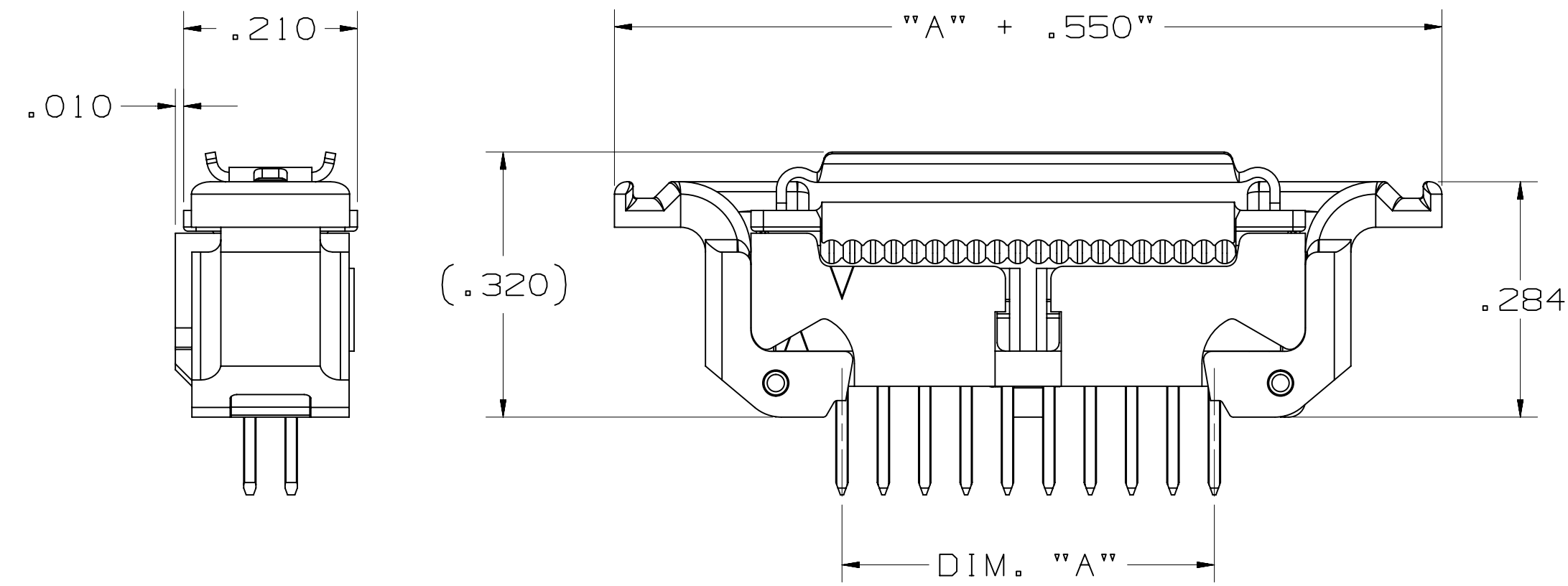
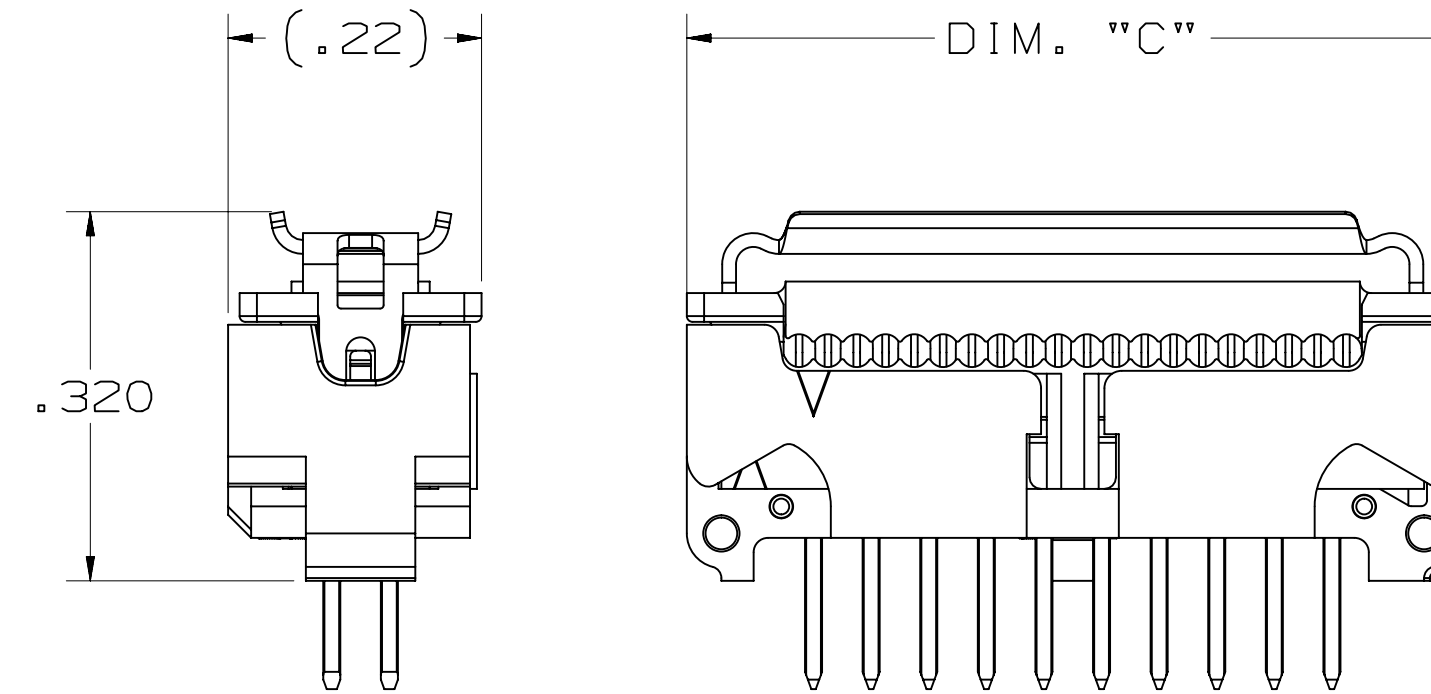


