

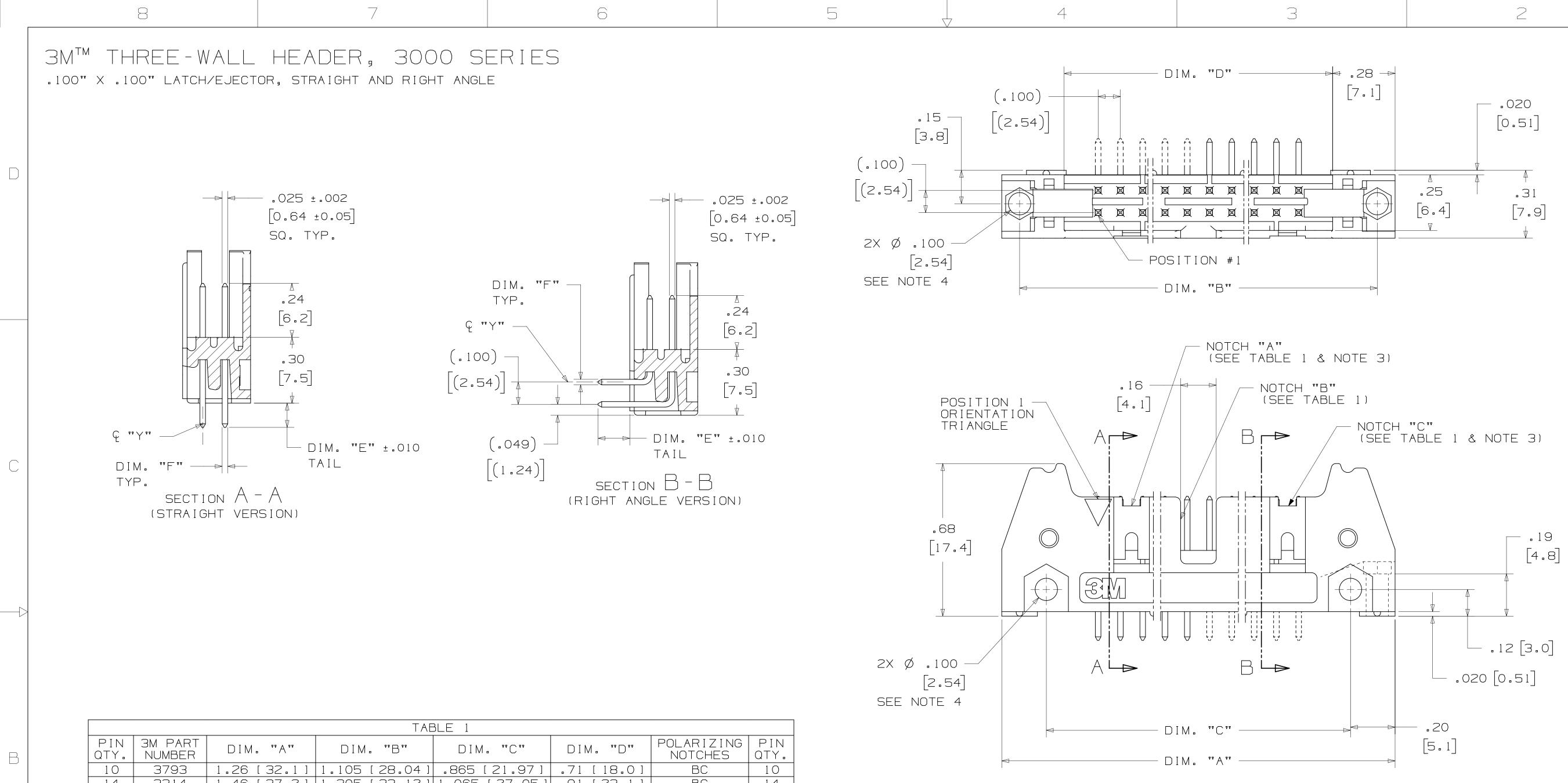
- * MILITARY (WITH 3M'S N3518 POLARIZI AND CENTERBUMP POLARIZATION.
 * LOW PROFILE.
- * OPTIONAL EJECTOR LATCHES.

