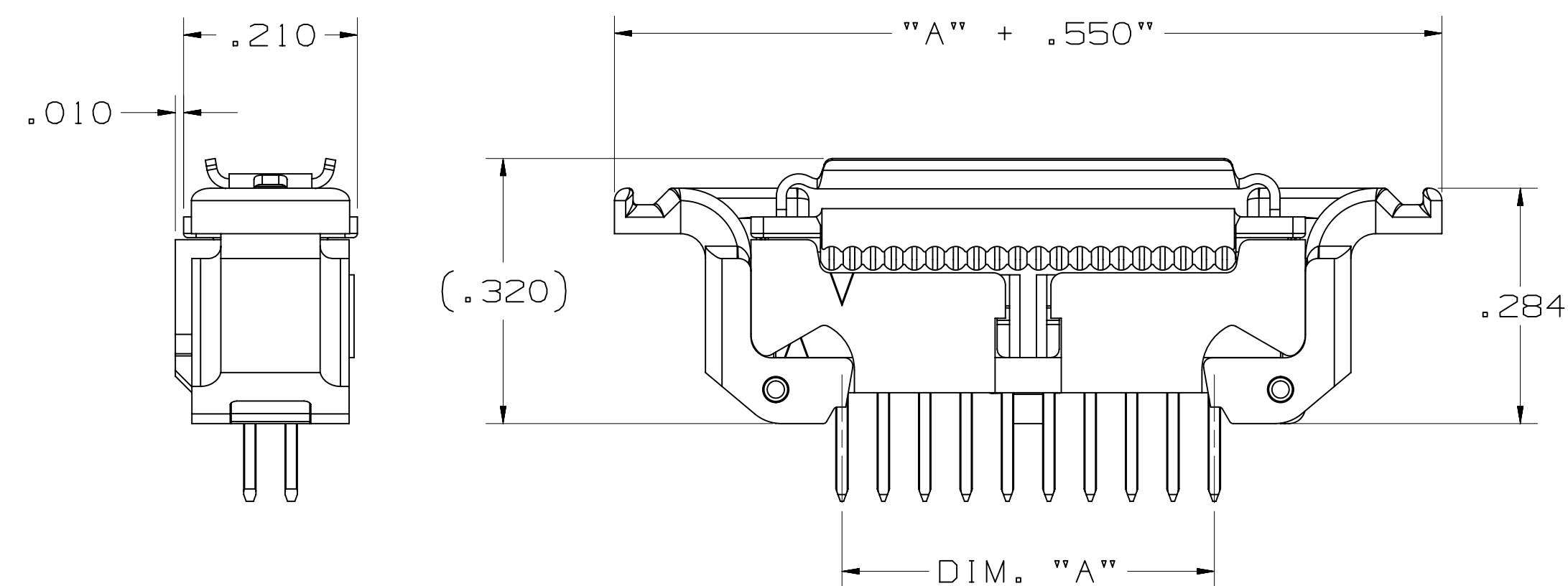
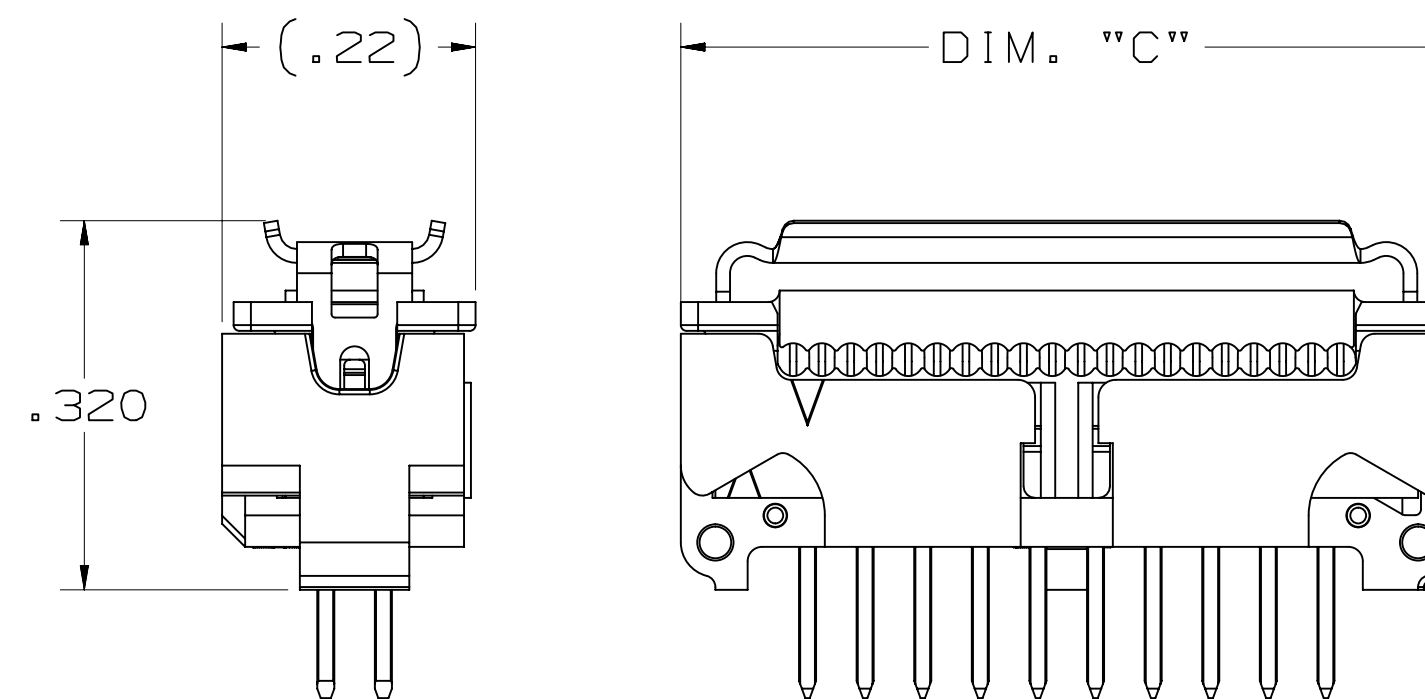


