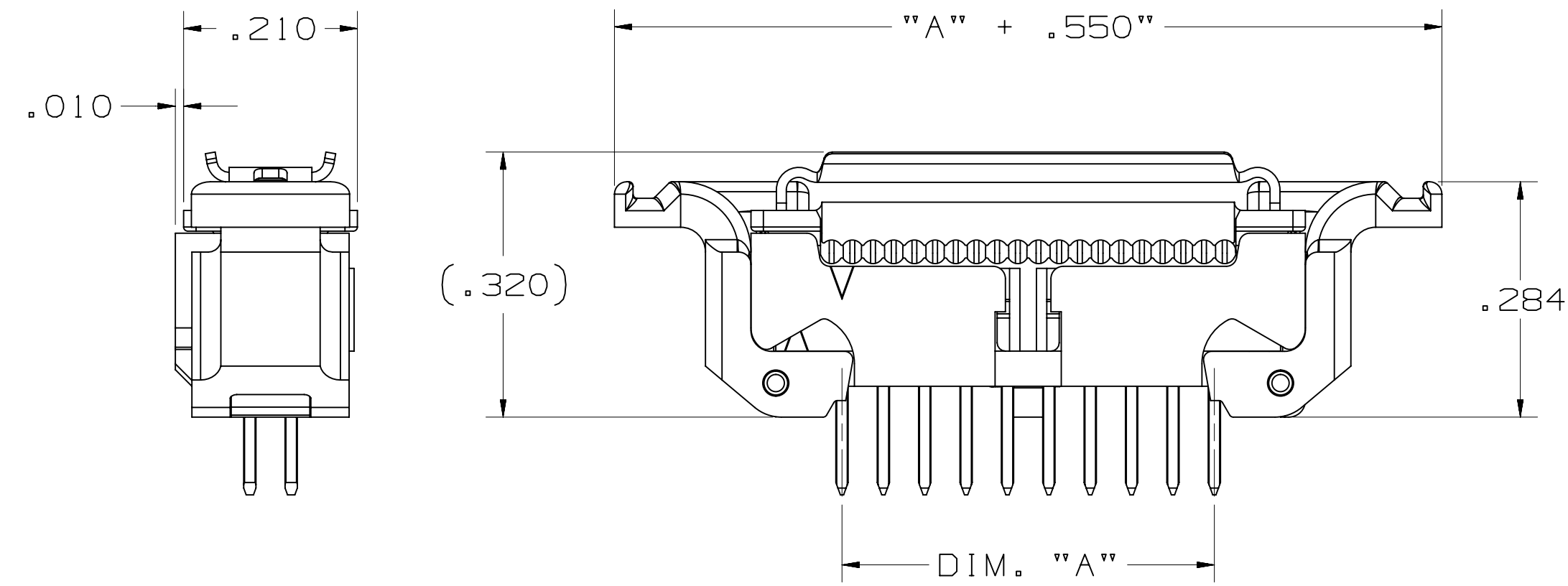
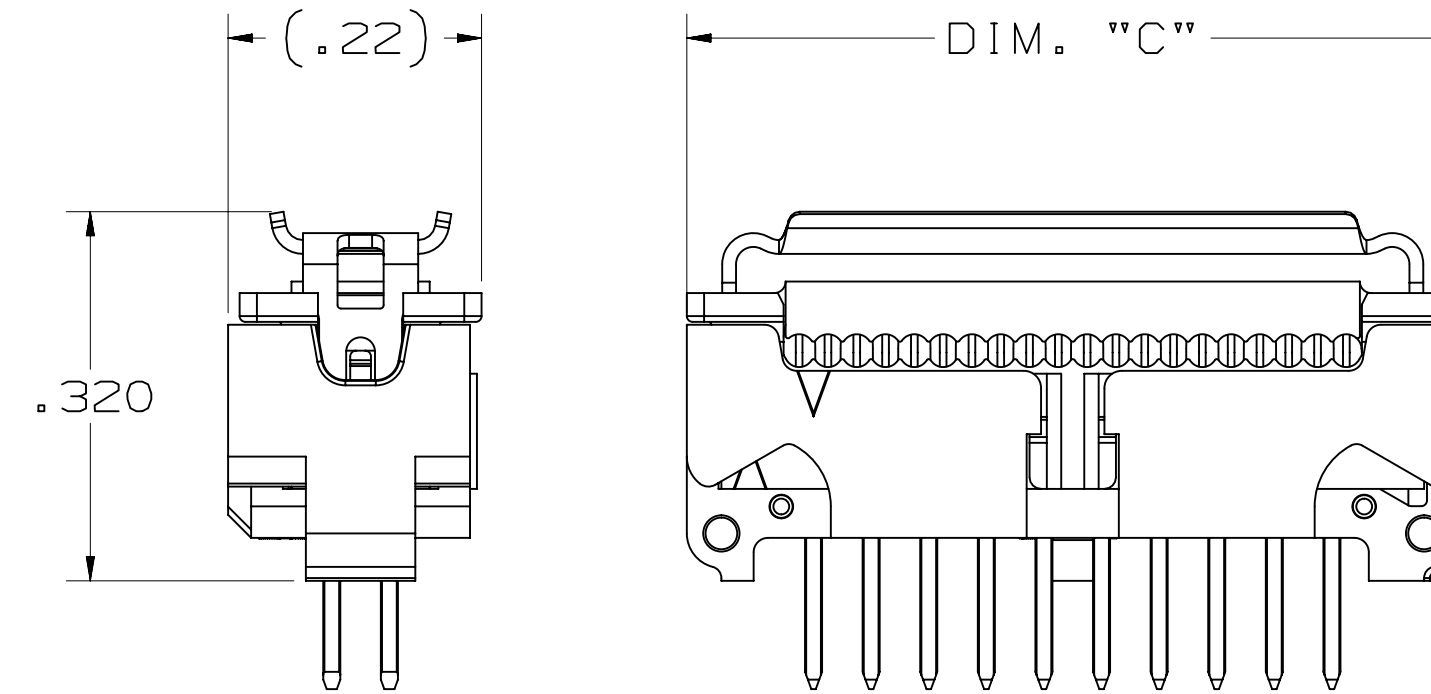


