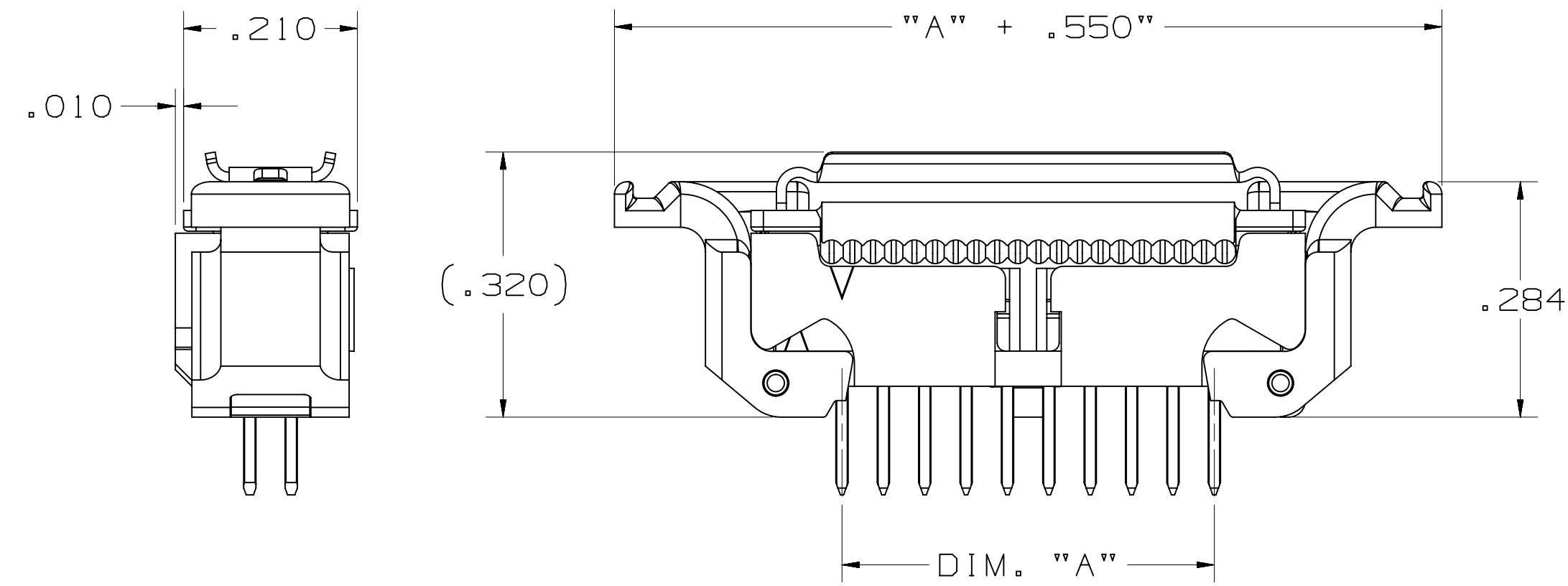
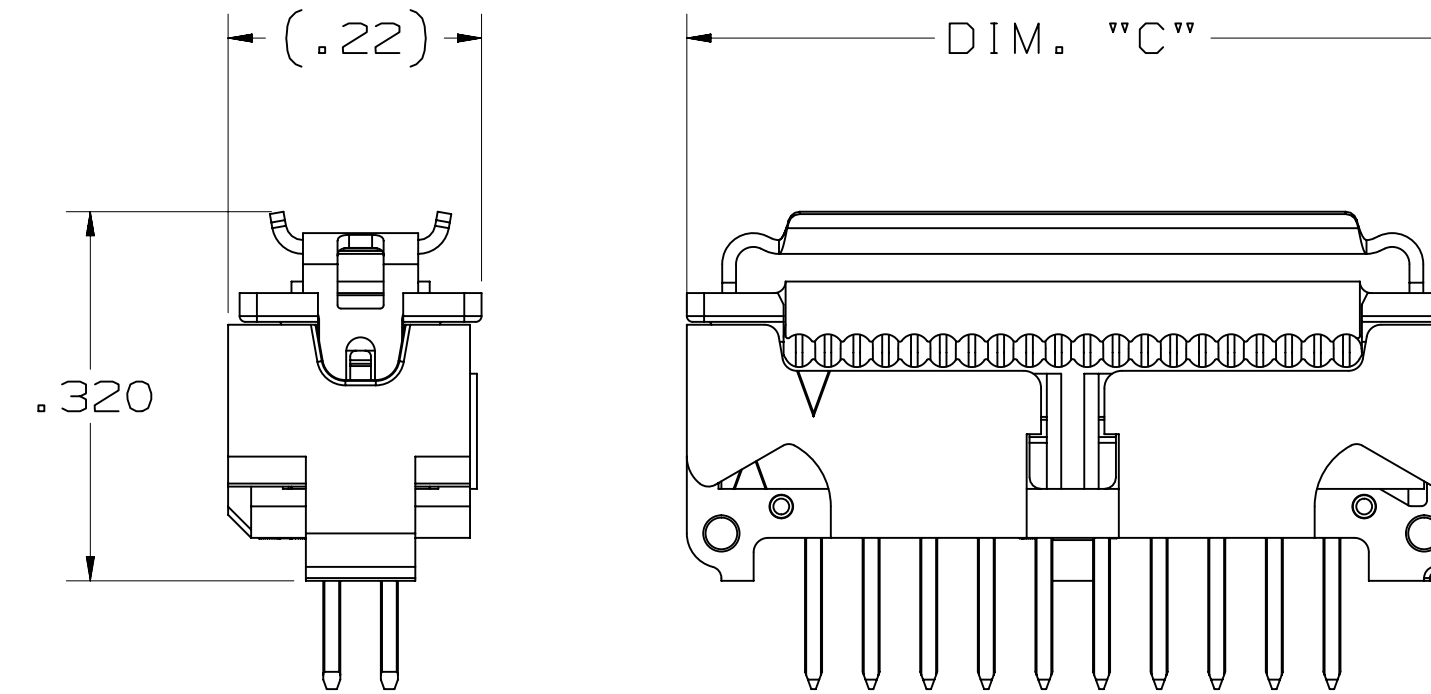


