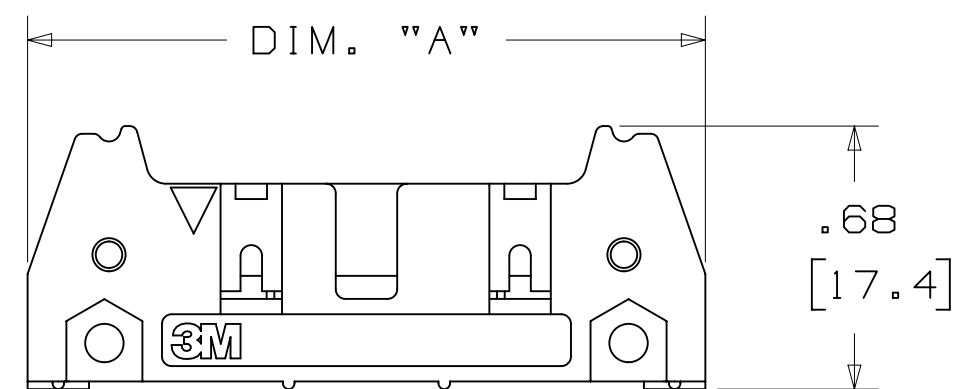
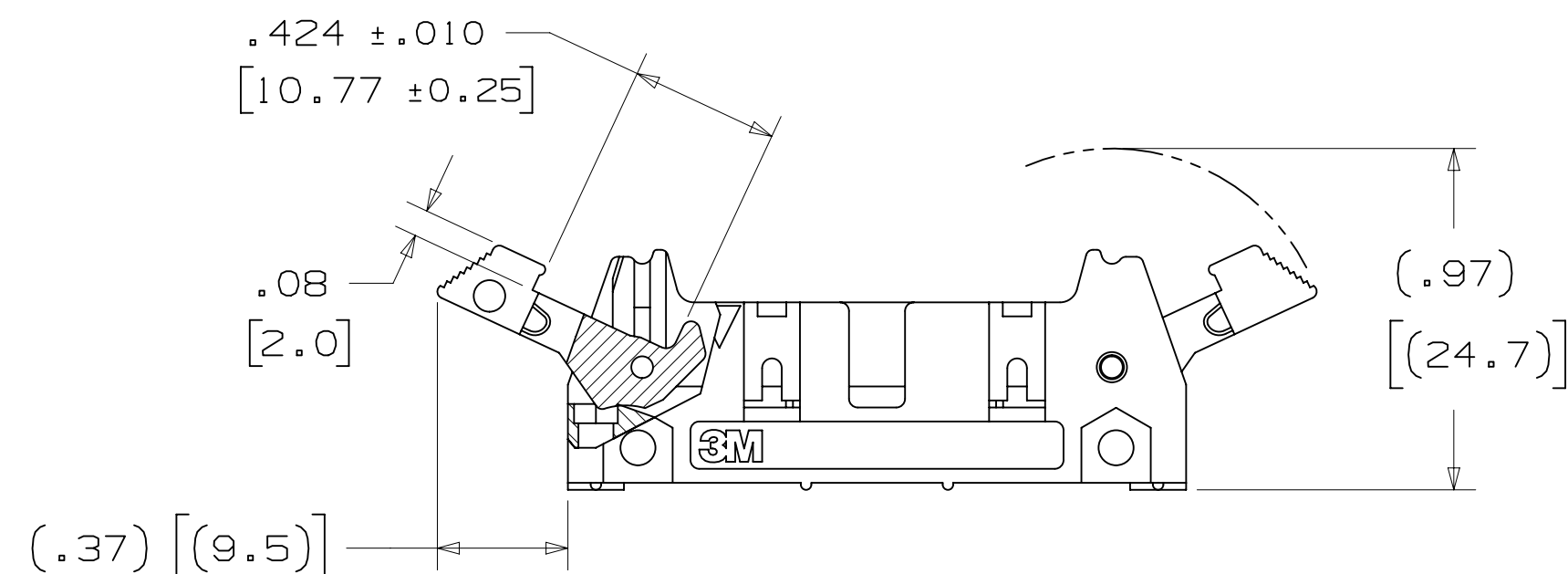


