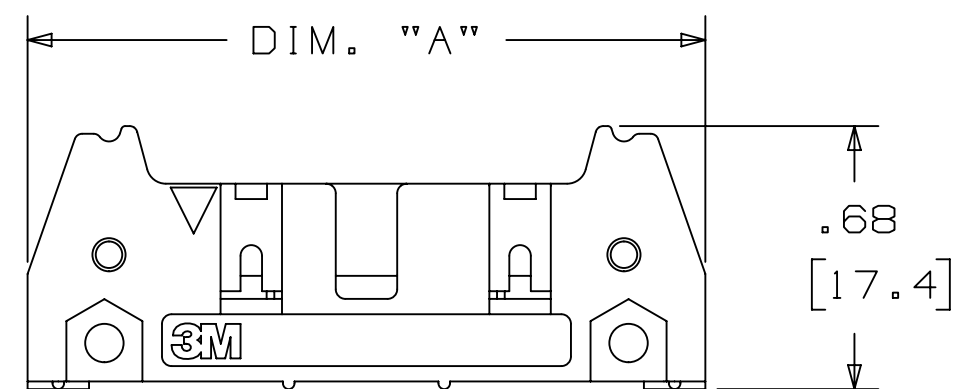
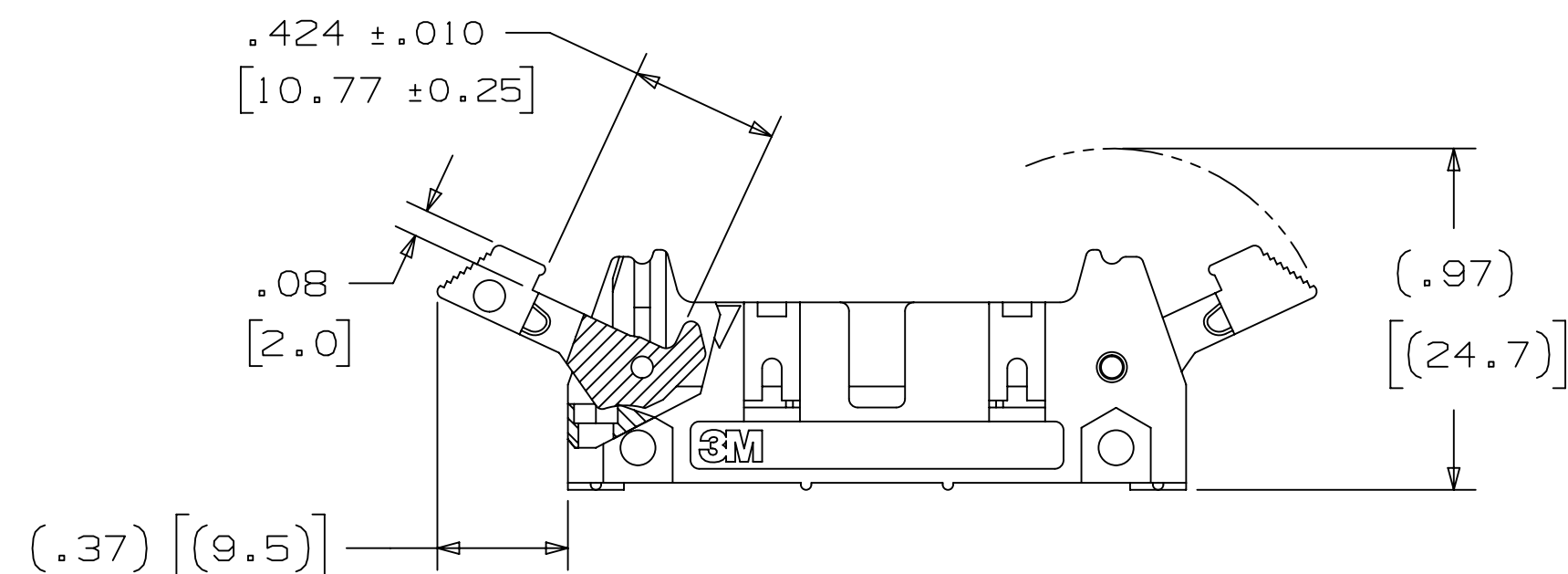