3MTH SHROUDED BOARDMOUNT HEADER, .05" X .05" PITCH,
LATCH AND EJECT, 452 SERIES



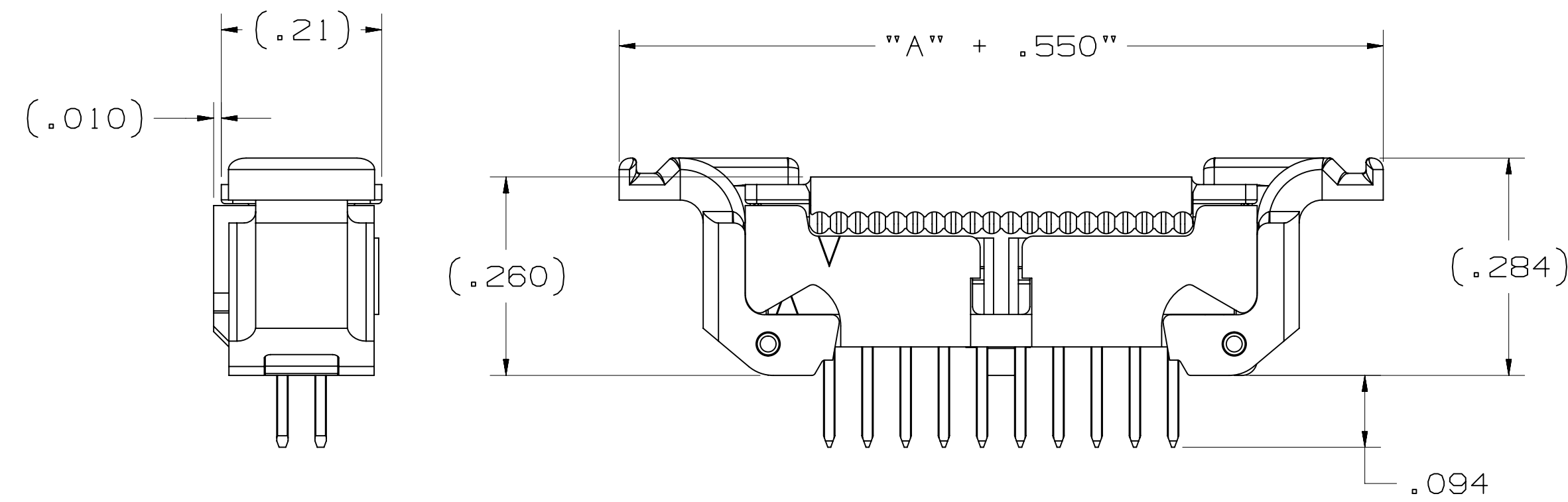
VERTICAL HEADER & SOCKET ASSEMBLY
WITH LOW PROFILE LATCHES & STRAIN RELIEF



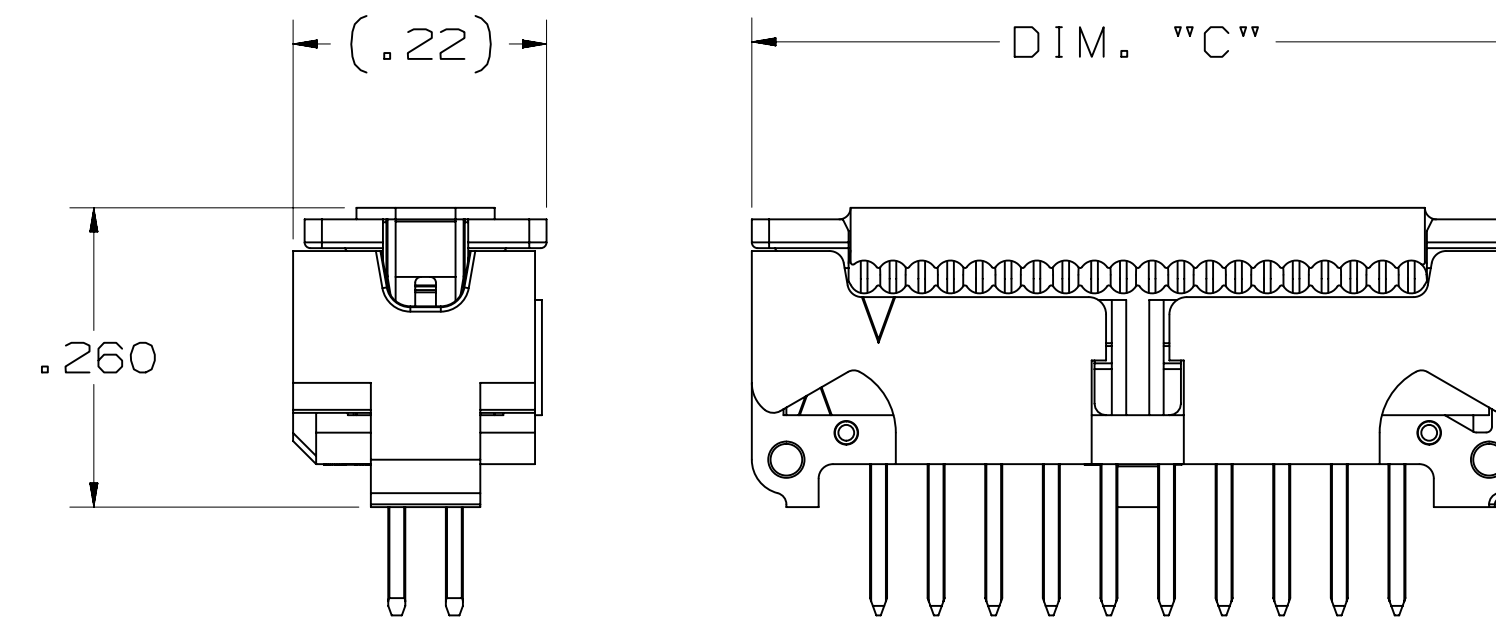
VERTICAL HEADER & SOCKET ASSEMBLY
NO LATCHES WITH STRAIN RELIEF

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