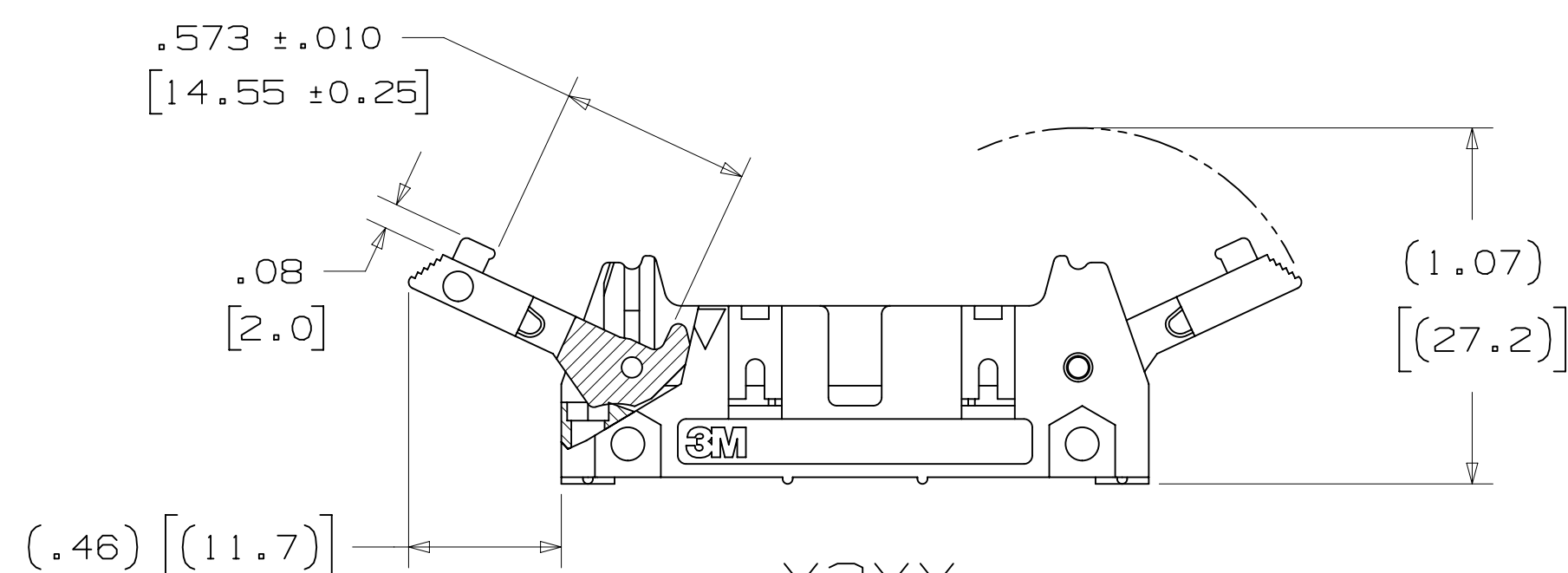
.100" X .100" LATCH/EJECTOR, STRAIGHT AND RIGHT ANGLE



-X0XX
HEADER WITHOUT LATCH EJECTOR



-X2XX
HEADER WITH SHORT LATCH EJECTOR
FOR 3M SOCKETS WITHOUT STRAIN RELIEF



-X3XX
HEADER WITH LONG LATCH EJECTOR
FOR 3M SOCKETS WITH STRAIN RELIEF

X3XXX - XXXXXX

PIN CONFIGURATION: _____
5 = RIGHT ANGLE SOLDER TAILS
6 = STRAIGHT SOLDER TAILS

```

- TAIL :
02 = FOR .062 [1.57] THICK BOARD
03 = FOR .094 TO .125 [2.39 TO 3.18] THICK BOARD
05 = WWT FOR UP TO 3 LEVELS OF WIRE WRAP
K2 = KINKED FOR .062 [1.57] THICK BOARD

```

LATCH/EJECTOR SYSTEM:
0 = NO LATCH/EJECTOR INSTALLED
2 = SHORT ROLL PIN LATCH/EJECTORS
3 = LONG ROLL PIN LATCH/EJECTORS

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INFORMATION CALL 800-225-5373

- * MILITARY (WITH 3M'S N3518 POLARIZING KEY) AND CENTERBUMP POLARIZATION.
- * OPTIONAL EJECTOR LATCHES.
- * MOUNTING HOLES FOR SECURING HEADER TO BOARD.
- * OPTIONAL POLARIZING POSTS AVAILABLE.
- * HIGH TEMPERATURE INSULATOR SUITABLE FOR "NO LEAD" SOLDERING OPERATIONS.
- * SUITABLE FOR REFLOW SOLDERING USING "PASTE IN HOLE" TECHNIQUES.
- * SOLDER TAIL OPTION.

