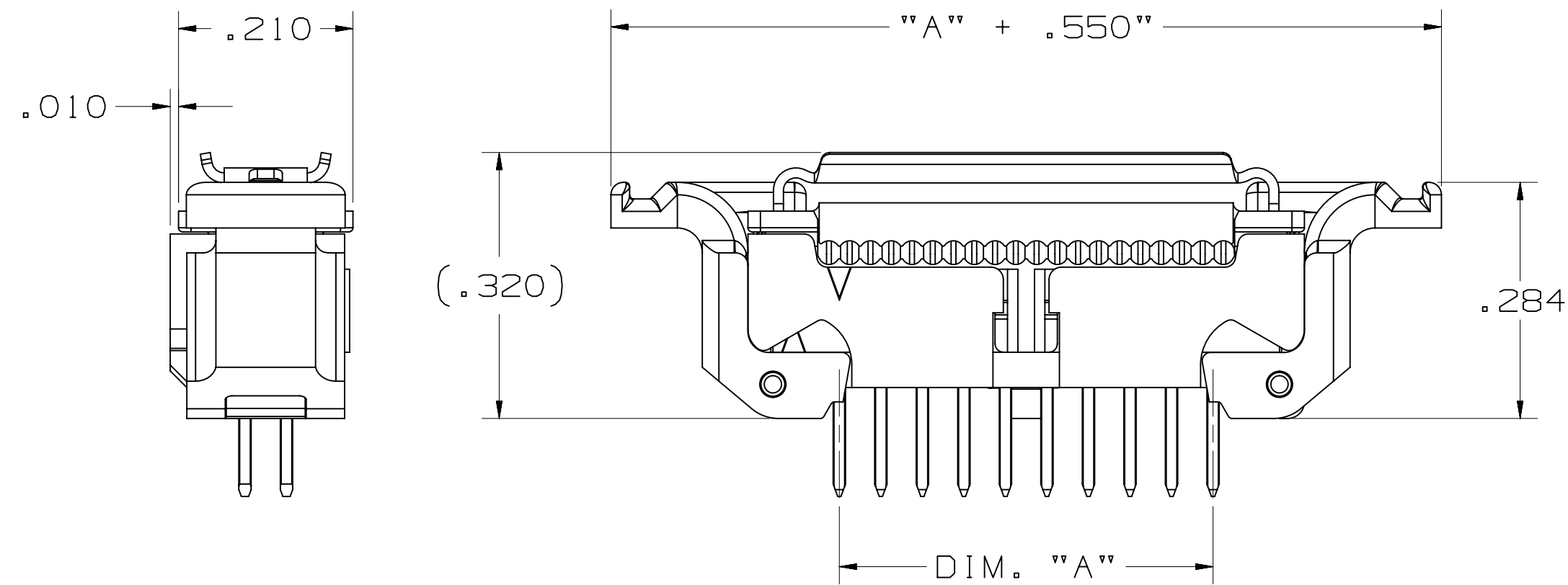
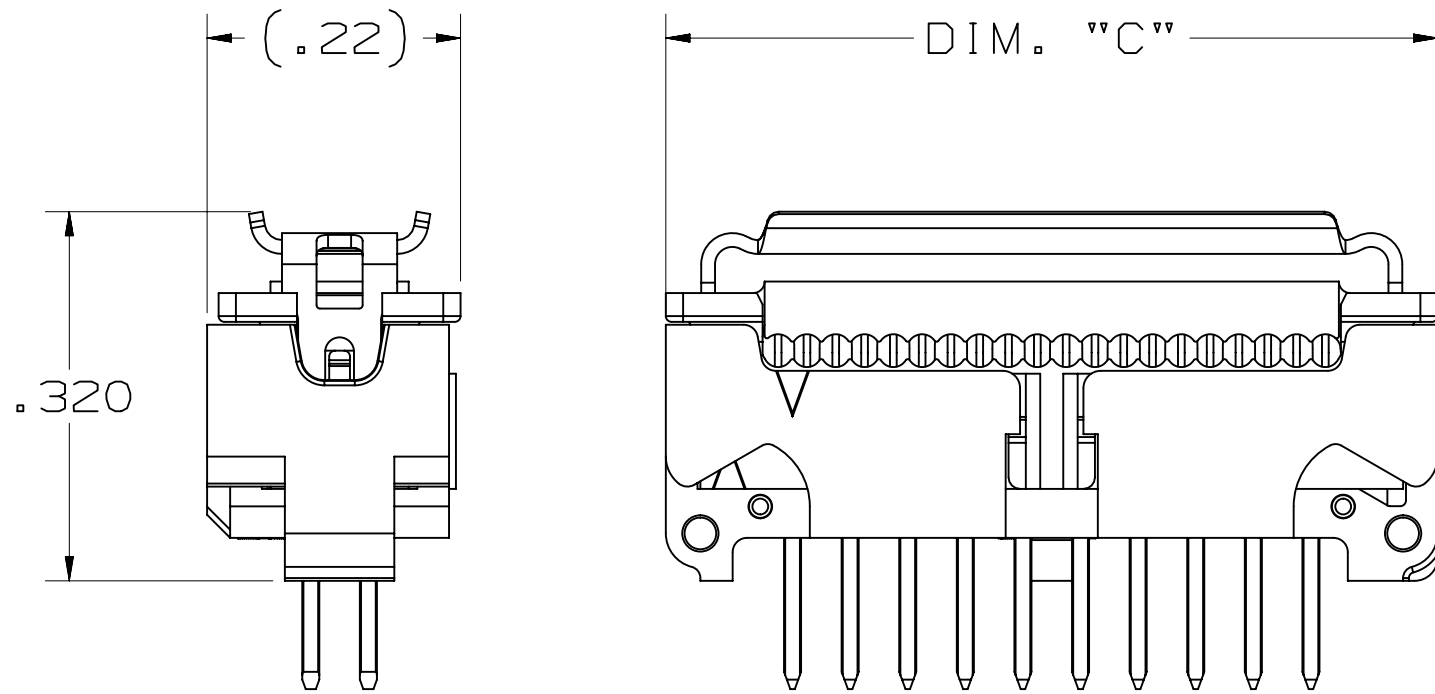