3MTH SHROUDED BOARDMOUNT HEADER, .05" X .05" PITCH,
LATCH AND EJECT, 452 SERIES



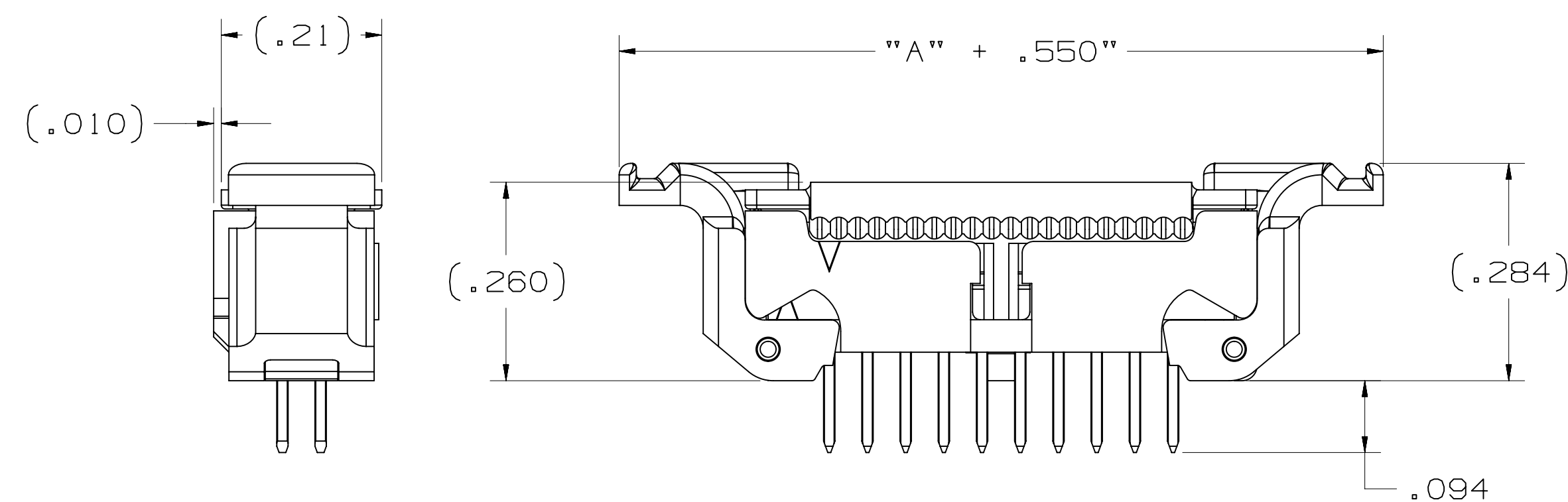
VERTICAL HEADER & SOCKET ASSEMBLY
WITH LOW PROFILE LATCHES & STRAIN RELIEF



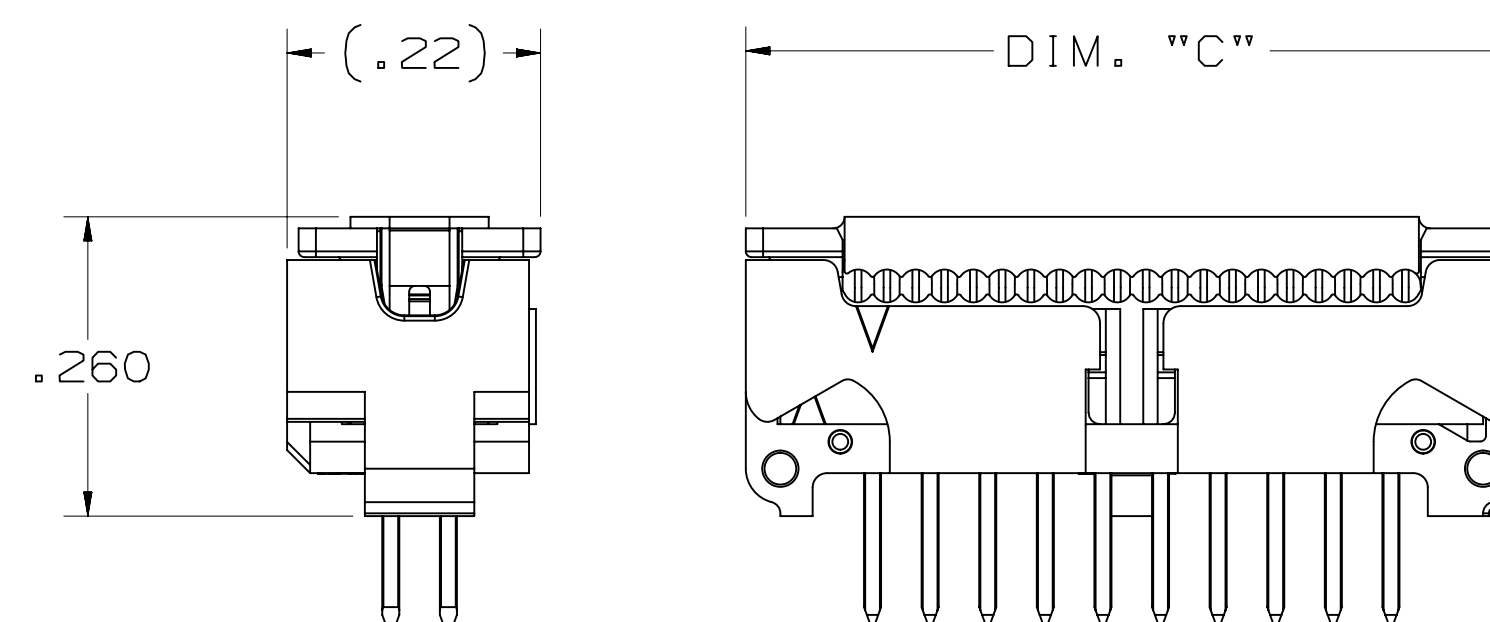
VERTICAL HEADER & SOCKET ASSEMBLY
NO LATCHES WITH STRAIN RELIEF

No. Positions	Dim "A"	Dim "C"
4	.050	.270
6	.100	.320
8	.150	.370
10	.200	.420
12	.250	.470
14	.300	.520
16	.350	.570
20	.450	.670
30	.700	.920

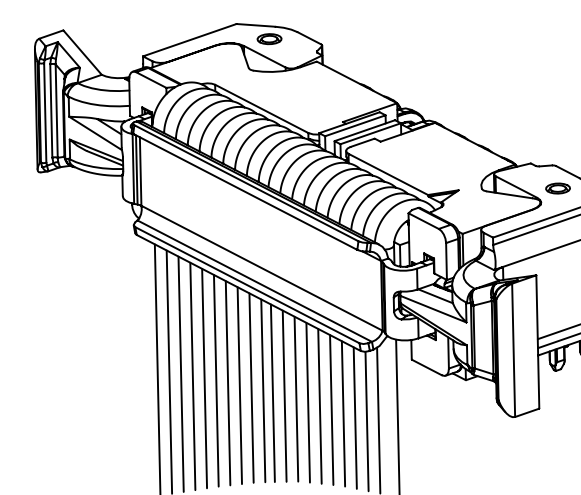
- | NOTES | |
|-------|---|
| 1. | IN THE EVENT OF CONFLICT BETWEEN THIS DATA AND THAT CONTAINED IN THE PRODUCT SPECIFICATION, THE PRODUCT SPECIFICATION TAKES PRECEDENT. |
| 2. | REGULATORY INFORMATION: ROHS COMPLIANT. SEE THE REGULATORY INFORMATION APPENDIX (RIA) IN THE "ROHS COMPLIANCE" SECTION OF WWW.3MCONNECTORS.COM FOR COMPLIANCE INFORMATION (RIA E1 & C1 APPLY) |
| 3. | OTHER PIN COUNTS AVAILABLE UPON REQUEST. CONTACT 3M. |
| 4. | DIMENSIONS IS TAKEN FROM EDGE OF CABLE TO SIDE OF CONNECTOR. |