2 PHYSICAL :

INSULATOR: MATERIAL: GLASS FILLED POLYESTER (PCT)
FLAMMABILITY: UL94V-0
COLOR: BLACK
CONTACT: MATERIAL: COPPER ALLOY
PLATING:
UNDER PLATING: 100μ" [2.54μm] AVG. NICKEL-OVERALL
WIPING AREA: 30μ" [0.76μm] AVG. GOLD
SOLDER TAILS: TIN LEAD OR MATTE TIN (SEE ORDERING INFORMATION)
MARKINGS: 3M LOGO, PART IDENTIFICATION NUMBER AND ORIENTATION TRIANGLE

2 ELECTRICAL :

EIA CURRENT RATING: 5.00A, 1 CONTACT POWERED
3.00A, 6 CONTACTS POWERED
1.75A, ALL CONTACTS POWERED
RATING CONDITIONS: EIA-364-070 METHOD 2, 30°C MAXIMUM
TEMPERATURE RISE, 20% DERATED. REFERENCE APPROPRIATE
3M PRODUCT SPECIFICATION FOR DETAILED CURRENT DERATING
CURVES.

INSULATION RESISTANCE: $>1 \times 10^9 \Omega$ AT 500 V_{DC}
WITHSTANDING VOLTAGE: 1,000V_{RMS} AT SEA LEVEL
UL CURRENT RATING: 1.0A ALL LINES POWERED
UL VOLTAGE RATING: 125V

2 ENVIRONMENTAL :

UL TEMPERATURE RATING: 130C
EIA TEMPERATURE RATING: -55° C TO 105° C
PROCESS RATING: 260° C, PER J-STD-020C, SINGLE PASS
MOISTURE SENSITIVITY LEVEL: 1 (PER J-STD-020C)

DIMENSIONS: INCHES [MM]
[MM] IS REF. ONLY

DESIGN REFERENCE		NEXT ASSEMBLY		REV		ECO		ISSUE DATE AND DESCRIPTION				DRFT		CHKD	
ACCORDS				DRFT		CASTIGLIONE		DATE		MFO		DATE			
								JUL 25, 2014							
				CHKD				DATE		APPRV.		R. SCHERER		SEP 05, 2014	
DIVISION				DIVISION CODE				© 3M COPYRIGHT 2016							
Interconnect Solutions				EMSD				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 2 1		TOLERANCES EXCEPT AS NOTED											
				INCHES .00 ± .00 ± .01 .000 ± .005 .0000 ±		MILLIMETERS 0 ± .00 ± .3 .00 ± .13 .000 ±		TITLE HEADER, 4-WALL, .100 X .100 LATCH/EJECTOR, STRAIGHT & RA							
THIRD ANGLE PROJECTION ASME Y14.5 - 2009															
MAX SURFACE ROUGHNESS  SURFACES ☒ MARKED ONLY				ANGLE .00 ± .00 ± .13 .000 ±		CAGE NUMBER D78-5100-0772-3		SIZE DRAWING NO.		REV.		T			
						MODEL 3000 SERIES		DET. SHT 1 OF		YES NO		YES NO		YES NO	

