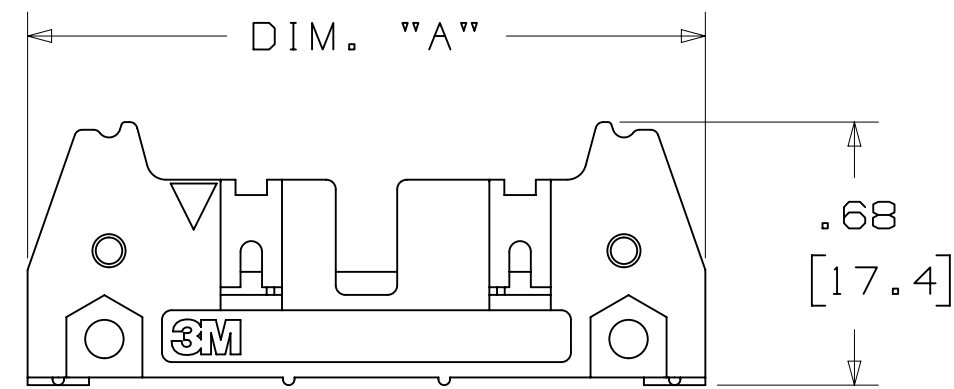


.100" X .100" LATCH/EJECTOR, STRAIGHT AND RIGHT ANGLE



Technical drawing of a 3M Scotch-Bond repair on a metal plate. The drawing shows a cross-section of the repair with dimensions in inches and millimeters. Dimensions include: .424 ± .010 [10.77 ± 0.25] for the top layer thickness, .08 [2.0] for the adhesive layer thickness, (.97) [(24.7)] for the total repair height, and a 3M logo on the metal plate.

Technical drawing of a mechanical part with dimensions and tolerances:

- Top left dimension: $.573 \pm .010$
- Top left dimension in brackets: $[14.55 \pm 0.25]$
- Left side dimension: $.08$
- Left side dimension in brackets: $[2.0]$
- Right side dimension: (1.07)
- Right side dimension in brackets: $[(27.2)]$

UL
UL FILE NO: E68080

Imaged: H.1 3/6/2015 12:53 PM UTC-06:00

3M™ THREE-WALL HEADER, 3000 SERIES

.100" X .100" LATCH/EJECTOR, STRAIGHT AND RIGHT ANGLE



TABLE 1							
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"
-1XX2 -2XX2	.062 [1.57] THICK PC BOARD	.112 [2.84]	DIM. "F" .0245+/- .0005 [.622]	DIAGONALS .028+/- .001 [.71]	CORNER RADIUS .0075 REF. [.191]	.035+/- .003 [.89] SEE NOTE 5
-1X03 -2X03	.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]



DESIGN REFERENCE
NEXT ASSEMBLY

DO NOT SCALE DRAWING

THIRD ANGLE PROJECTION

MAX SURFACE ROUGHNESS
LISTED SURFACES
MARKED ONLY

INTERCONNECT SOLUTIONS

SCALE 4/1

INTERPRET PER ASME Y14.5 - 2009

TOLERANCES EXCEPT AS NOTED

INCHES
0 ± .01
.000 ± .005
.0000 ±

MILLIMETERS
0 ± .3
.00 ± .13
.000 ±

ANGLES

3M

3M Center St. Paul, MN 55144

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TITLE
HEADER, 3-WALL, .100 X .100 LATCH/EJECTOR, STRAIGHT & RA

CAGE NUMBER
D78-5100-0771-5

MODEL
3000 SERIES

REV. ECO
DATE
AUG 05, 2014

ISSUE DATE AND DESCRIPTION
REVISED AND REDRAWN

DRFT
DATE
SEP 05, 2014

CHKD
DATE
SEP 05, 2014

APPR
R. SCHERER

H 60056
MAR 06, 2015
REVISE ORDERING NUMBER

G 56068
AUG 05, 2014
REVISED AND REDRAWN

JNC
DATE

RS
DATE

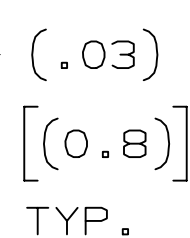
.100" X .100" LATCH/EJECTOR, STRAIGHT AND RIGHT ANGLE



THIS SPEC SHEET DETAILS OUR STANDARD OFFERING.