3MTH SHROUDED BOARDMOUNT HEADER, .05" X .05" PITCH,
LATCH AND EJECT, 452 SERIES



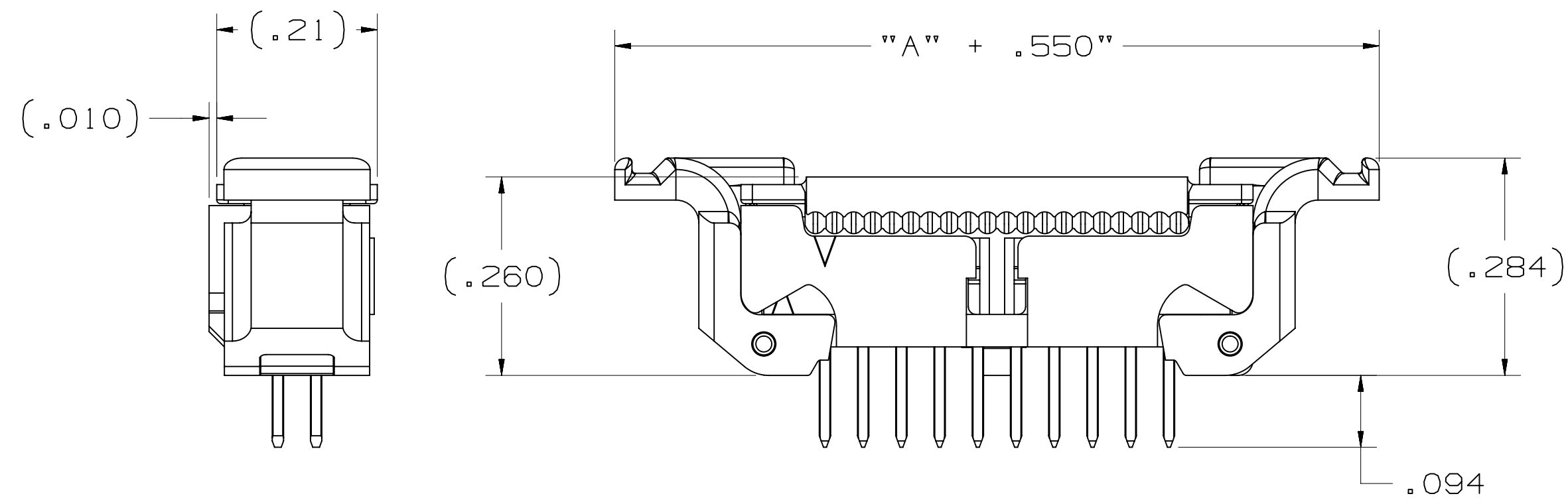
VERTICAL HEADER & SOCKET ASSEMBLY
WITH LOW PROFILE LATCHES & STRAIN RELIEF



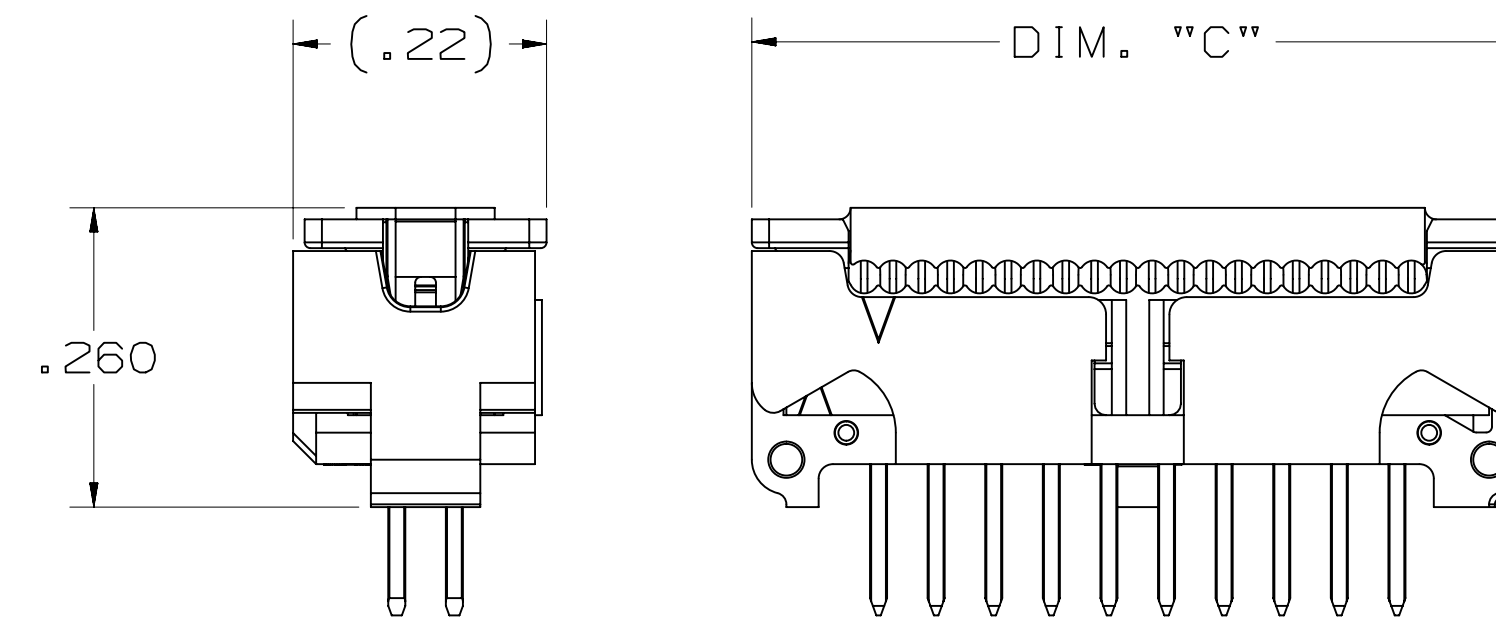
VERTICAL HEADER & SOCKET ASSEMBLY
NO LATCHES WITH STRAIN RELIEF

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