UL[®]
US
UL FILE NO: E68080

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

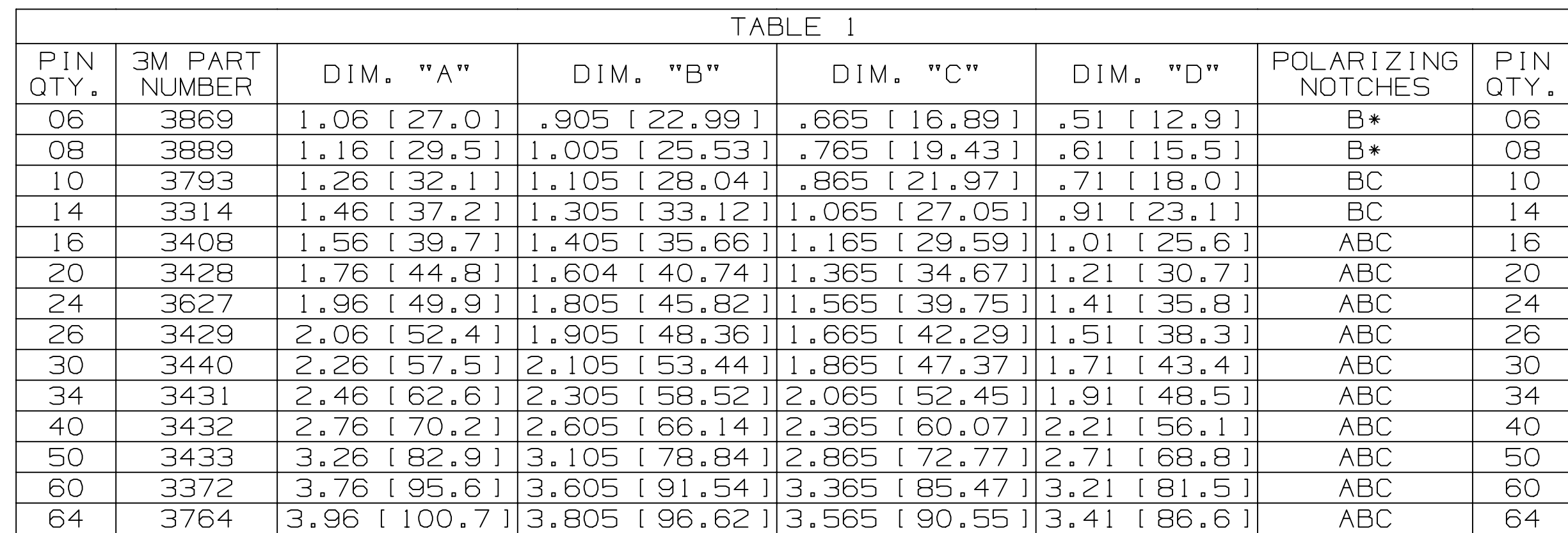
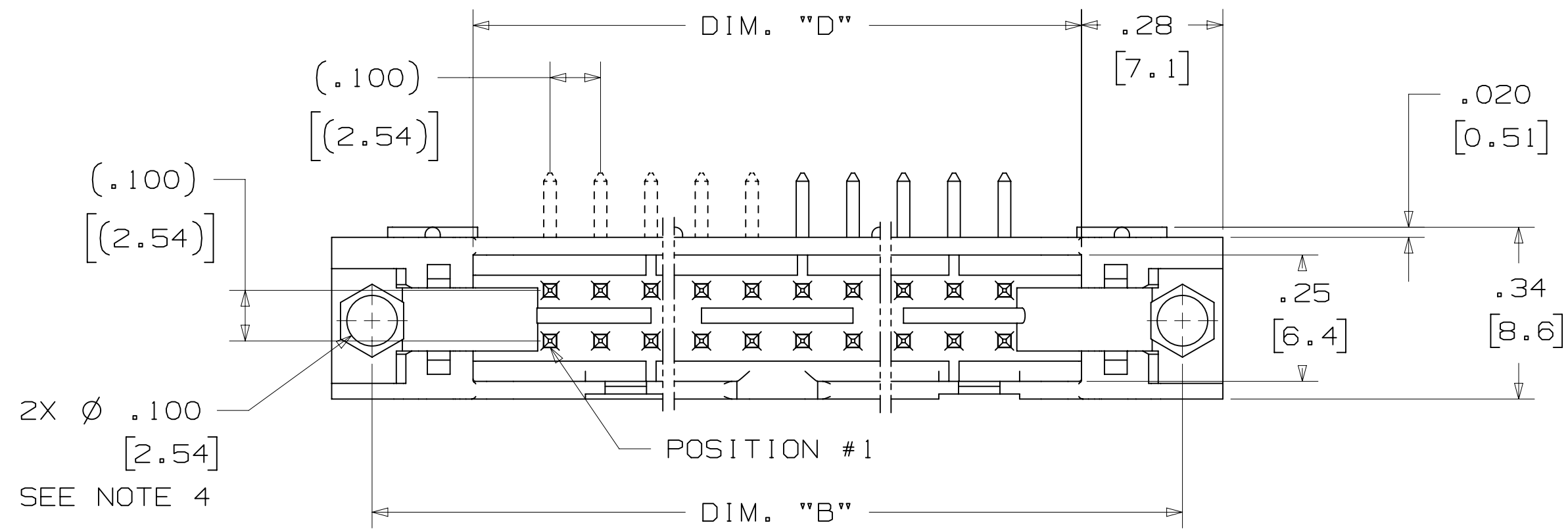
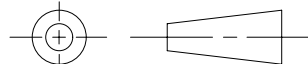