BOTH SNAP-IN AND ROLL PIN LATCHES MAY BE ORDERED SEPARATELY. SNAP-IN AND ROLL PIN STYLE LATCHES ARE DIMENSIONALLY AND FUNCTIONALLY EQUIVALENT. IF ORDERING SNAP-IN OR ROLL PIN STYLE LATCHES SEPARATELY, PLEASE USE THE BELOW CHART.

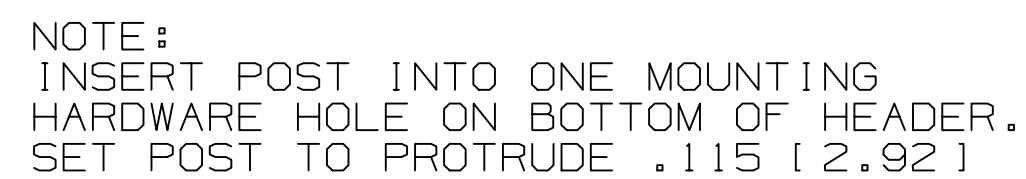
```
* SELECTIVE PIN REMOVAL (ATA OR OTHER COMPATABILITY)
* WIRE WRAP TAILS STYLE
```



SHORT

SNAP-IN LATCHES

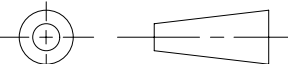
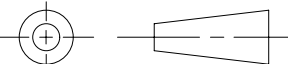
NOTE :
SNAP-IN LATCHES CAN ONLY BE ORDERED
SEPARATELY AND ARE THE CUSTOMERS
RESPONSIBILITY TO INSTALL.



KINKED TAIL DETAIL:

- KINK IS LOCATED .05" BELOW BOTTOM SURFACE OF PLASTIC.
- EXTERNAL RADIUS OF KINK TOWARD PART CENTERLINE.



DESIGN REFERENCE		NEXT ASSEMBLY		REV	ECO	ISSUE DATE AND DESCRIPTION		DRFT	CHKD
ADDENDUMS				DRFT	CASTIGLIONE	DATE	AUG 05, 2014	MFG	DATE
				CHKD		DATE		APPRV	R. SCHERER
								DATE	SEP 05, 2014
DIVISION				DIVISION CODE		© 3M COPYRIGHT 2015			
Interconnect Solutions				EMSD		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 4 1		TOLERANCES EXCEPT AS NOTED		3M			
				INCHES		TITLE HEADER, 3-WALL, .100 X .100 LATCH/EJECTOR, STRAIGHT & RA			
THIRD ANGLE PROJECTION				.0 .00 ± .01 .000 ± .005 .0000 ±		CAGE NUMBER D 78-5100-0771-5			
INTERPRET PER ASME Y14.5 - 2009				MILLIMETERS		SIZE DRAWING NO.			
MAX SURFACE ROUGHNESS				.0 .00 ± .13 .000 ± .13 .000 ±		REV. H			
☒ DIM. SURFACES ☐ MARKED ONLY				ANGLES		MODEL 3000 SERIES			
						DET. LISTS ☒ YES ☒ NO			
						SHT 3 OF 4			