UNDER PLATING: 100µ" [2.54µm] NICKEL-OVERALL WIPING AREA: 30µ" [0.76µm] AVG. GOLD SOLDER TAILS: 200µ" [5.08µm] TIN LEAD OR MATTE TIN (SEE ORDERING MARKINGS: 3M LOGO, PART IDENTIFICATION NUMBER AND ORIENTATION RATING CONDITIONS: EIA-364-070 METHOD 2, 30°C MAXIM TEMPERATURE RISE, 20% DERATED. REFERENCE APPROPRIAT 3M PRODUCT SPECIFICATION FOR DETAILED CURRENT DERAT

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ER NF BLE BLE	IG KEY) TO BOARD. LEXIBILITY. FOR "NO LEAD" FOR TN HOLE"	L B C S S N M H U (V F	NOTES REGULATORY INFORMATION: ROHS COMPLIANT. SEE THE REGULATORY INFORMATION APPENDIX (RIA) IN THE "ROHS COMPLIANCE" SECTION OF WWW.3MCONNECTORS.COM FOR COMPLIANCE INFORMATION. N THE EVENT OF CONFLICT BETWEEN THIS DATA AND THAT CONTAINED IN THE PRODUCT SPECIFICATION, THE PRODUCT SPECIFICATION, THE PRODUCT SPECIFICATION TAKES PRECEDENT. NOTCHES A & C WILL ACCOMODATE MOUNTING HARDWARE: ROM SOLDER SIDE OF PC BOARD JSE #4-24 THREAD CUTTING SCREW 3M PART #3341-5) WITH Ø.116 [2.95] MOUNTING HOLE. OR RIGHT ANGLE VERSION ONLY: 2-56 BOLT AND NUT (3M PART	
	(NFORMATION) TRIANGLE	5 TI FC OI C	43341-6) WITH Ø.106 [2.69] MOUNTING HOLE MAY BE USED. THE RECOMMENDED PCB HOLE SIZE OR THE KINKED TAIL POSITIONS ON THE .112 SOLDER TAIL CONNECTOR IS Ø.035±.002. SEE K2 VERSION).	
MUM te tin				
			H ^{actor} S102-0771-5	
D I M [MN	MENSIONS: INCHES [MM] M] IS REF. ONLY DESIGN REFERENCE NEXT ASSEMBLY ACCESS CODES DIVISION	G 560	DATE APPVL R. SCHERER DATE SEP 05,2014 O 3M COPYRIGHT 2015 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.	J: H.1 3/6/2015 12:53 PM UTC-06:00
80	ASME 114.5 - 2009 0 ± .0 ±.3 .00 ±.13 .000 ± .000 ± .000 ± .000 ±	NUMBER	D $78-5100-0771-5$ H	I maged

3000 SERIES

LISTS IYES NO SHT 1 OF 4



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PIN QTY.	3M PART NUMBER	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"	POLARIZING NOTCHES	PIN QTY.	
10	3793	1.26 [32.1]	1.105 [28.04]	.865 [21.97]	.71 [18.0]	BC	10	
14	3314	1.46 [37.2]	1.305 [33.12]	1.065 [27.05]	.91 [23.1]	BC	14	
16	3408	1.56 [39.7]	1.405 [35.66]	1.165 [29.59]	1.01 [25.6]	ABC	16	
20	3428	1.76 [44.8]	1.604 [40.74]	1.365 [34.67]	1.21 [30.7]	ABC	20	
26	3429	2.06 [52.4]	1.905 [48.36]	1.665 [42.29]	1.51 [38.3]	ABC	26	
34	3431	2.46 [62.6]	2.305 [58.52]	2.065 [52.45]	1.91 [48.5]	ABC	34	
40	3432	2.76 [70.2]	2.605 [66.14]	2.365 [60.07]	2.21 [56.1]	ABC	40	
50	3433	3.26 [82.9]	3.105 [78.84]	2.865 [72.77]	2.71 [68.8]	ABC	50	
60	3372	3.76 [95.6]	3.605 [91.54]	3.365 [85.47]	3.21 [81.5]	ABC	60	
64	3764	3.96 [100.7]	3.805 [96.62]	3.565 [90.55]	3.41 [86.6]	ABC	64	