TABLE 2						
3M PART NUMBER SUFFIX	CONTACT TAIL	DIM. "E"	PIN CROSS SECTION			DIM. "G"
			DIM. "F"	DIAGONALS	CORNER RADII	
-5XX2	.062 [1.57] THICK PC BOARD	.112 [2.84]	.0245+/- .0005 [.622]	.028+/- .001 [.71]	.0075 [.191] REF.	.035+/- .003 [.89] SEE NOTE 5
-6XX2						
-5X03	.094 [2.39] TO .125 [3.18] THICK PC BOARD	.155 [3.94]	.0245+/- .0005 [.622]	.028+/- .001 [.71]	.0075 [.191] REF.	.035+/- .003 [.89]
-6X03						
-5X05	WIRE WRAP TAIL FOR UP TO 3 LEVELS OF WIRE WRAP	.61 [15.5] REF.	.0250+/- .002 [.635]	.035+/- .003 [.89]	.003 [.08] MAX.	.045+/- .003 [1.14]

DESIGN REFERENCE		NEXT ASSEMBLY		REV		ECO		ISSUE DATE AND DESCRIPTION				DRFT		CHKD	
ACCORDS				BPN		CASTIGLIONE		DATE		JUL 25, 2014		MFG		DATE	
				CHKD				DATE				APPRV		R. SCHERER DATE SEP 05, 2014	
DIVISION				DIVISION CODE				Interconnect Solutions DO NOT SCALE DRAWING SCALE $\frac{4}{1}$  THIRD ANGLE PROJECTION INTERPRET PER ASME Y14.5 - 2009 ☒ MARKED SURFACES ☐ UNMARKED SURFACES EMSD TOLERANCES EXCEPT AS NOTED INCHES .00 ± .01 .000 ± .005 .0000 ± MILLIMETERS 0 ± .0 ± .3 .00 ± .13 .000 ± ANGLES 3M 3M Center St. Paul, MN 55144 © 3M COPYRIGHT 2016 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.							
TITLE				HEADER, 4-WALL, .100 X .100 LATCH/EJECTOR, STRAIGHT & RA											
CAGE NUMBER				SIZE DRAWING NO.								REV.			
D				78-5100-0772-3								T			
MODEL				3000 SERIES								DET. LISTS ☒ YES ☒ NO			
												SHT 2 OF 4			

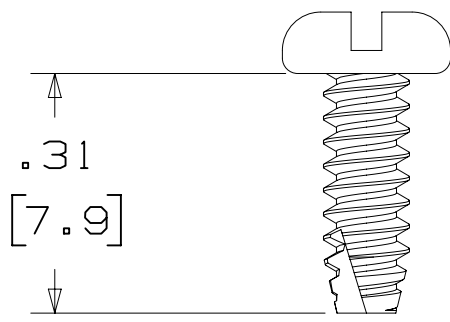
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.100" X .100" LATCH/EJECTOR, STRAIGHT AND RIGHT ANGLE