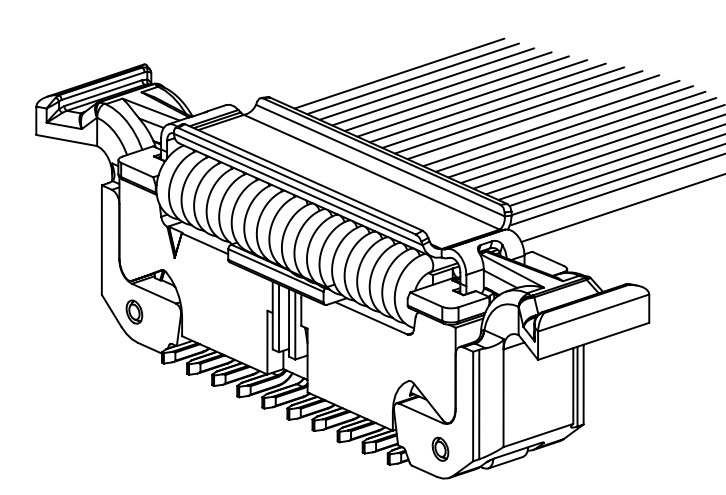
VERTICAL HEADER & SOCKET ASSEMBLY
WITH LATCHES NO STRAIN RELIEF



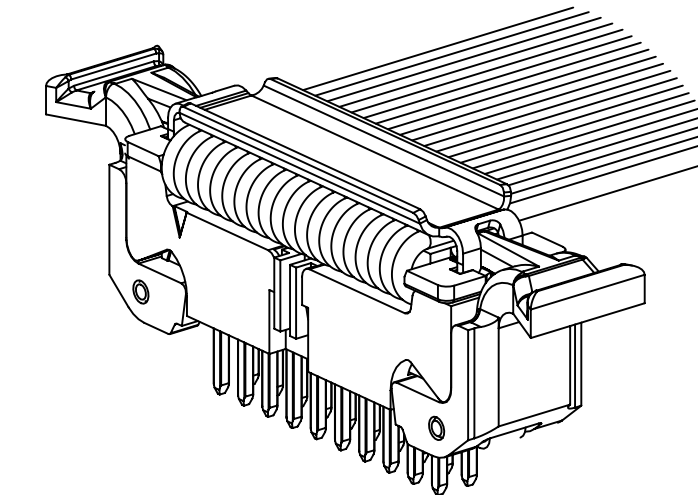
VERTICAL HEADER & SOCKET ASSEMBLY
NO LATCHES NO STRAIN RELIEF



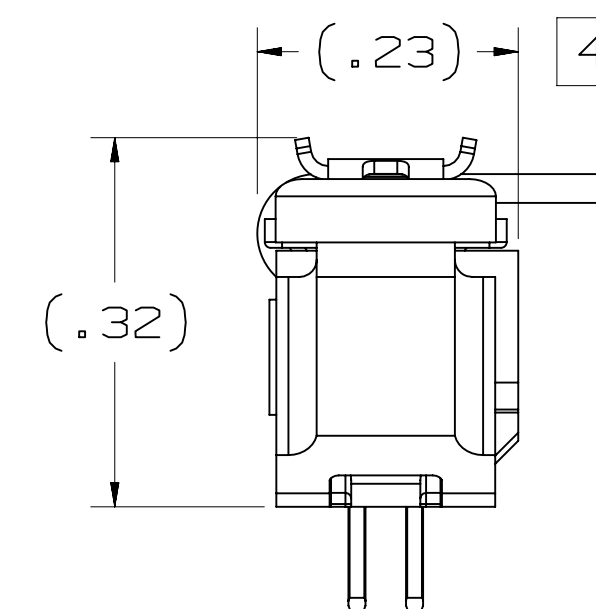
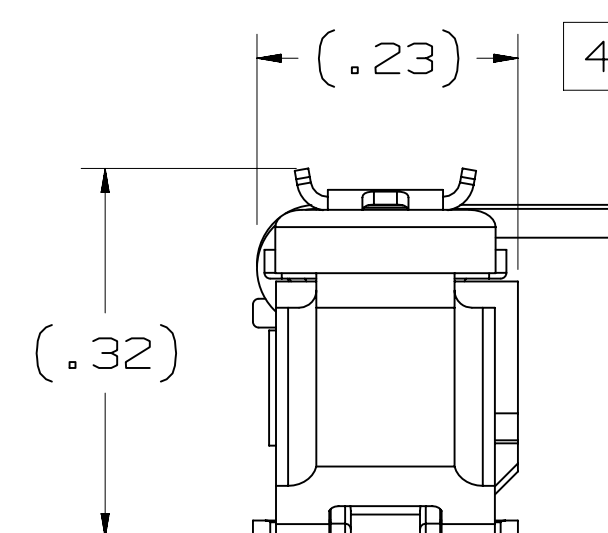
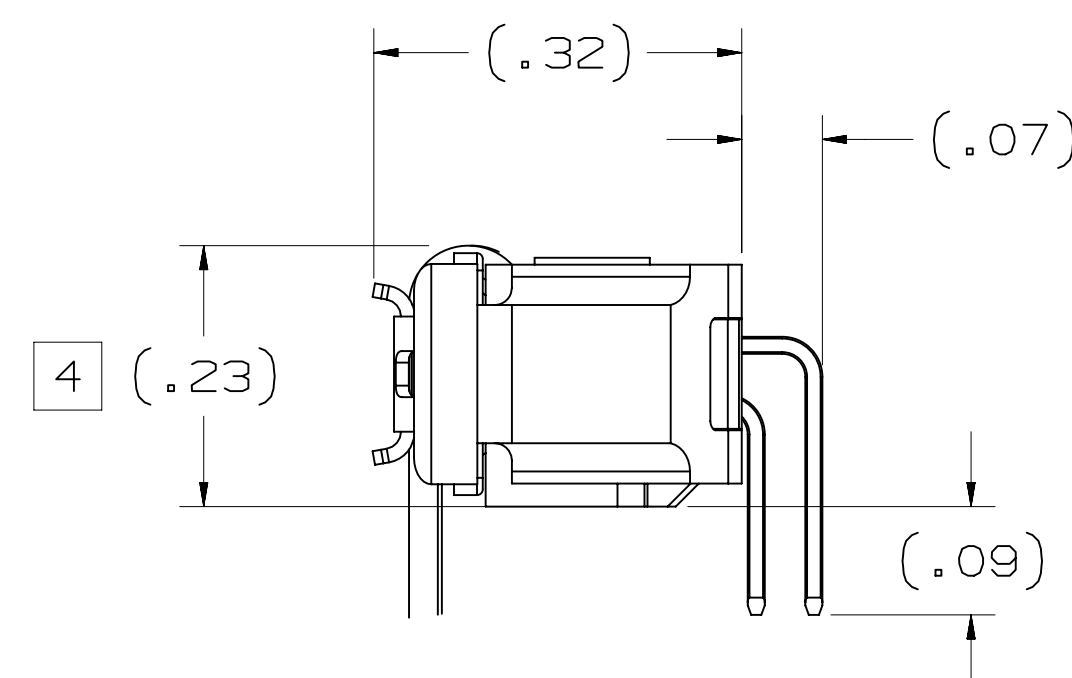
RA ASSEMBLY

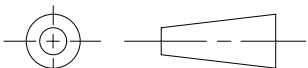


SMT ASSEMBLY



VERTICAL ASSEMBLY



DESIGN REFERENCE			NEXT	ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION		DRFT	CHKD
ADDRESS CODES					DRFT ARM		DATE FEB 11, 2011	MFG	DATE	
					CHKD		DATE	APPRV. S. NEU	DATE FEB 11, 2011	
DIVISION Interconnect Solutions				DIVISION CODE ISD		© 3M COPYRIGHT 2013				
DO NOT SCALE DRAWING		SCALE 6 1		TOLERANCES EXCEPT AS NOTED		 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.				
		INCHES .0 .00 ± .1 .00 ± .02 .000 ± .010 .0000 ± .005		MILLIMETERS 0 ± .0 .00 ± .000 ±		TITLE CONNECTOR SYSTEM, .05 X .05, MATED DIMENSIONS				
THIRD ANGLE PROJECTION		INTERPRET PER ASME Y14.5 - 1994				CAGE NUMBER		SIZE DRAWING NO.		REV.
MAX. SURFACE ROUGHNESS MAX. SURFACES ☒ UNMARKED SURFACES ☐ MARKED SURFACES		WILL METERS 0 ± .0 .00 ± .000 ±		ANGLE ±		D		5100-2396-9		B
						MODEL 452		DET. TESTS YES YES NO		SHT 1 OF 1

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

Imaged: B.1 7/12/2013 2:32 PM UTC-05:00