	TABLE 2							
3M PART NUMBER SUFFIX	CONTACT TAIL	DIM. "E"	PIN CROSS SECTION			DIM. "G"		
- 1 X X 2	.062 [1.57] THICK PC BOARD	.112 [2.84]	DIM. "F" .0245+/0005 [.622]	DIAGONALS .028+/001 [.71]	CORNER RADII .0075 REF. [.191]	.035+/003 [.89] SEE NOTE 5		
- 1 X03 - 2 X03	.094 [2.39] TO .125 [3.18] THICK PC BOARD	.155 [3.94]	.0245+/0005 [.622]	.028+/001 [.71]	.0075 REF. [.191]	.035+/003 [.89]		

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MAR 06,2015 JNC RS Н 60056 REVISE ORDERING NUMBER G 56068 AUG 05,2014 JNC RS REVISED AND REDRAWN ISSUE DATE AND DESCRIPTION DESIGN REFERENCE NEXT ASSEMBLY DRFT CHKD ECO AUG 05,2014 MFG DATE CASTIGLIONE DATE SEP 05,2014 © 3M COPYRIGHT **2015** 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. DIVISION DIVISION CODE Interconnect Solutions EMSD Center **3N** $\frac{4}{1}$ Paul, TOLERANC EXCEPT / NOTED DO NOT 55144 SCALE DRAWING INCHES HEADER, 3-WALL, .100 ± C .00 ± .01 00 EJECTOR, .000 ± .005 . HIRD ANGLE PROJECTION .0000 ± STRAIGHT & RA INTERPRET PER ASME Y14.5 - 2009 MILLIMETERS O ± **C** ± **.**3 D 78 - 5100 - 0771 - 5X SURFACE ROUGHNES .00 ±.13 .000 ± NUMBER SURFACES 10DE □ MARKED LISTS I YES NO SHT 2 OF 4 3000 SERIES