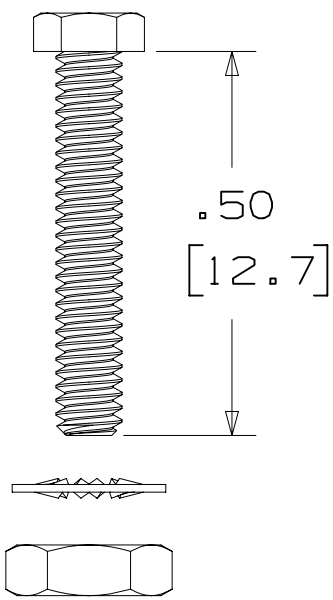


3M™ FOUR-WALL HEADER, 3000 SERIES
.100" X .100" LATCH/EJECTOR, STRAIGHT AND RIGHT ANGLE

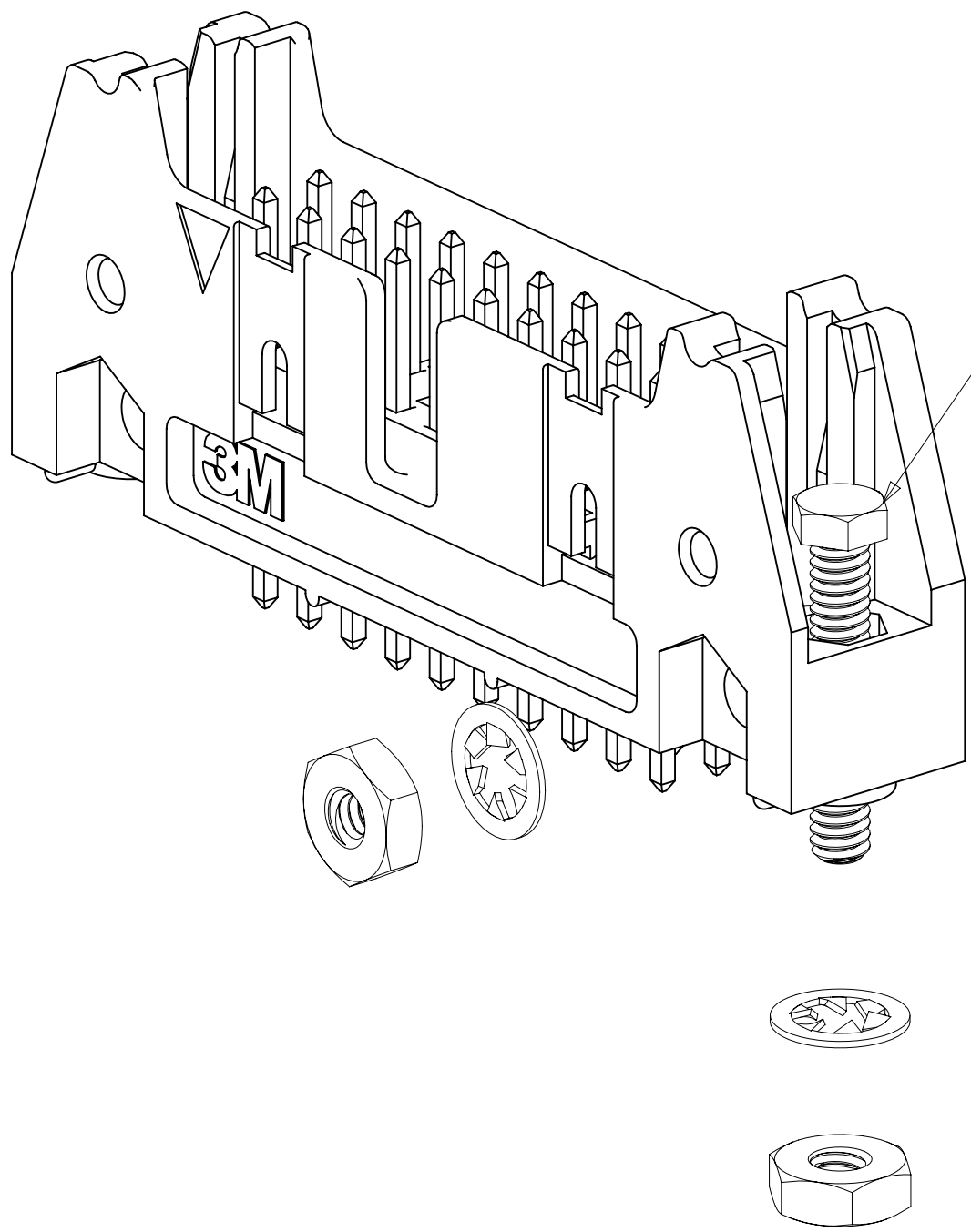
MOUNTING HARDWARE



3341-5
(INSTALL FROM BOTTOM OF BOARD)
PANHEAD THREAD CUTTING SCREW:
#4-24 X 5/16"
TYPE: USA STD BT, FEDERAL BG
MATERIAL: STAINLESS STEEL



