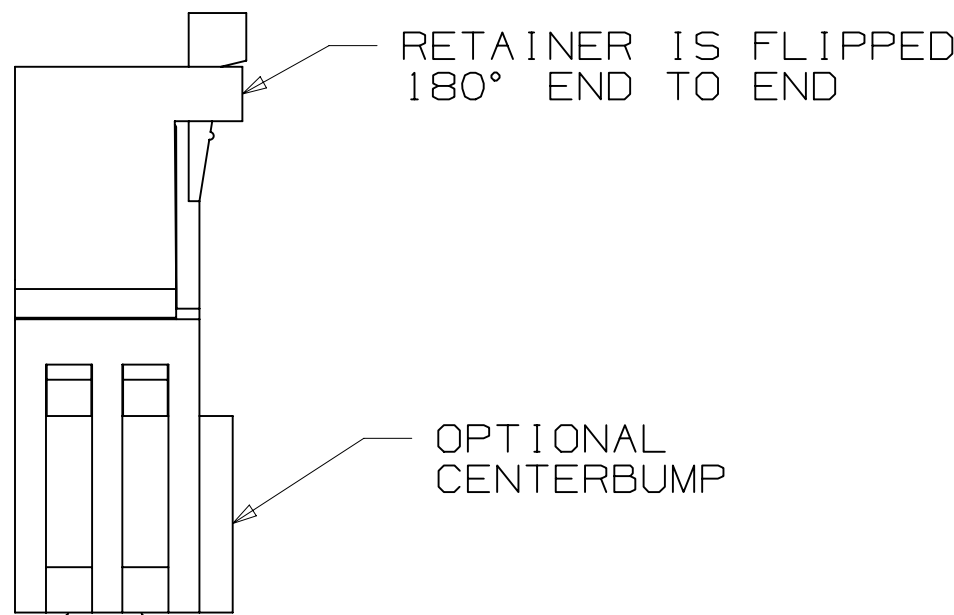
98XX-PSMO
NORMAL "MO" RETENTION STYLE



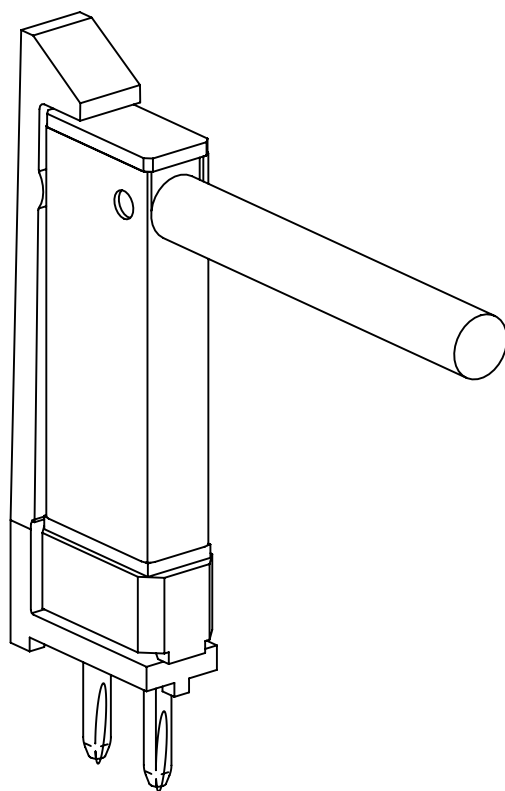
98XX-PSMR
REVERSE "MR" RETENTION STYLE



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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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.