3MTH SHROUDED BOARDMOUNT HEADER, .05" X .05" PITCH,
LATCH AND EJECT, 452 SERIES



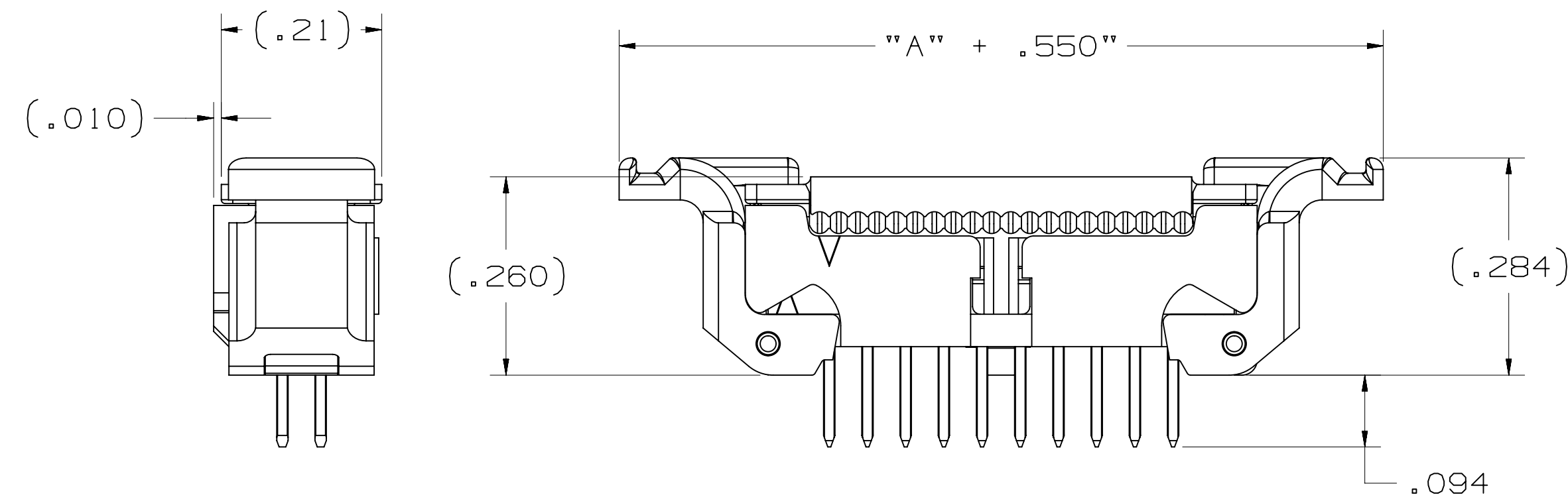
VERTICAL HEADER & SOCKET ASSEMBLY
WITH LOW PROFILE LATCHES & STRAIN RELIEF



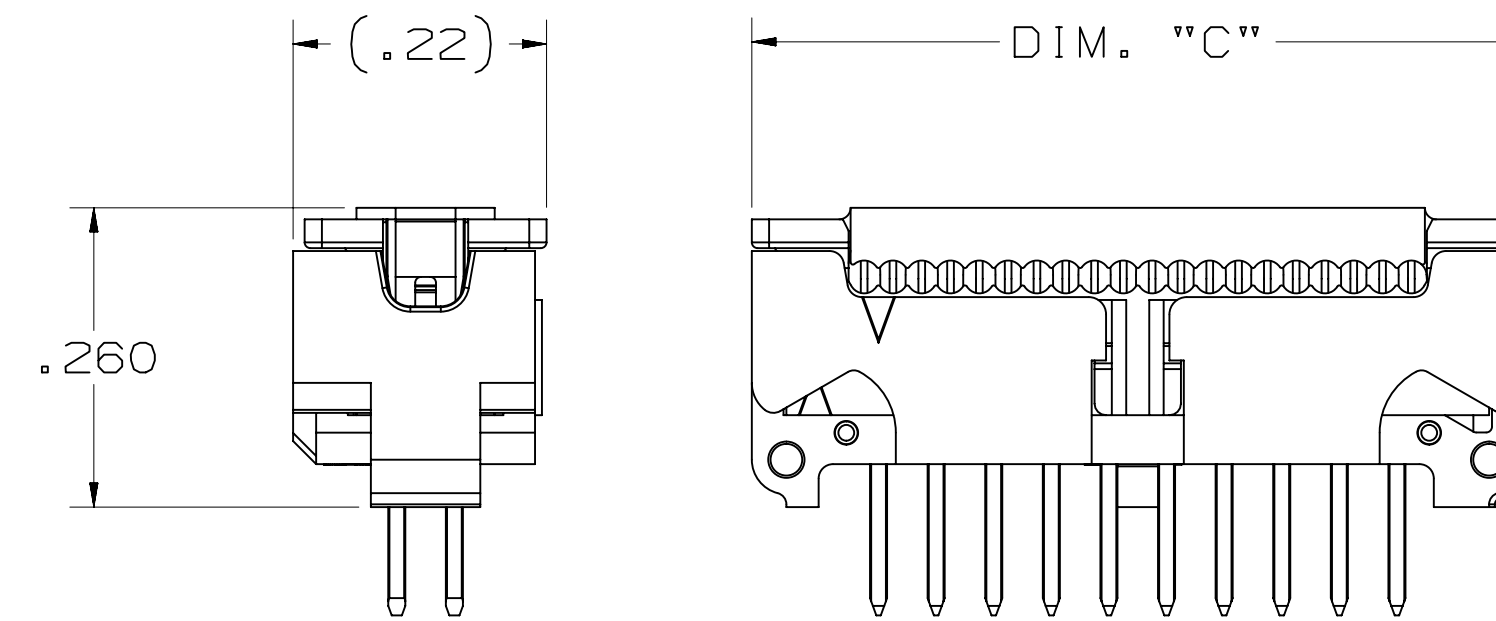
VERTICAL HEADER & SOCKET ASSEMBLY
NO LATCHES WITH STRAIN RELIEF

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