3M 3M Center
St. Paul,
MN 55144

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TITLE
HEADER, 3-WALL, .100 X .100 LATCH/EJECTOR, STRAIGHT & RA

CAGE NUMBER	SIZE D	DRAWING NO. 78-5100-0771-5	REV. H
MODEL 3000 SERIES		DET. LISTS ☐ YES ☒ NO	SHT 3 OF 4

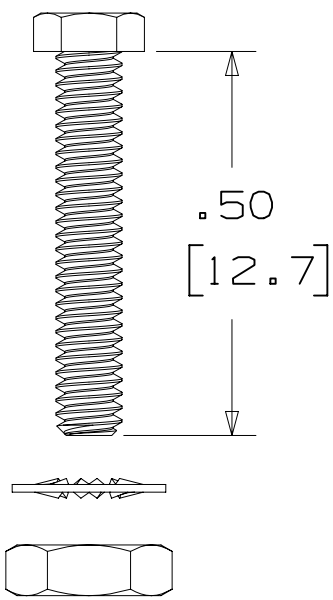
3M™ THREE-WALL HEADER, 3000 SERIES
.100" X .100" LATCH/EJECTOR, STRAIGHT AND RIGHT ANGLE

MOUNTING HARDWARE



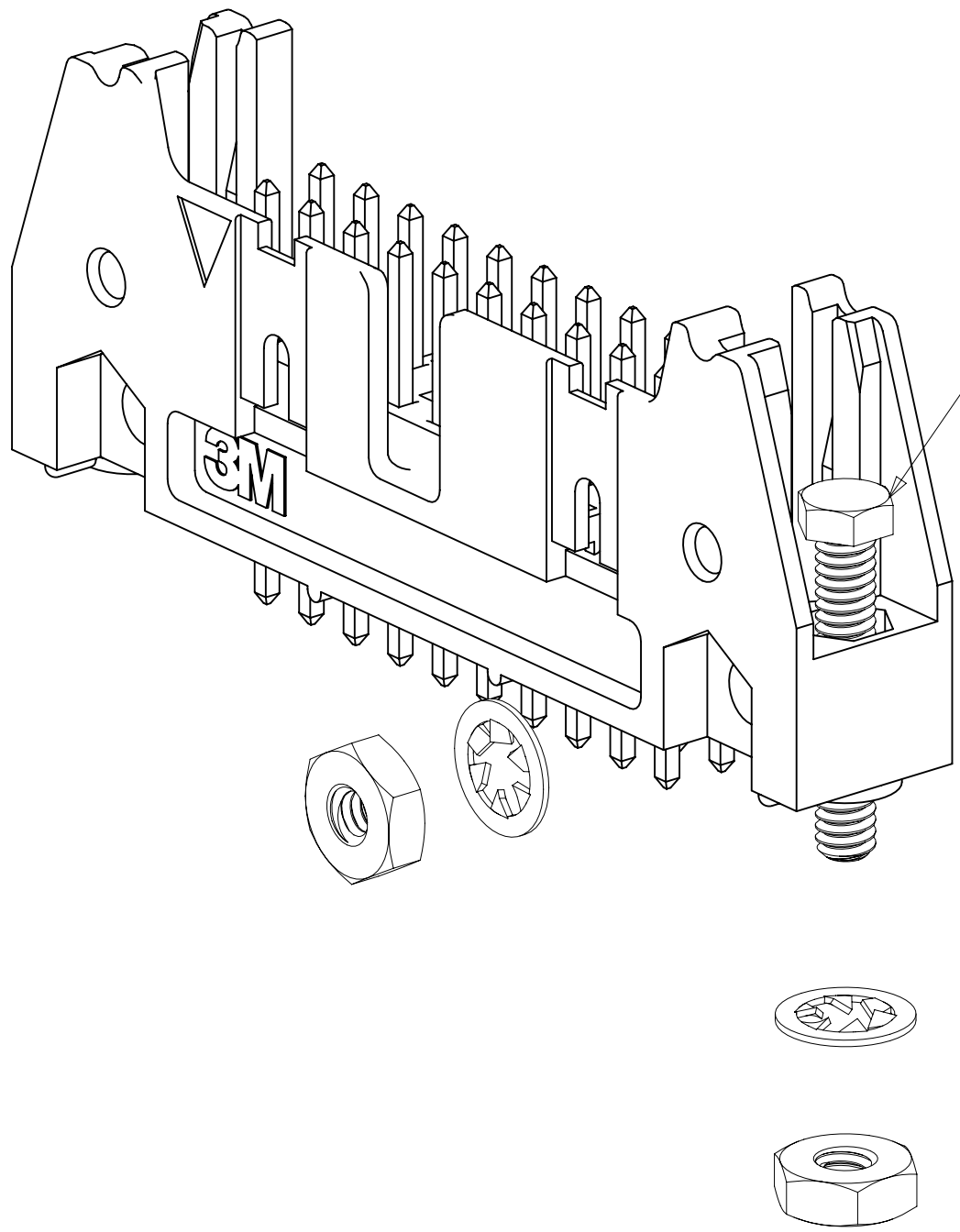
3341-5

(INSTALL FROM BOTTOM OF BOARD)
PANHEAD THREAD CUTTING SCREW:
#4-24 X 5/16"
TYPE: USA STD BT, FEDERAL B6
MATERIAL: STAINLESS STEEL



3341-6

HEX HEAD BOLT, NUT AND WASHER:
BOLT - #2-56 X 1/2"
MATERIAL: STAINLESS STEEL

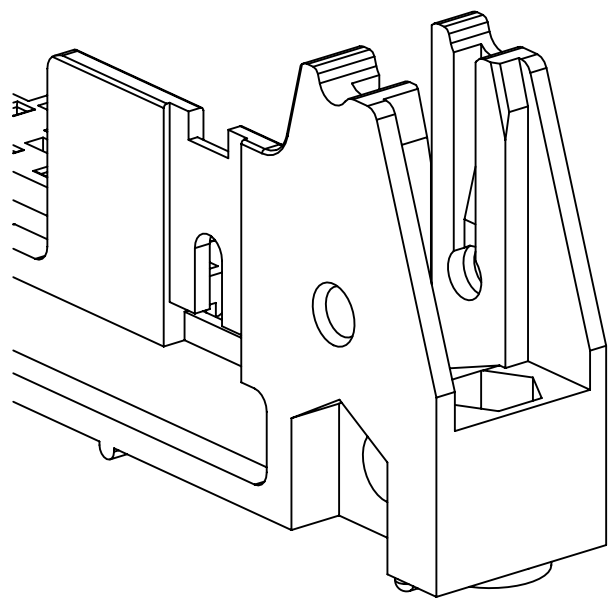


STRAIGHT VERSION INSTALL
(MUST BE INSERTED PRIOR TO
LATCH INSTALL)

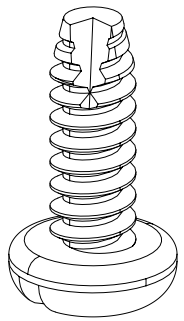
RIGHT ANGLE VERSION INSTALL

3341-6

#2-56 NUT AND BOLT
TORQUE FOR EACH BOLT: 1.25 - 3.125 INCH LBS.