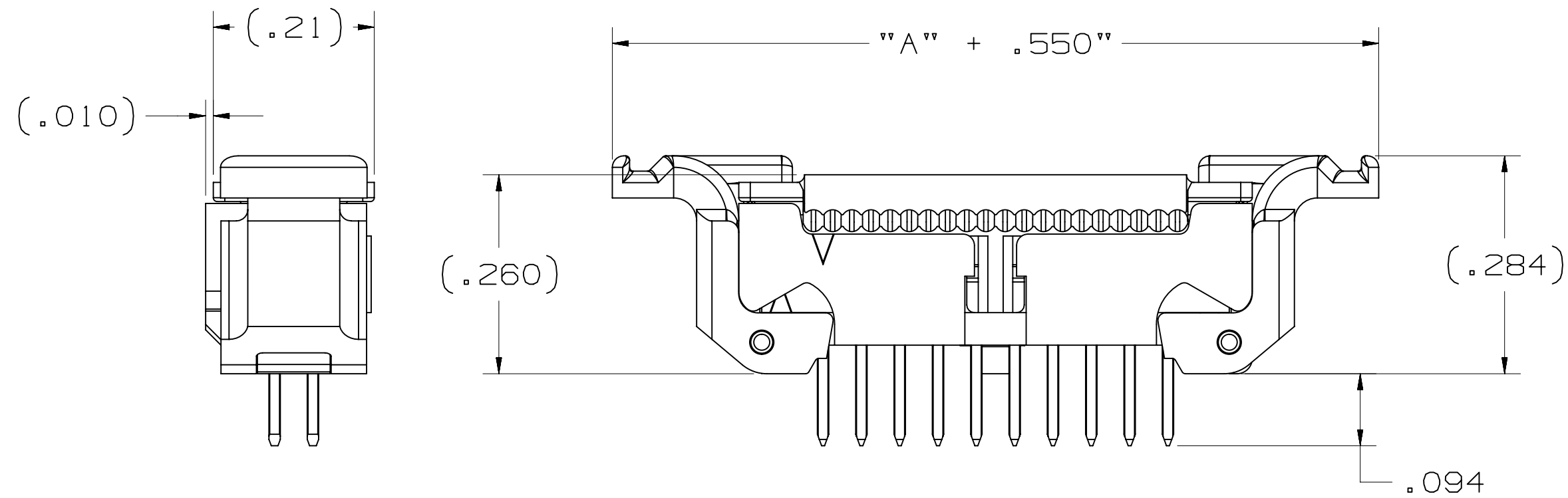
3MTH SHROUDED BOARDMOUNT HEADER, .05" X .05" PITCH, LATCH AND EJECT, 452 SERIES



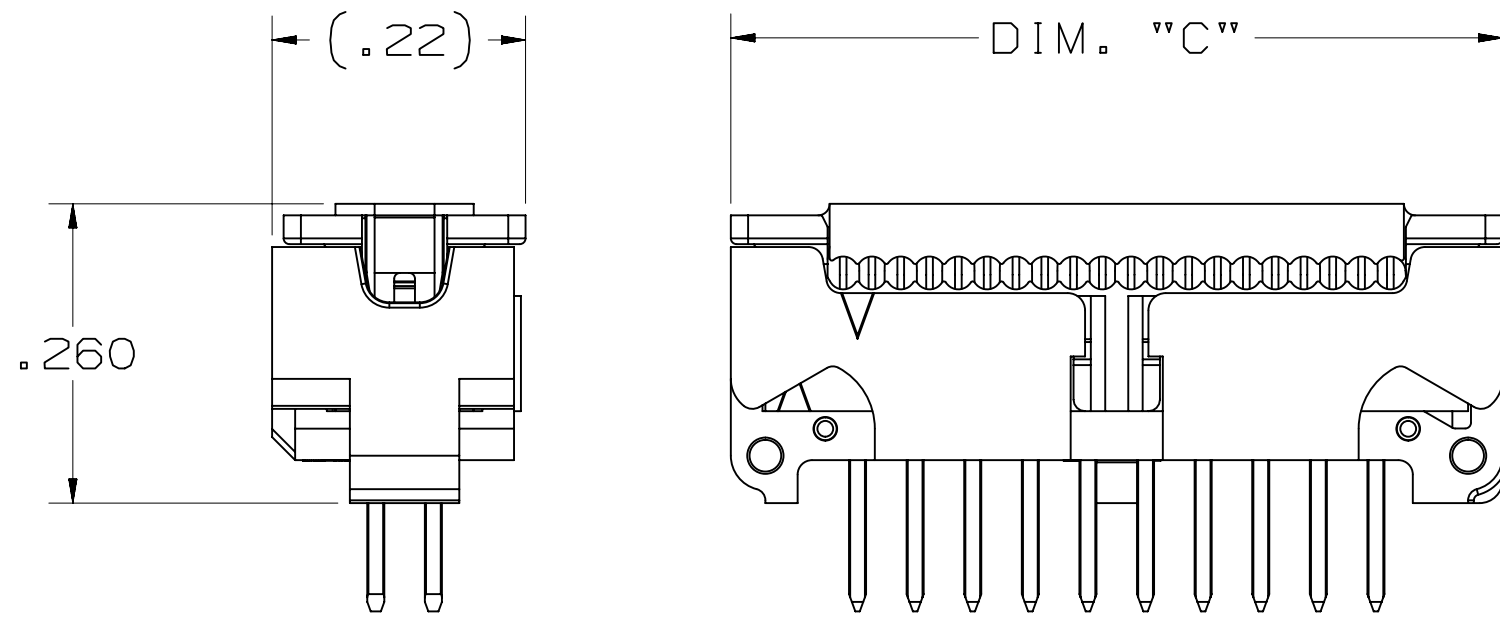
VERTICAL HEADER & SOCKET ASSEMBLY
WITH LOW PROFILE LATCHES & STRAIN RELIEF



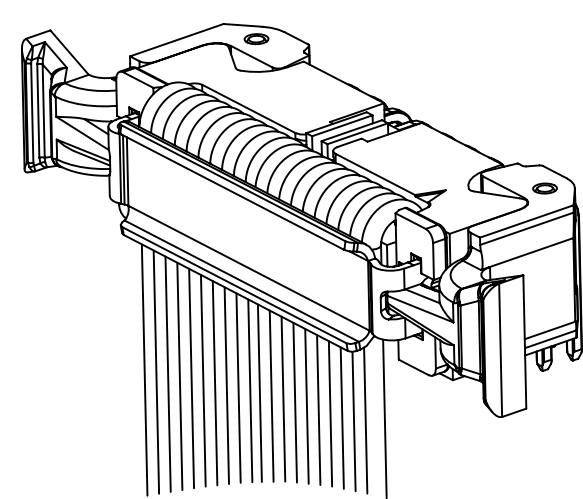
VERTICAL HEADER & SOCKET ASSEMBLY
NO LATCHES WITH STRAIN RELIEF



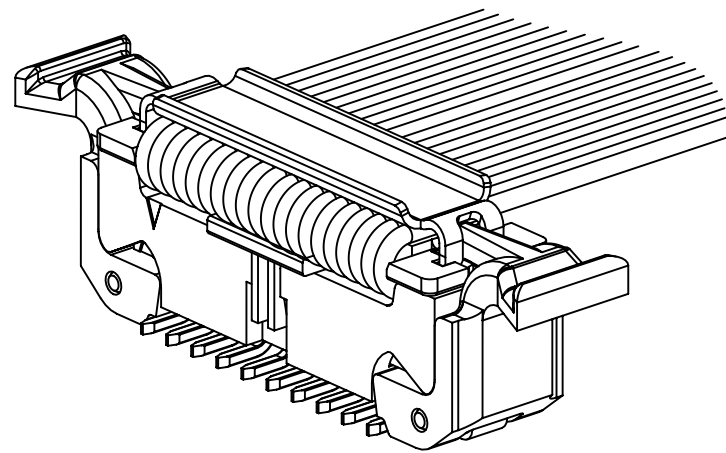