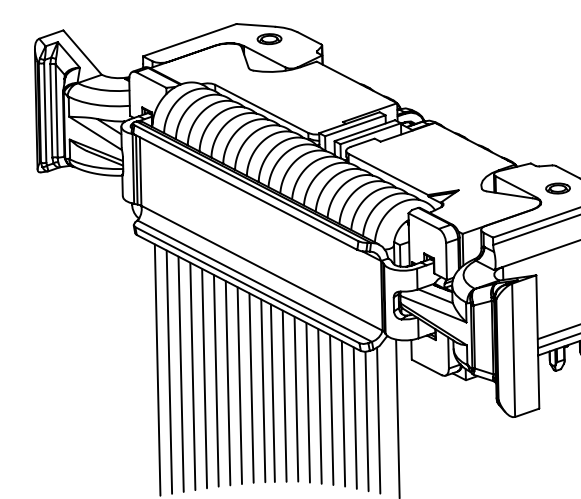
- | NOTES | |
|-------|---|
| 1. | IN THE EVENT OF CONFLICT BETWEEN THIS DATA AND THAT CONTAINED IN THE PRODUCT SPECIFICATION, THE PRODUCT SPECIFICATION TAKES PRECEDENT. |
| 2. | REGULATORY INFORMATION: ROHS COMPLIANT. SEE THE REGULATORY INFORMATION APPENDIX (RIA) IN THE "ROHS COMPLIANCE" SECTION OF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