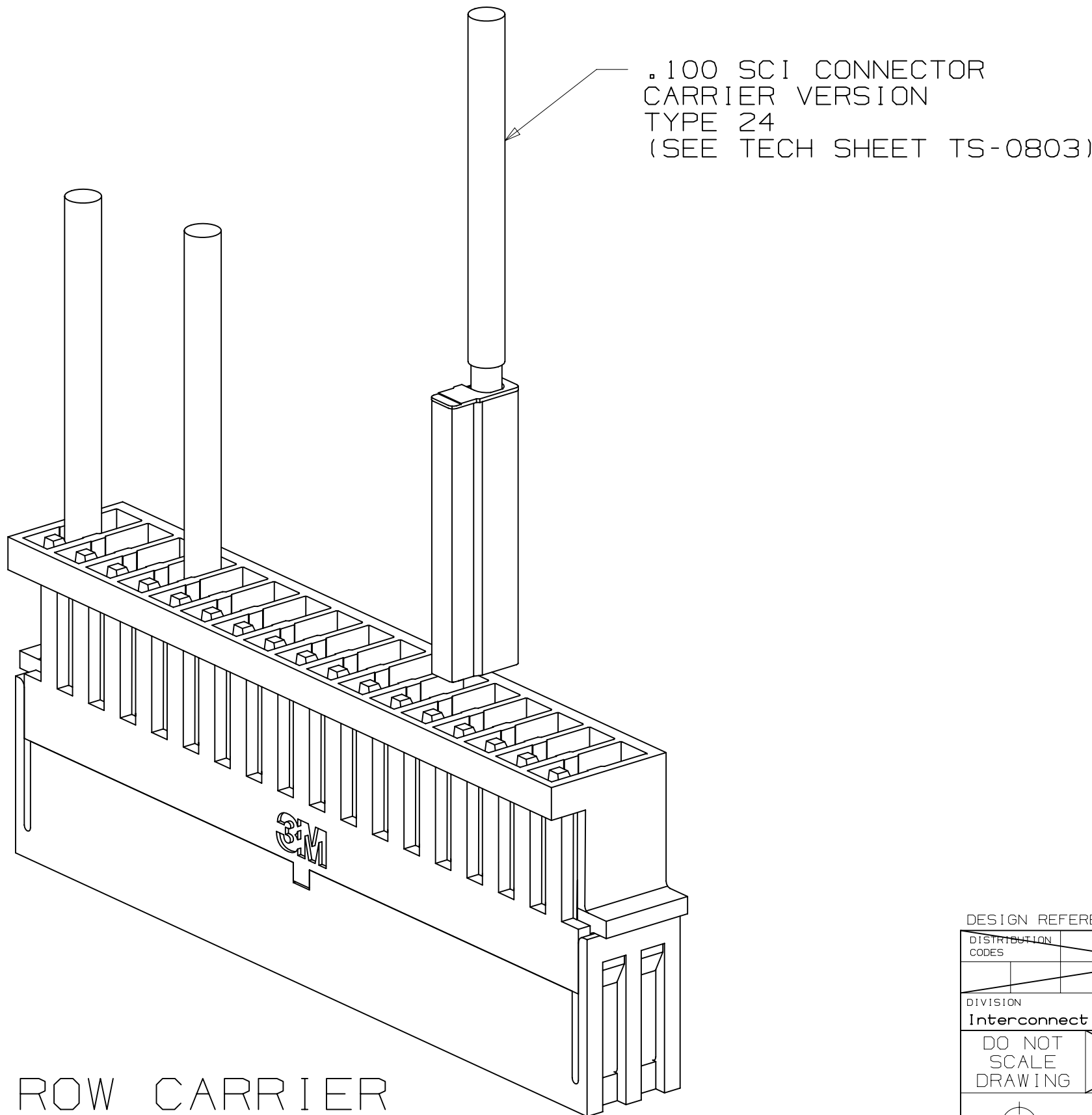
PIN STRIP LATCH

- * 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

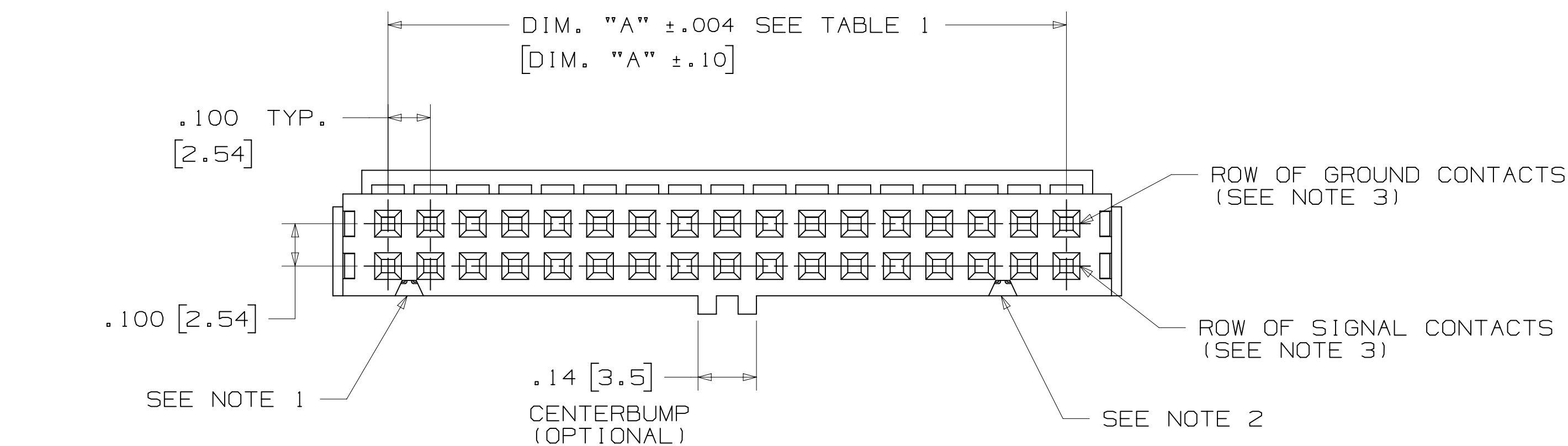


2 ROW CARRIER

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.

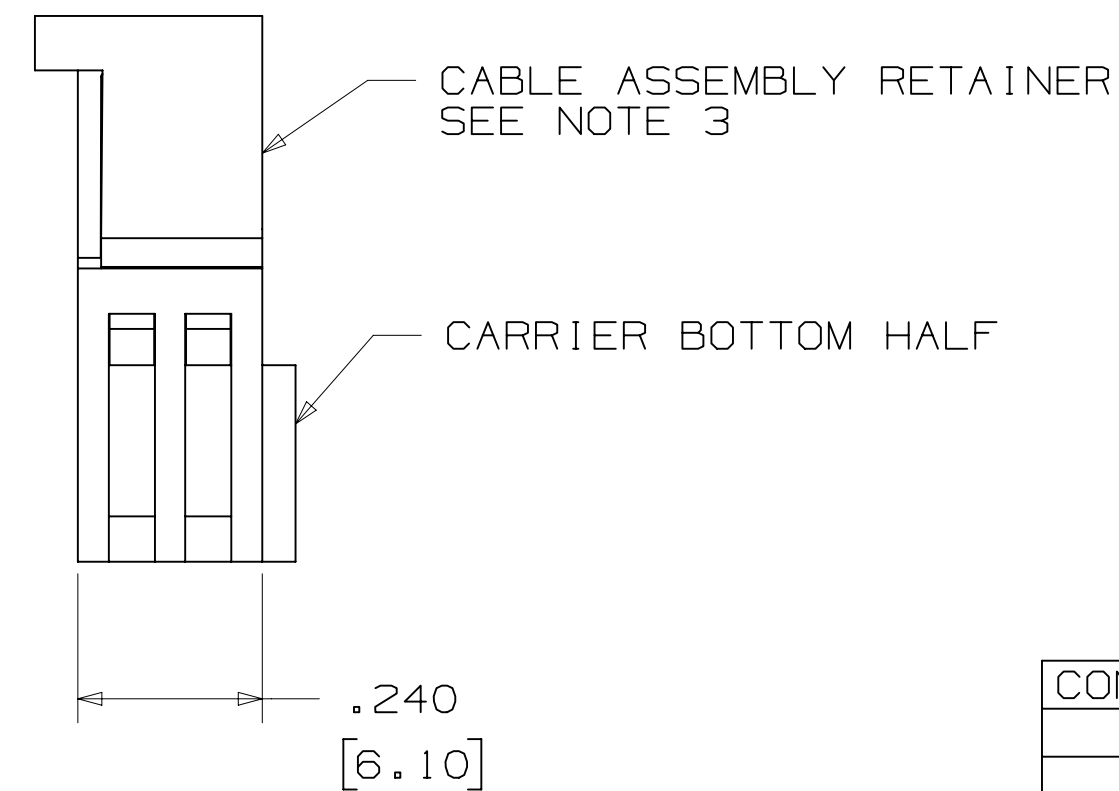
DESIGN REFERENCE		NEXT ASSEMBLY		REV		ECO		JAN 03, 2013		JNC		RS	
ISSUE DATE AND DESCRIPTION		DRFT		CHKD		REV		ECO		JAN 03, 2013		JNC	