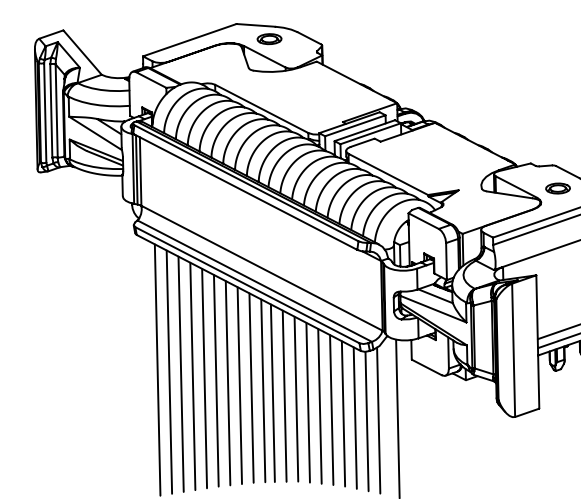
- | NOTES | |
|-------|---|
| 1. | IN THE EVENT OF CONFLICT BETWEEN THIS DATA AND THAT CONTAINED IN THE PRODUCT SPECIFICATION, THE PRODUCT SPECIFICATION TAKES PRECEDENT. |
| 2. | REGULATORY INFORMATION: ROHS COMPLIANT. SEE THE REGULATORY INFORMATION APPENDIX (RIA) IN THE "ROHS COMPLIANCE" SECTION OF 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. |