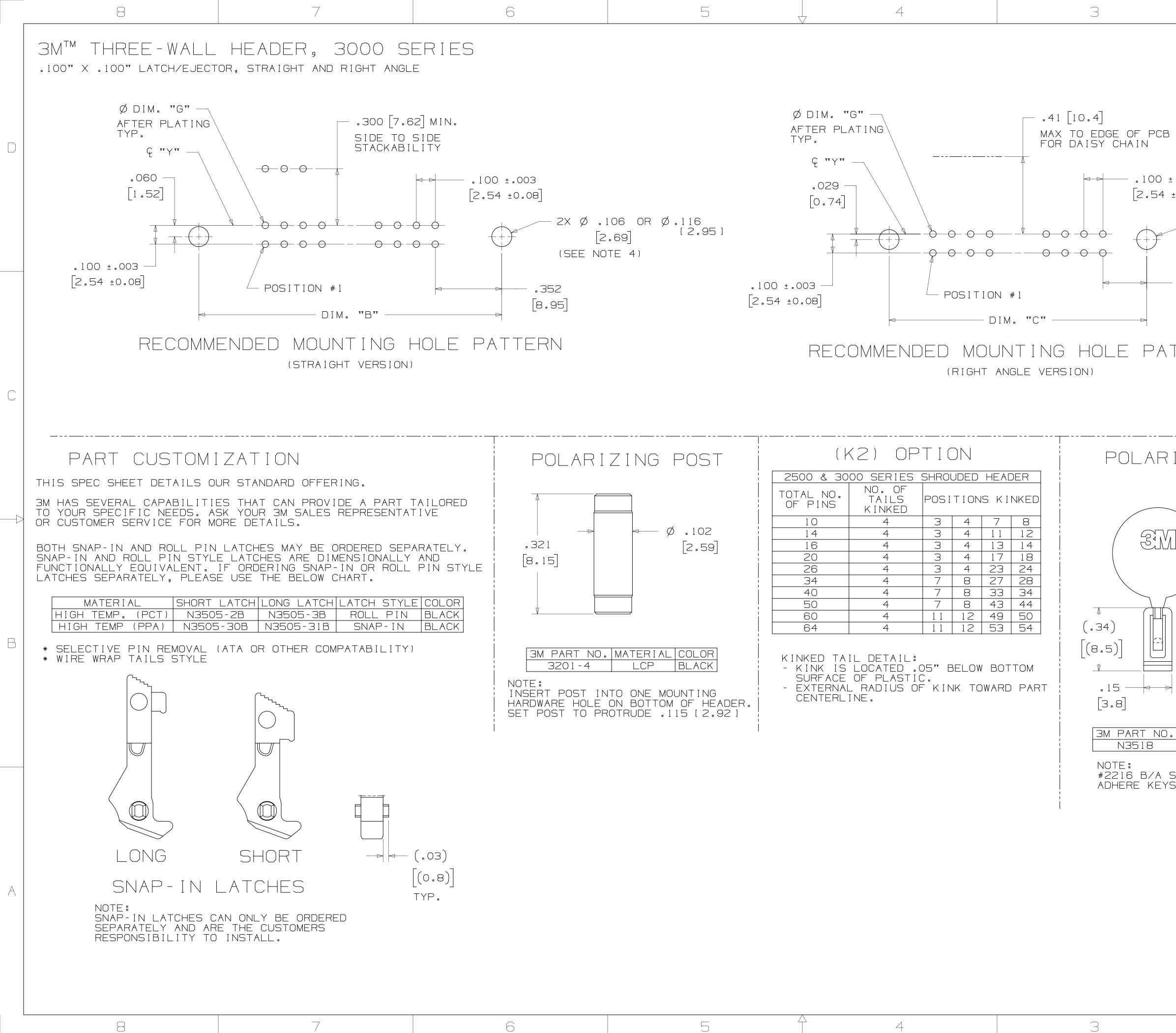
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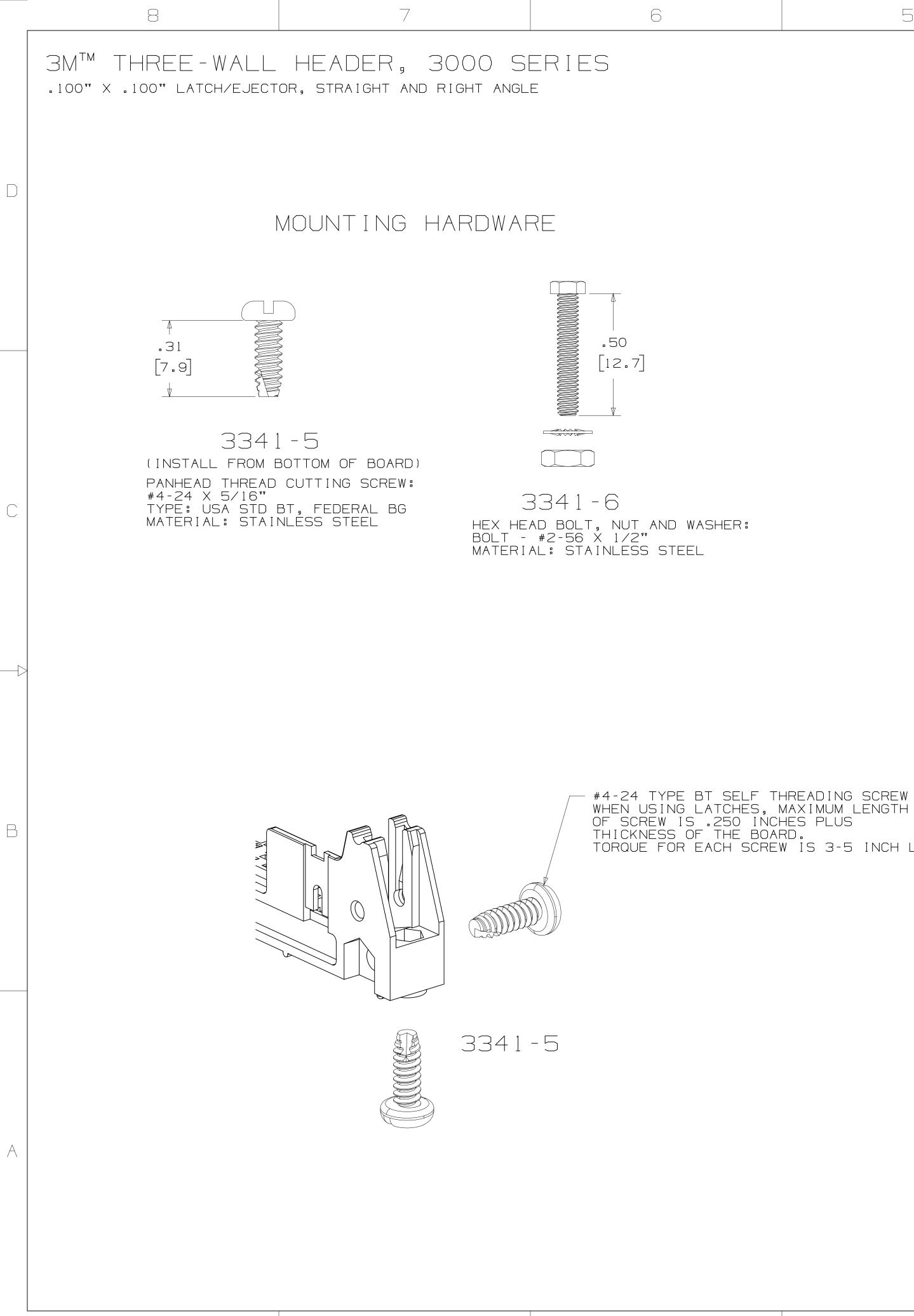
	AFTER PLATING MAX	HOLE PATTERN	Ø.106 OR Ø.116 [2.69] EE NOTE 4)		
RIZING POST	(K2) OPTION 2500 & 3000 SERIES SHROUDED HEADER TOTAL NO. NO. OF OF PINS NIKED 10 4 3 4 7 8 14 4 3 4 11 12 16 4 3 4 13 14 20 4 3 4 17 18 26 4 3 4 23 24 34 4 7 8 27 28 40 4 7 8 33 34 50 4 7 8 43 44 60 4 11 12 49 50 64 4 11 12 53 54 KINKED TAIL DETAIL: * KINK IS LOCATED . OS" BELOW BOTTOM SURFACE OF PLASTIC. * EXTERNAL RADIUS OF KINK TOWARD PART CENTERLINE.	POLARIZING BRE TAB (.34) (.34) (8.5) * .15 (3.8) <u>3M PART NO. MATERIA</u> NOTE: #2216 B/A SCOTCHWEI ADHERE KEYS.	AKAWAY .09 [2.3] () DIM. "A" AL COLOR DIM. "A"		TB-5100-0771-5 H
		DESIGN ACCESS CODES DIVISION Interce DO I SCA DRAW URAW URAW	Connect Solutions EMSD NOT SCALE TOLERANCES ALE 4 NOTED VING 1 INCHES .00 ±.01 .000 ±.005 .0000 ± .0000 ± .0000 ± .0000 ± .0000 ± .0000 ± .0000 ± .0000 ± .0000 ± .0000 ± .0000 ± .0000 ± .0000 ± .0000 ± .0000 ± .0000 ± .0000 ± .0000 ± .0000 ± .000 ± .000 ± .000 ± .000 ± .000 ± .000 ± .000 ± .000 ±	REVISE ORDERING NUMBER 8 AUG 05,2014 JNC REVISED AND REDRAWN 1 ISSUE DATE AND DESCRIPTION DRFT NE AUG 05,2014 MFG DATE DATE AUG 05,2014 MFG DATE NE AUG 05,2014 MFG DATE NATE AUG 05,2014 MFG DATE SCHERER DATE SCHERER DATE SCHERER DATE STRAIGHT & RA	T.A.O. V.A.D. V.A.O. V.A. D.A.A. O.A.A.A.A.A.A.A.A.A.A.A.A.A.A.A.A.