DATE		MFG		DATE		APPR		DATE		JAN 03, 2013		JNC	
R. SCHERER		JAN 03, 2013		JNC		RS		JAN 03, 2013		JNC		RS	
DIVISION		DIVISION CODE		ISD		3M Center St. Paul, MN 55144		© 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.		JAN 03, 2013		JNC	
Interconnect Solutions		ISD		TOLERANCES EXCEPT AS NOTED		3M		ASSEMBLY HARDWARE , .100 SCI CARRIER		JAN 03, 2013		JNC	
DO NOT SCALE DRAWING		INCHES		.0000 ± .005		TITLE		ASSEMBLY HARDWARE , .100 SCI CARRIER		JAN 03, 2013		JNC	
THIRD ANGLE PROJECTION		MILLIMETERS		.0000 ± .005		CAGE NUMBER		SIZE		DRAWING NO.		REV.	
INTERPRET PER ASME Y14.5 - 1994		.0000 ± .005		.0000 ± .005		D		78-5100-0802-8		B		JAN 03, 2013	
MAX SURFACE ROUGHNESS		.0000 ± .005		.0000 ± .005		MODEL		DET		YES		NO	
DIM SURFACES		.0000 ± .005		.0000 ± .005		SHT 1 OF 3		JAN 03, 2013		JNC		RS	
MARKED ONLY		.0000 ± .005		.0000 ± .005		JAN 03, 2013		JNC		RS		JAN 03, 2013	