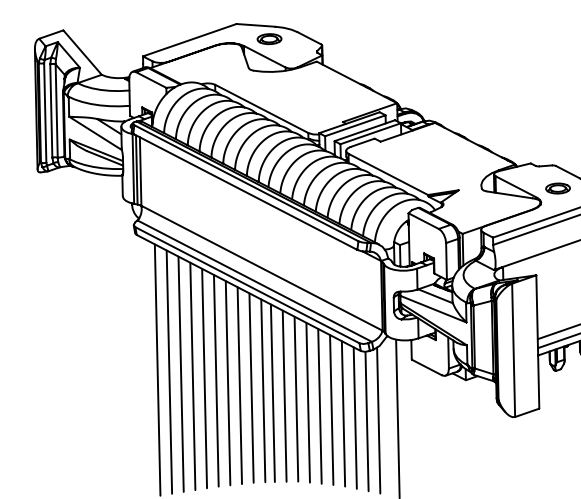
- | NOTES | |
|-------|---|
| 1. | IN THE EVENT OF CONFLICT BETWEEN THIS DATA AND THAT CONTAINED IN THE PRODUCT SPECIFICATION, THE PRODUCT SPECIFICATION TAKES PRECEDENT. |
| 2. | REGULATORY INFORMATION: ROHS COMPLIANT. SEE THE REGULATORY INFORMATION APPENDIX (RIA) IN THE "ROHS COMPLIANCE" SECTION OF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