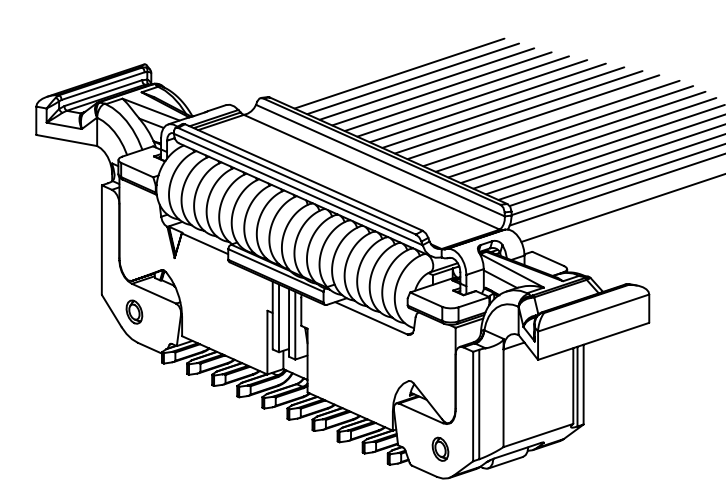
VERTICAL HEADER & SOCKET ASSEMBLY
WITH LATCHES NO STRAIN RELIEF



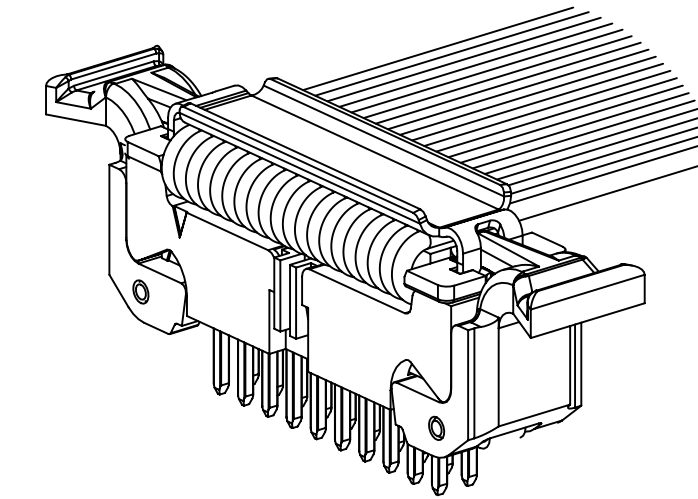
VERTICAL HEADER & SOCKET ASSEMBLY
NO LATCHES NO STRAIN RELIEF



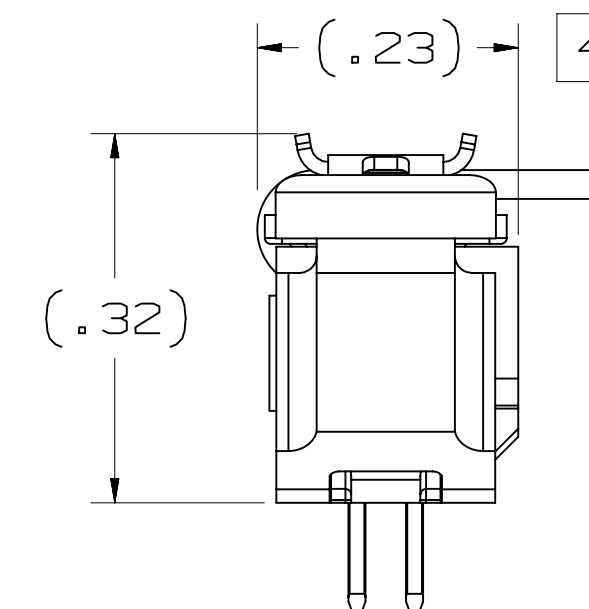
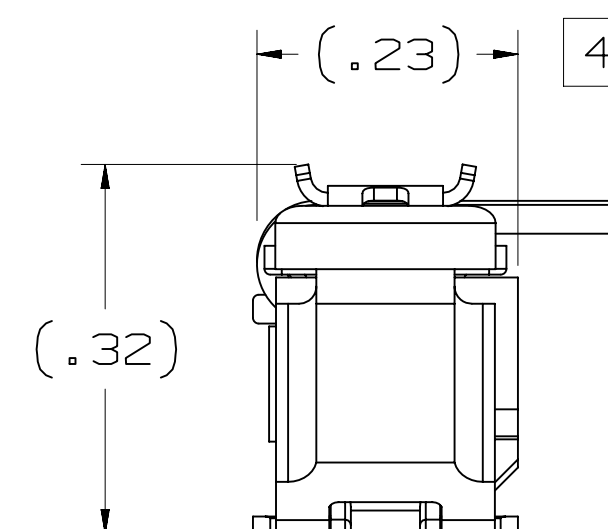
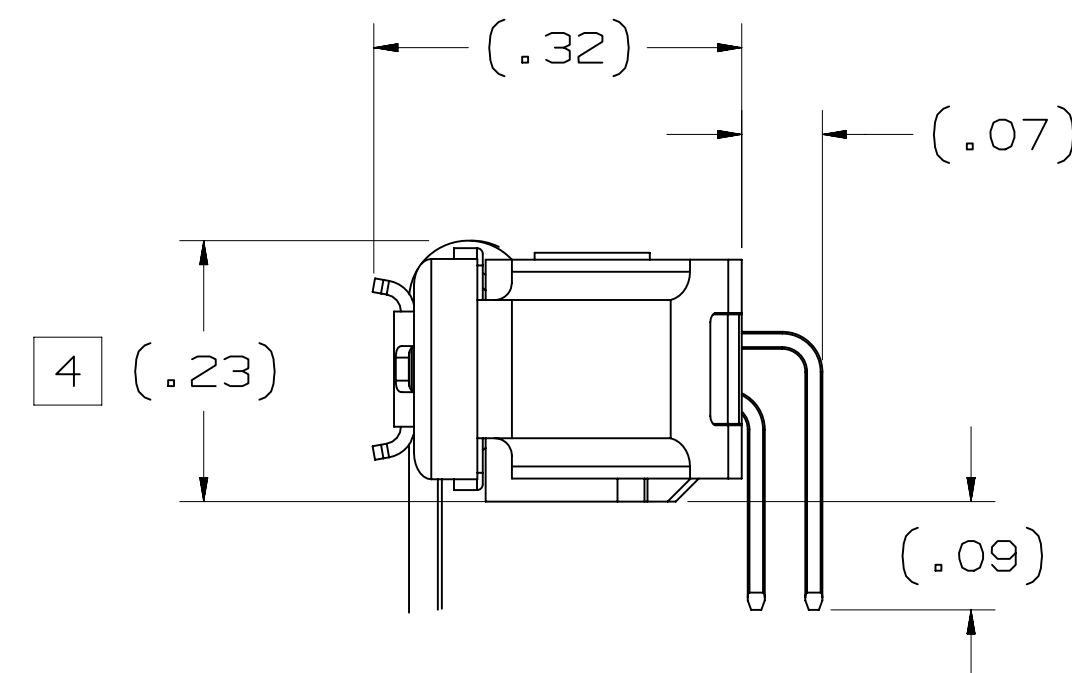
RA ASSEMBLY



SMT ASSEMBLY



VERTICAL ASSEMBLY



DESIGN REFERENCE			REV	ECO	ISSUE DATE AND DESCRIPTION		DRFT	CHKD		
ADDITIONAL CODES			DRFT	ARM	DATE	FEB 11, 2011	INFO	DATE		
			CHKD		DATE		APPROV.	DATE		
							S. NEU	FEB 11, 2011		
DIVISION			DIVISION CODE			© 3M COPYRIGHT 2013				
Interconnect Solutions			150			3M 3M Center St. Paul, MN 55144 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.				
DO NOT SCALE DRAWING		SCALE 6/1	TOLERANCES EXCEPT AS NOTED							
		INCHES								