.100" ASSEMBLY HARDWARE



CARRIER STYLE: _____

PS = CENTERBUMP, SHORT LATCHES
NS = NO CENTERBUMP, SHORT LATCHES
PL = CENTERBUMP, LONG LATCHES
NL = NO CENTERBUMP, LONG LATCHES



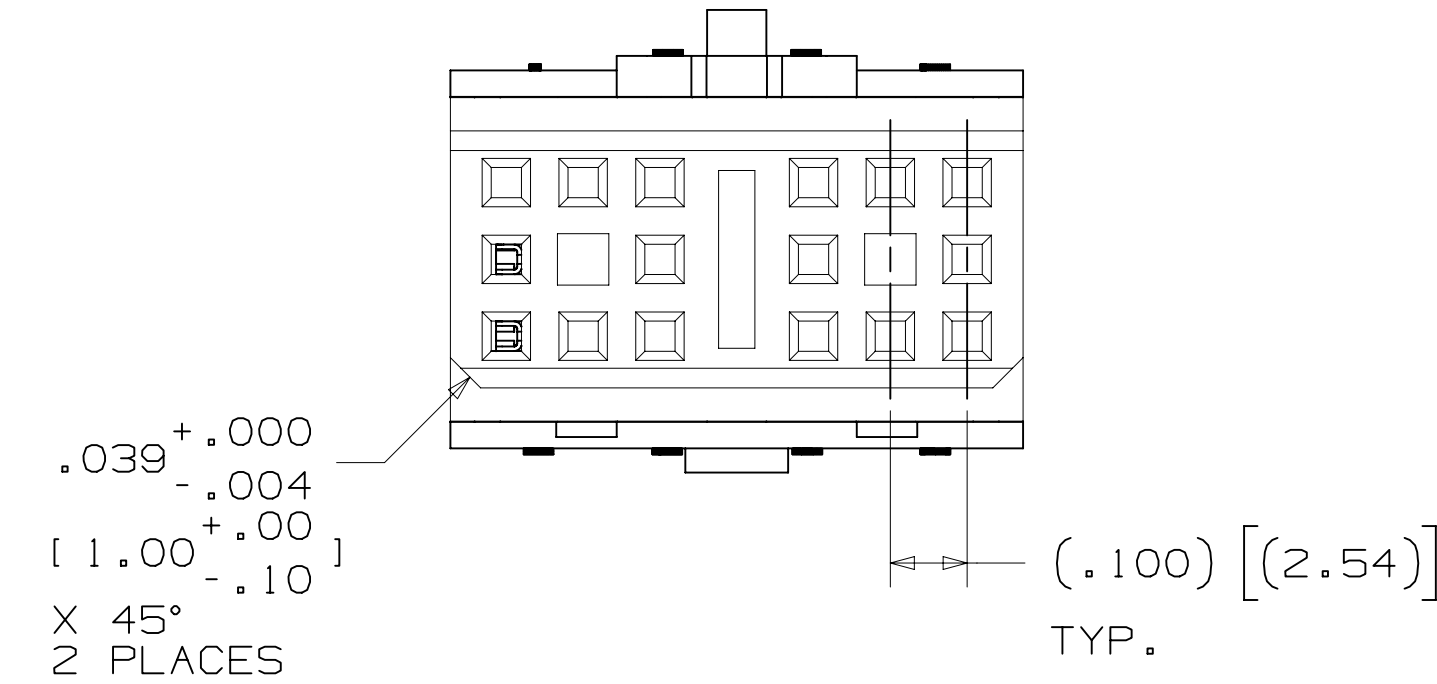
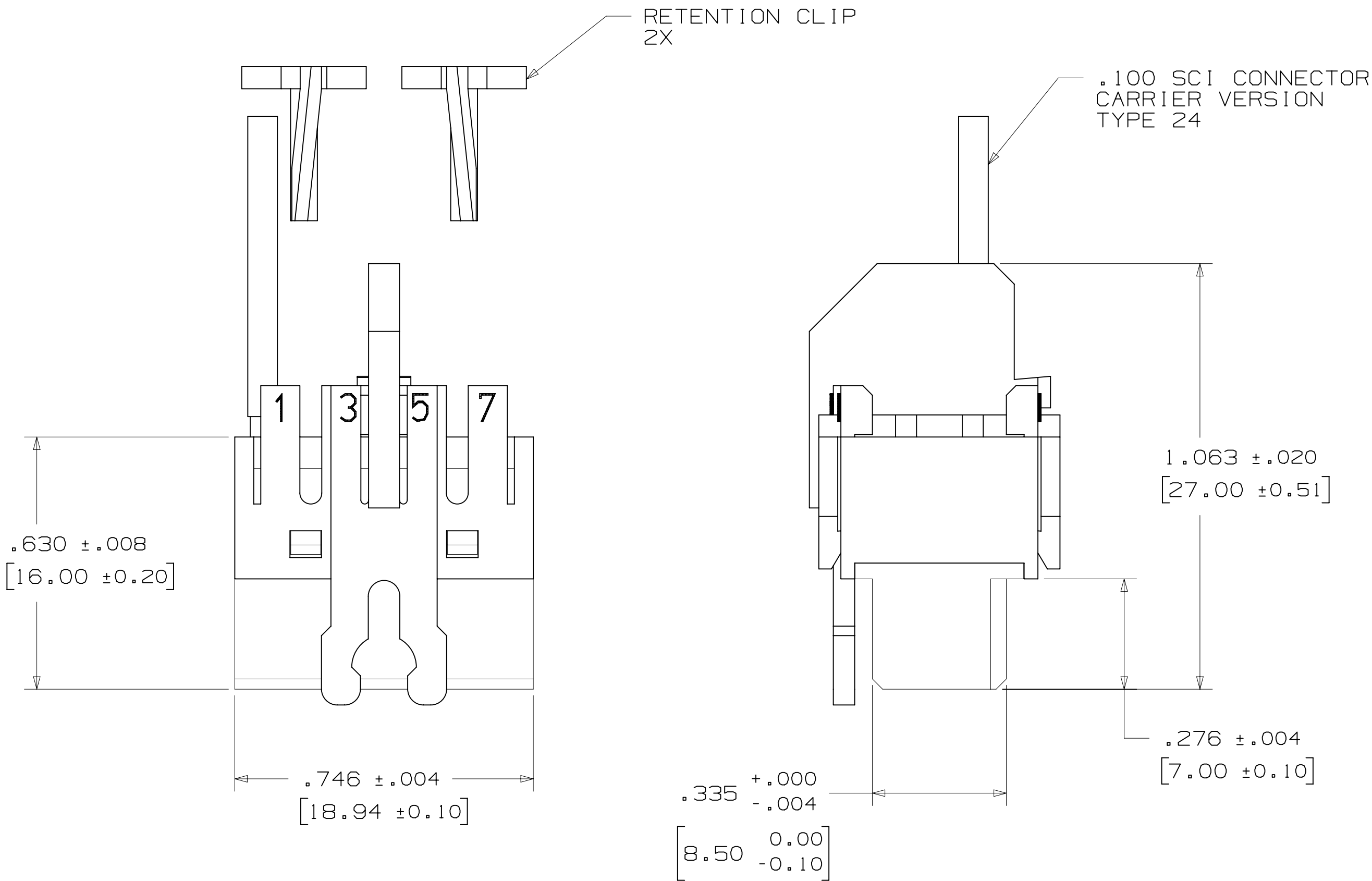
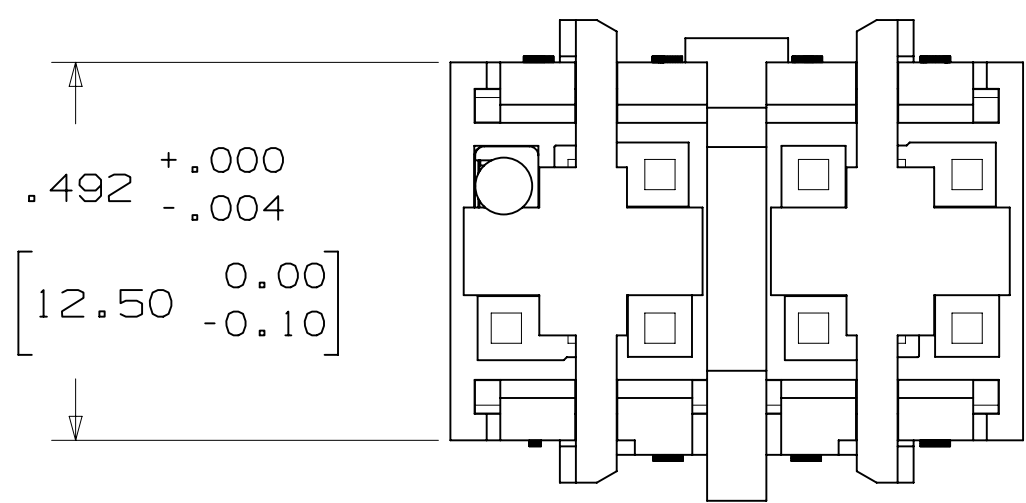
CONTACT QTY.	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"
06	.20 [5.08]	.41 [10.48]	.32 [8.22]	.46 [11.68]
08	.30 [7.62]	.51 [13.02]	.42 [10.76]	.56 [14.22]
* 10	.40 [10.16]	.61 [15.56]	.52 [13.30]	.66 [16.76]
12	.50 [12.70]	.71 [18.10]	.62 [15.84]	.76 [19.30]
* 14	.60 [15.24]	.81 [20.64]	.72 [18.38]	.86 [21.84]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