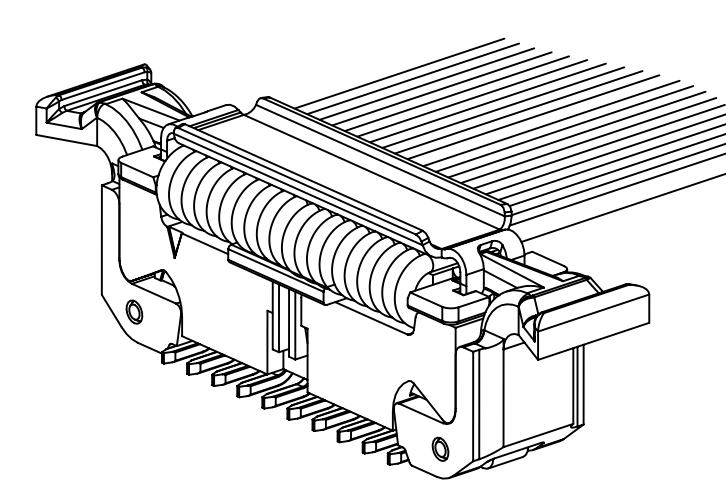
VERTICAL HEADER & SOCKET ASSEMBLY
WITH LATCHES NO STRAIN RELIEF



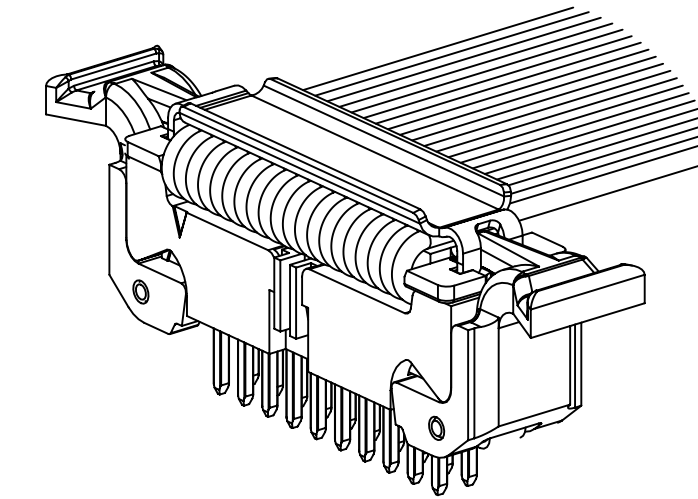
VERTICAL HEADER & SOCKET ASSEMBLY
NO LATCHES NO STRAIN RELIEF



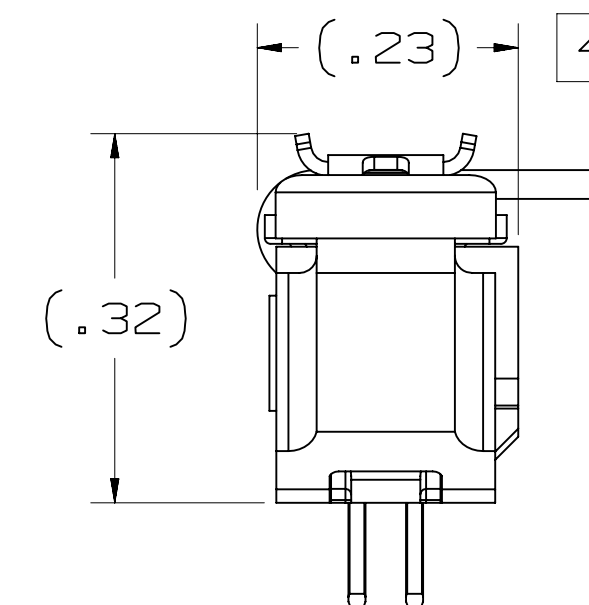
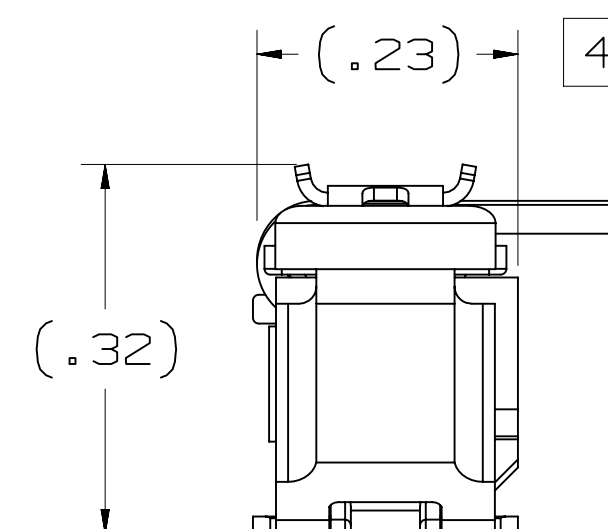
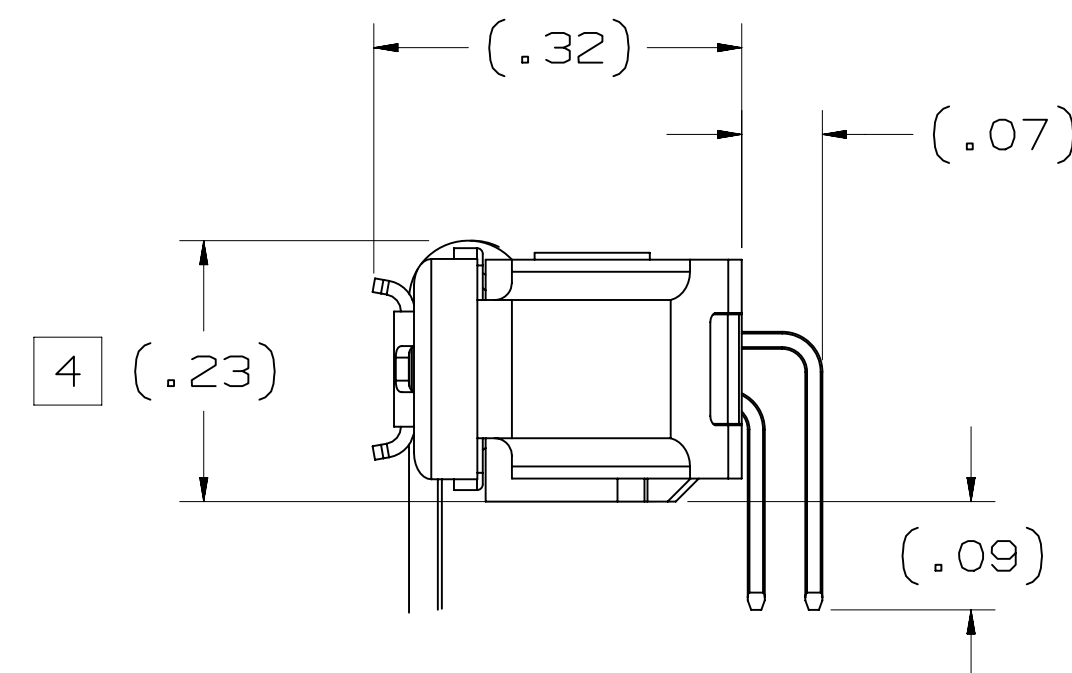
RA ASSEMBLY



SMT ASSEMBLY



VERTICAL ASSEMBLY



DESIGN REFERENCE			REV	ECO	ISSUE DATE AND DESCRIPTION		DRFT	CHKD							
ADDITIONAL CODES	DATE	BY	DRFT	ARM	DATE	11, 2011	APPRV	DATE							
			CHKD				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			TITLE CONNECTOR SYSTEM, .05 X .05, MATED DIMENSIONS CAGE NUMBER D DRAWING NO. 78-5100-2396-9 REV. B									
 THIRD ANGLE PROJECTION		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	.0000	± .005
		.0	± .1												
.00	± .02														
.000	± .010														
.0000	± .005														
MILLIMETERS															
INTERPRET PER ASME Y14.5 - 1994		<table><tr><td>0</td><td>±</td></tr><tr><td>.0</td><td>±</td></tr><tr><td>.00</td><td>±</td></tr><tr><td>.000</td><td>±</td></tr></table>			0	±	.0	±	.00	±	.000	±			
0	±														
.0	±														
.00	±														
.000	±														
MAX. SURFACE ROUGHNESS  SURFACES ✓ MARKED ONLY ANGLE			MODEL 452 DEF. STS YES YES NO NO SHT 1 OF 1												

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INTERCONNECT SOLUTIONS
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