		<table><tr><td>.0</td><td>± .1</td></tr><tr><td>.00</td><td>± .02</td></tr><tr><td>.000</td><td>± .010</td></tr><tr><td>.0000</td><td>± .005</td></tr></table>			.0	± .1	.00	± .02	.000	± .010
.0	± .1									
.00	± .02									
.000	± .010									
.0000	± .005									
THIRD ANGLE PROJECTION		MILLIMETERS			TITLE CONNECTOR SYSTEM, .05 X .05, MATED DIMENSIONS					
INTERPRET PER ASME Y14.5 - 1994		0 ±								
MAX. SURFACE ROUGHNESS  ✓ MARKED ONLY		0 ±								
		<table><tr><td>.0</td><td>±</td></tr><tr><td>.00</td><td>±</td></tr><tr><td>.000</td><td>±</td></tr><tr><td>.000 ±</td><td></td></tr></table>			.0	±	.00	±	.000	±
.0	±									
.00	±									
.000	±									
.000 ±										
ANGLE			CAGE NUMBER		SIZE		DRAWING NO.			
			MODEL 452		D		78-5100-2396-9			
					DEF.		YES ☒ NO ☐			
					SHT		1 OF 1			

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INTERCONNECT SOLUTIONS
<http://www.3mconnectors.com>

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