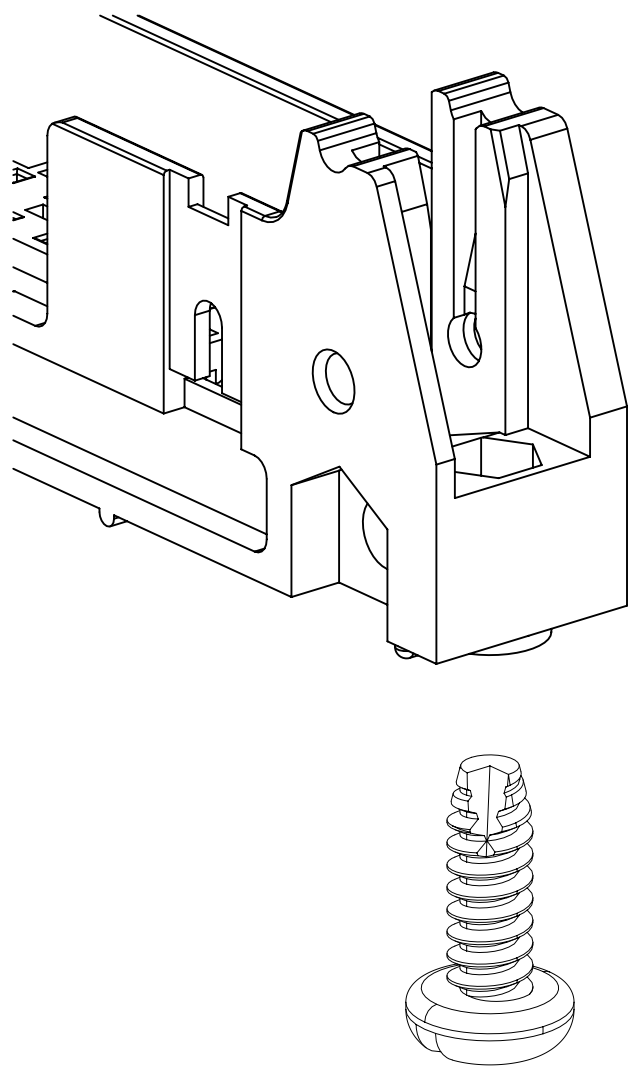
3341-6
HEX HEAD BOLT, NUT AND WASHER:
BOLT - #2-56 X 1/2"
MATERIAL: STAINLESS STEEL



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

T		62689	JUL 10,2015		JNC	SN					
			ADD 5X05 OPTION AND REVISE NOTES								
S		60056	MAR 06,2015		JNC	RS					
			REVISE ORDERING NUMBER								
R		56068	JUL 25,2014		JNC	RS					
			REVISED AND REDRAWN								
DESIGN REFERENCE		NEXT ASSEMBLY		REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD			
ACCESS CODES				DRF T	CASTIGLIONE		DATE	JUL 25,2014	MFG	DATE	
				DRKD			DATE		APPR	R. SCHERER	DATE
										SEP 05,2014	
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DO NOT SCALE DRAWING		SCALE 4 1		3M Center St. Paul, MN 55144							
		TOLERANCES EXCEPT AS NOTED		TITLE		HEADER, 4-WALL, .100 X .100 LATCH/EJECTOR, STRAIGHT & RA					
		INCHES									
THIRD ANGLE PROJECTION		.00 ± .01									
		.00 ± .005									
		.0000 ±									
INTERPRET PER ASME Y14.5 - 2009		MILLIMETERS									
		.00 ± .3									
		.00 ± .13									
		.000 ±									
MAX SURFACE ROUGHNESS		CAGE NUMBER		SIZE		DRAWING NO.		REV.			
		D		78-5100-0772-3		T					
✓ □ MARKED ONLY		MODEL		3000 SERIES		DET. LISTS		YES X NO		SHT 4 OF 4	

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