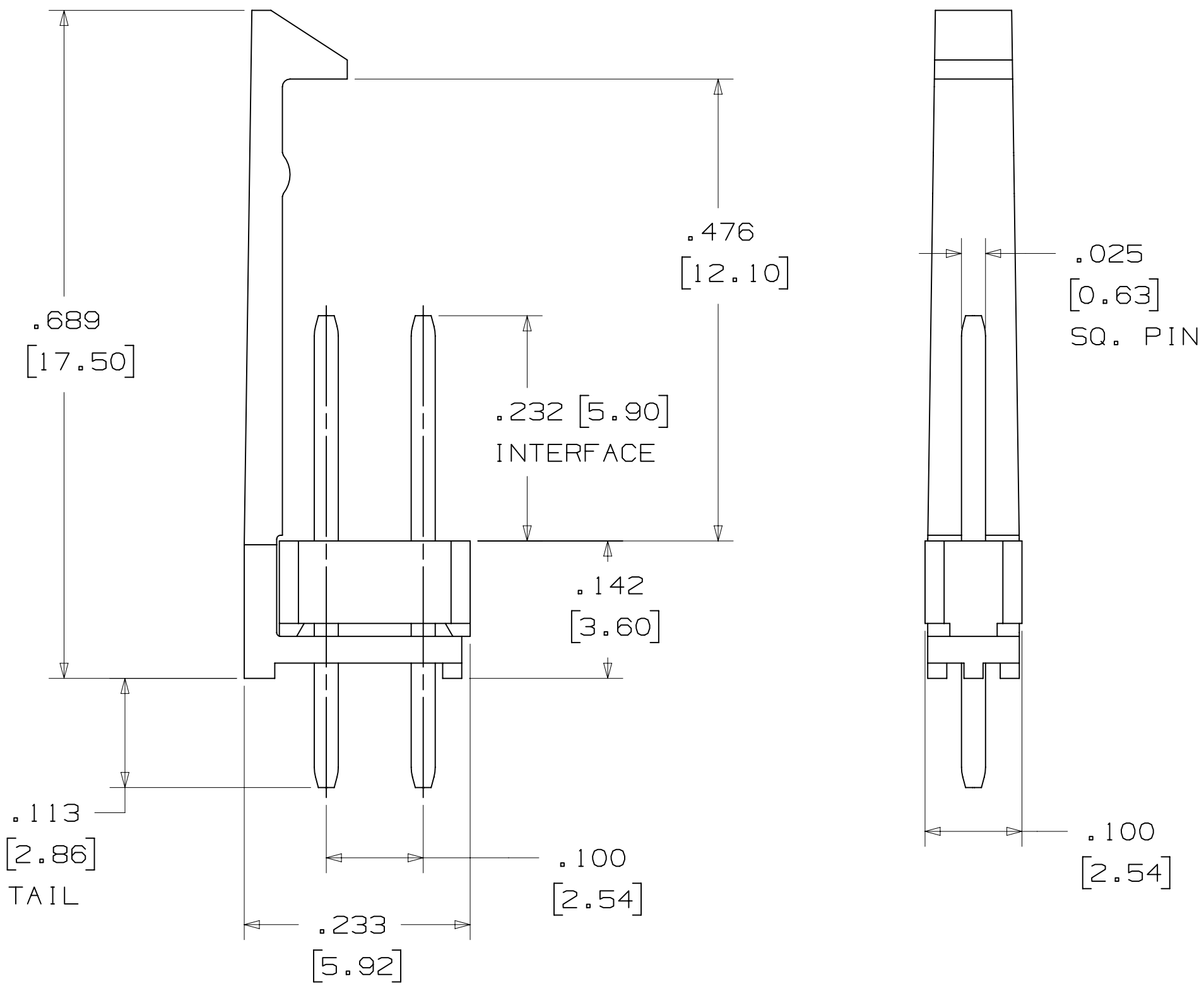


DESIGN REFERENCE		NEXT ASSEMBLY		B 44714		JAN 03, 2013		JNC		RS	
REV		ECO		ISSUE DATE AND DESCRIPTION		DATE		DRFT		CHKD	
DISC. REF. CODE		DISC. REF. CODE		REV. CAST16L1ONE		DATE JAN 03, 2013		MFG		DATE	
DIVISION		DIVISION CODE		CHKD		DATE		APPRV. R. SCHERER		DATE JAN 03, 2013	
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				INCHES .01 ± .00 ± .01 .000 ± .005 .0000 ±				TITLE			
THIRD ANGLE PROJECTION				MILLIMETERS				ASSEMBLY HARDWARE ,			
INTERPRET PER ASME Y14.5 - 1994				0 ± .0 ± .3 .00 ± .13 .000 ±				100 SCI CARRIER			
MAX. SURFACE ROUGHNESS 12.5 SURFACES ✓ MARKED ONLY				CAGE NUMBER SIZE DRAWING NO.				REV.			
ANGLES				578-5100-0802-8				B			
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		
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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			

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[9810-PLM0](#) [9814-PSM0](#) [9816-NSM0](#) [9816-PLM0](#) [9820-PLM0](#) [9820-PSM0](#) [9826-PLM0](#) [9826-PSM0](#) [9834-NSM0](#)
[9834-PLM0](#) [9850-PLM0](#) [9850-PSM0](#) [9840-PSM0](#)