#4-24 TYPE BT SELF THREADING SCREW
WHEN USING LATCHES, MAXIMUM LENGTH
OF SCREW IS .250 INCHES PLUS
THICKNESS OF THE BOARD.
TORQUE FOR EACH SCREW IS 3-5 INCH LBS.



3341-5

H		60056		MAR 06, 2015		JNC		RS			
G		56068		AUG 05, 2014		JNC		RS			
REV		ECO		ISSUE DATE AND DESCRIPTION				DRFT		CHKD	
DRFT		CASTIGLIONE		DATE		AUG 05, 2014		MFG		DATE	
CHKD				DATE				APPR		DATE	
						R. SCHERER				SEP 05, 2014	
DIVISION		DIVISION CODE		EMSD		© 3M COPYRIGHT 2015					
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DO NOT SCALE DRAWING		SCALE 4 1		INCHES .00 ± .01 .000 ± .0005 .0000 ±		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.					
THIRD ANGLE PROJECTION		MILLIMETERS 0 ± .0 ± .3 .00 ± .13 .000 ±		CAGE NUMBER		DRAWING NO.		REV.			
INTERPRET PER ASME Y14.5 - 2009		MAX SURFACE ROUGHNESS		D 78-5100-0771-5		H		DET			
MARKED ONLY		SURFACES		MODEL		3000 SERIES		SHT 4 OF 4			