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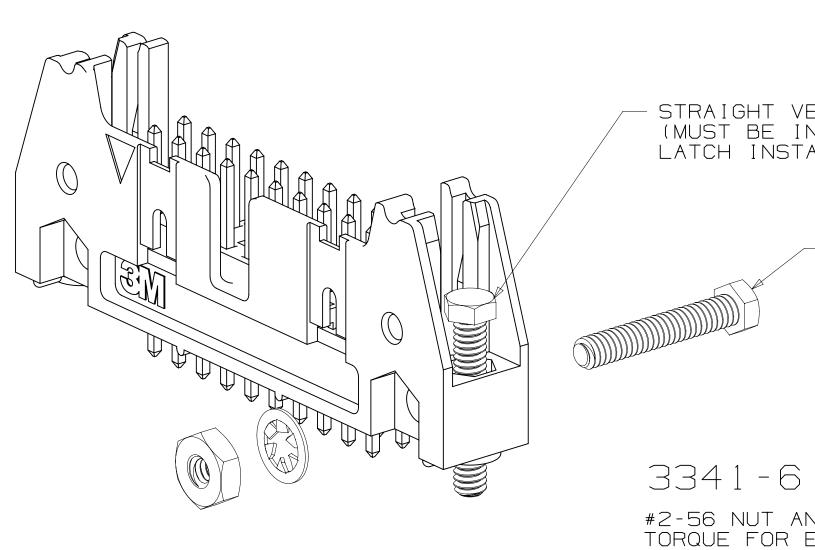
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DET. LISTS □YES⊠NO SHT **3** OF **4**