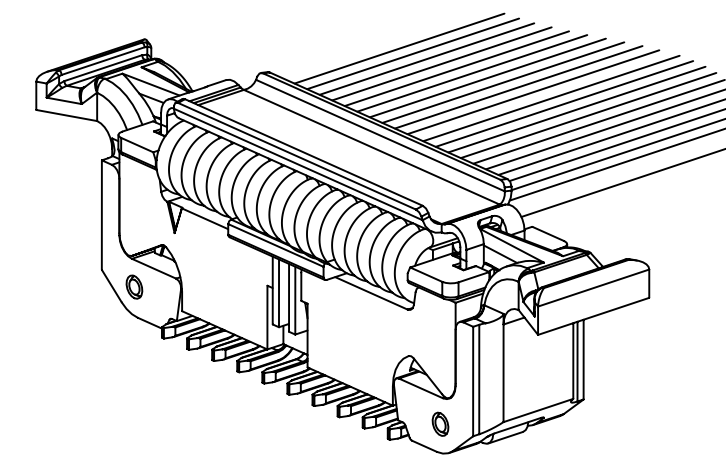
VERTICAL HEADER & SOCKET ASSEMBLY
WITH LATCHES NO STRAIN RELIEF



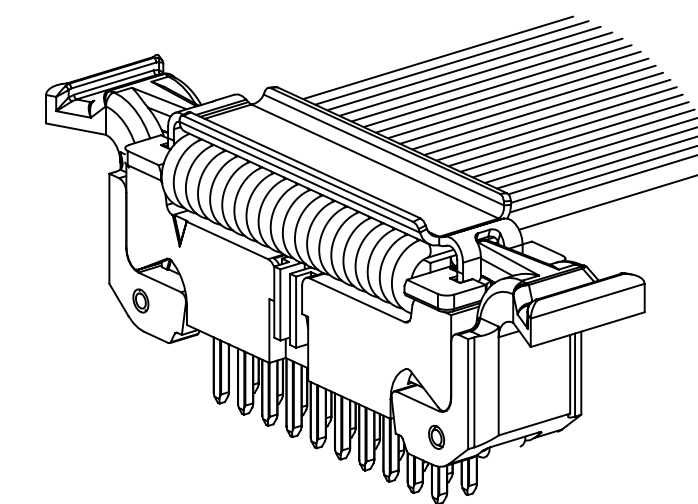
VERTICAL HEADER & SOCKET ASSEMBLY
NO LATCHES NO STRAIN RELIEF



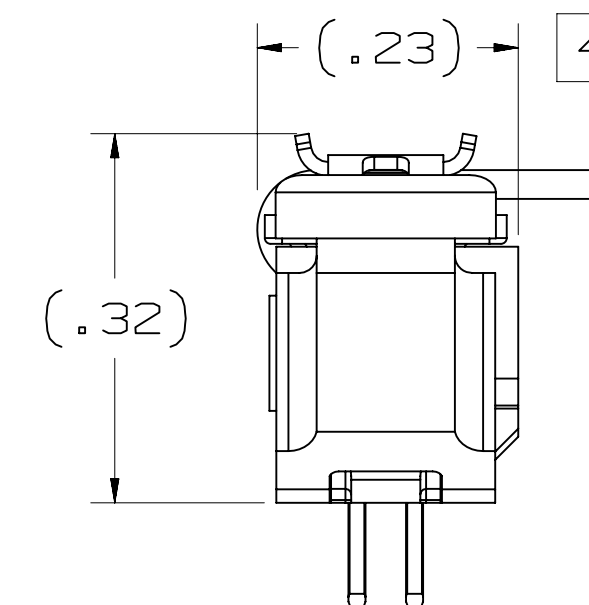
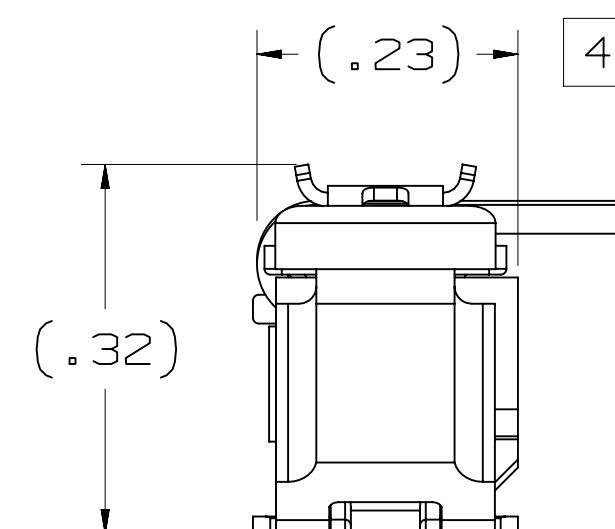
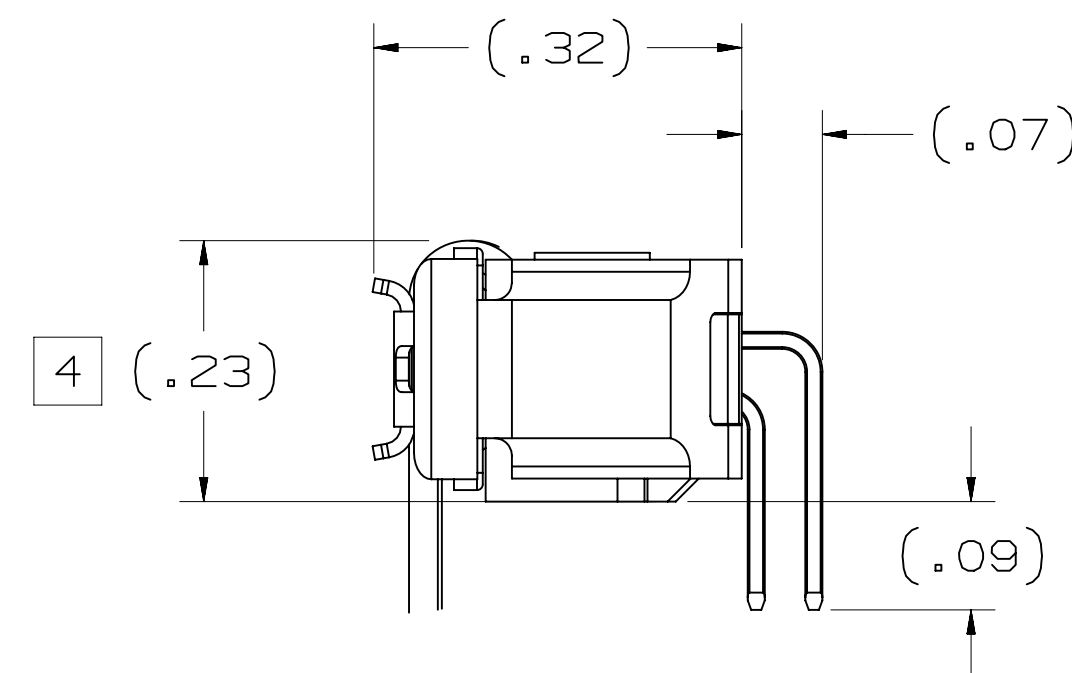
RA ASSEMBLY



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. S. NEU	DATE 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			TOLERANCES EXCEPT AS NOTED		TITLE CONNECTOR SYSTEM, .05 X .05, MATED DIMENSIONS CAGE NUMBER D78-5100-2396-9 DRAWING NO. REV. B											
			INCHES													
THIRD ANGLE PROJECTION			<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															
INTERPRET PER ASME Y14.5 - 1994			MILLIMETERS													
MAX. SURFACE ROUGHNESS 			<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	±															
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.000	±															
☒ MARKED ONLY			ANGLE		<table><tr><td>MODEL</td><td>452</td><td>DET.</td><td>STS</td><td>YES</td><td>NO</td><td>SHT</td><td>1 OF 1</td></tr></table>				MODEL	452	DET.	STS	YES	NO	SHT	1 OF 1
MODEL	452	DET.	STS	YES	NO	SHT	1 OF 1									

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INTERCONNECT SOLUTIONS
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