VERTICAL HEADER & SOCKET ASSEMBLY
WITH LATCHES NO STRAIN RELIEF



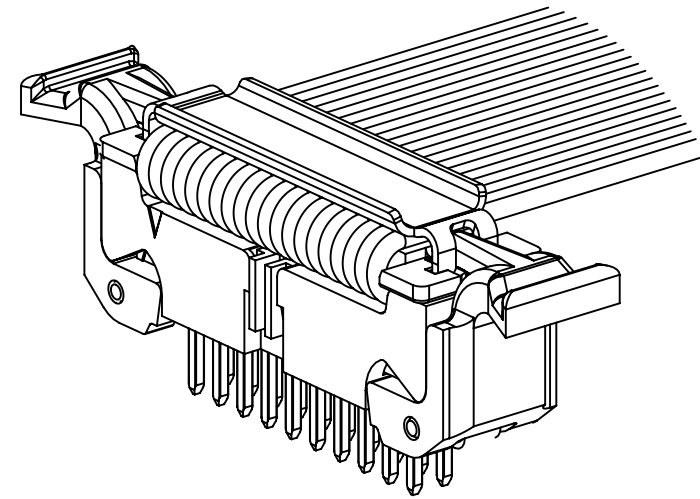
VERTICAL HEADER & SOCKET ASSEMBLY
NO LATCHES NO STRAIN RELIEF



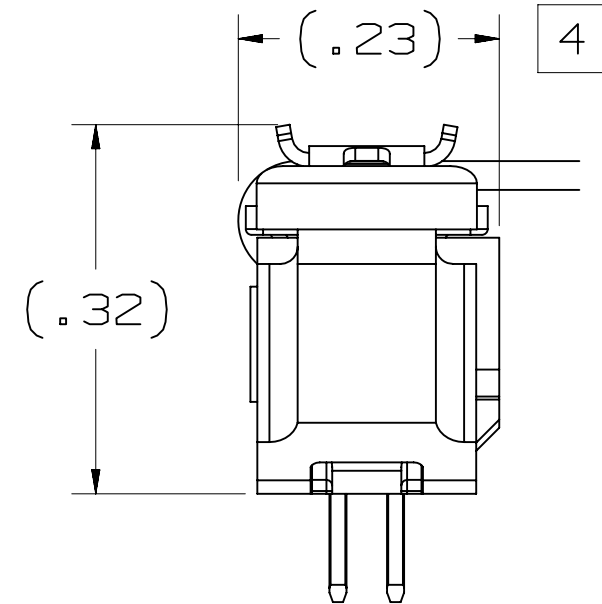
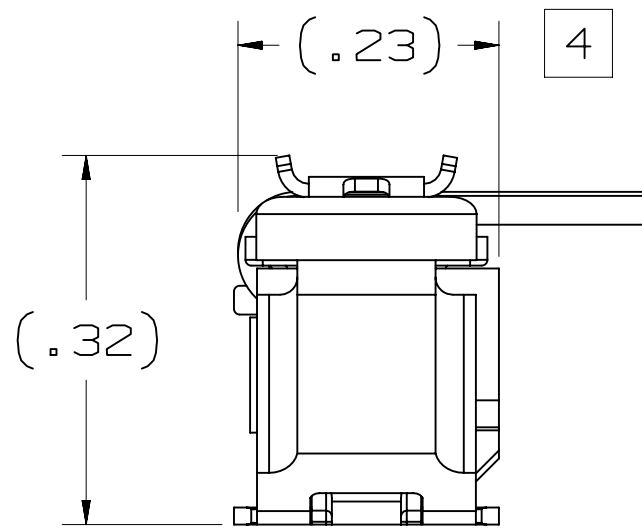
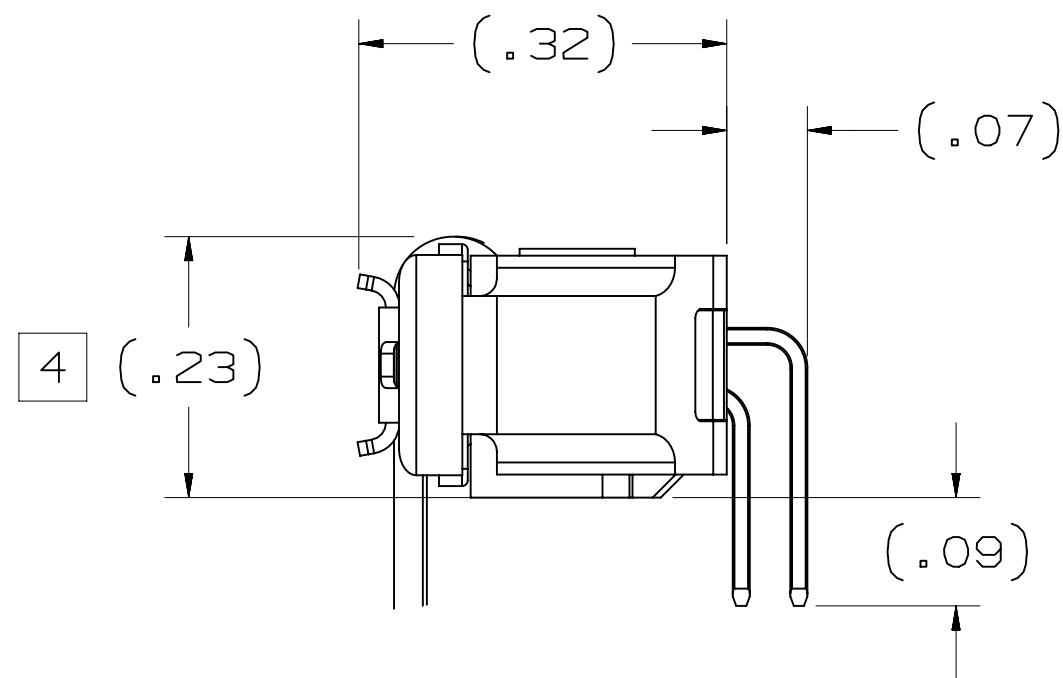
RA ASSEMBLY



SMT ASSEMBLY



VERTICAL ASSEMBLY



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.

3MTM 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
ADDRESS CODES				DRAFT ARM		DATE FEB 11, 2011		MFG	DATE
				CHKD		DATE		APPRV S. NEU	DATE FEB 11, 2011
DIVISION				DIVISION CODE		© 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.			
Interconnect Solutions				ISD					
DO NOT SCALE DRAWING		SCALE 6 1		TOLERANCES EXCEPT AS NOTED		3M 3M Center St. Paul, MN 55144			
				INCHES		TITLE CONNECTOR SYSTEM, .05 X .05, MATED DIMENSIONS			
THIRD ANGLE PROJECTION				.00 ±.01 .000 ±.002 .0000 ±.005					
INTERPRET PER ASME Y14.5 - 1994				MILLIMETERS		CAGE NUMBER D 78-5100-2396-9			
MAX SURFACE ROUGHNESS				0 ±.000 .000 ±.000					
MIN SURFACES				ANGLES		SIZE		DRAWING NO.	
✓ MARKED ONLY						MODEL		REV.	
				452		DET. LISTS		YES X NO	
								SHT 1 OF 1	