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3341-6

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TORQUE FOR EACH SCREW IS 3-5 INCH LBS.

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/ER	SION INSTALL ERTED PRIOR TO		
ΓAL	RIGHT ANGLE VERSION INSTALL	_	

#2-56 NUT AND BOLT Torque for each bolt: 1.25 - 3.125 Inch Lbs.

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JNC RS Н 60056 MAR 06,2015 REVISE ORDERING NUMBER G 56068 AUG 05,2014 JNC RS REVISED AND REDRAWN ISSUE DATE AND DESCRIPTION DESIGN REFERENCE NEXT ASSEMBLY DRFT CHKD REV ECO AUG 05,2014 DATE CASTIGLIONE DATE SEP 05,2014 © 3M COPYRIGHT **2015** 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. DIVISION CODE DIVISION EMSD Interconnect Solutions Center **3N** Paul, $\frac{4}{1}$ TOLERANI EXCEPT NOTED DO NOT 55144 SCALE DRAWING INCHES HEADER, 3-WALL, .100 ± C .00 ± .01 LATCH/EJECTOR, × 100 + .000 ±.005 Third angle projection .0000 ± STRAIGHT & RA MILLIMETERS INTERPRET PER ASME Y14.5 - 2009 O ± **C** ± **.**3 D 78-5100-0771-5 CAGE NUMBER MAX SURFACE ROUGHNESS .00 ±.13 .000 ± H SURFACES MODEI MARKED ONLY LISTS I YES NO SHT 4 OF 4 ANGLES 3000 SERIES

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Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

3M:

<u>3372-6502UG</u> <u>3442-14</u> <u>3442-27</u> <u>3443-8</u> <u>3443-12</u> <u>3443-13</u> <u>3443-47</u> <u>3443-76</u> <u>3443-91</u> <u>3443-100</u> <u>3443-100</u> <u>3443-110</u> <u>3448-27</u> <u>3448-29</u> <u>3448-30</u> <u>3505-6</u> <u>3408-1603</u> <u>3432-2403</u> <u>3457-2</u> <u>3459-2</u> <u>3481-12</u> <u>3481-13</u> <u>3481-3</u> <u>3481-3</u> <u>3481-4</u> 3481-9 <u>3497-1</u> <u>3431-1602</u> N3505-3 <u>3436-1D</u> N3505-2