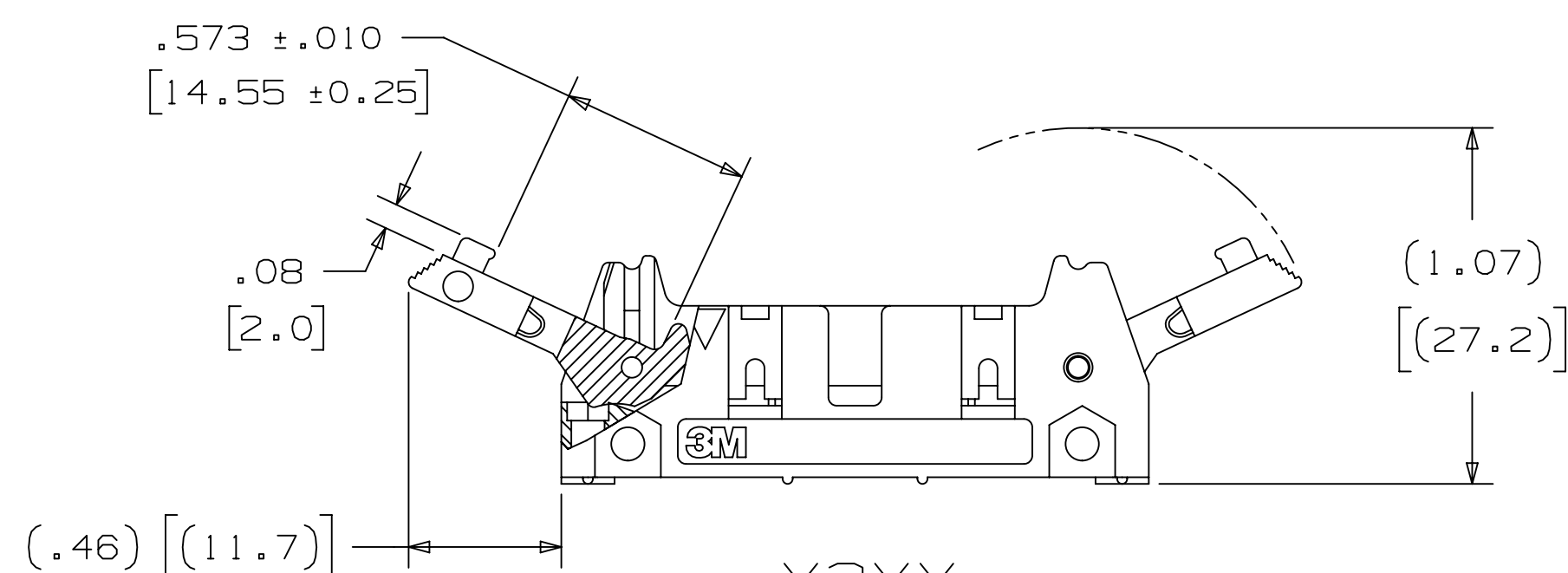
.100" X .100" LATCH/EJECTOR, STRAIGHT AND RIGHT ANGLE



-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

D= HIGH TEMP BLACK (PCT)/(AR PLATING REQ'D) —
N= HIGH TEMP BLACK (PCT)/(RB PLATING REQ'D)
BLANK= HIGH TEMP BLACK (PCT)/(EB PLATING REQ'D)

3M PART NUMBER:
(SEE TABLE 1)

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

- PLATING:

AR = 50 μ "-150 μ " [1.27 μ m-3.81 μ m] NICKEL-OVERALL
10 μ " [0.25 μ m] AVG. GOLD, 40-120 μ " [1-3 μ m] MATTE TIN TAILS
RB = 50 μ "-150 μ " [1.27 μ m-3.81 μ m] NICKEL-OVERALL
30 μ " [0.76 μ m] AVG. GOLD, 200 μ " [5.08 μ m] MATTE TIN TAILS

TAIL:
02 = FOR .062 [1.57] THICK BOARD (N & D)
03 = FOR .094 TO .125 [2.39 TO 3.18] THICK BOARD (N ONLY)

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

- * 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.
- * STRAIGHT, RIGHT ANGLE SOLDER TAIL OPTIONS.

2 PHYSICAL :

```

INSULATOR:
  MATERIAL: HIGH TEMP GLASS FILLED POLYESTER (PCT)
FLAMMABILITY: UL94V-0
  COLOR: BLACK
  CONTACT:
    MATERIAL: COPPER ALLOY
    PLATING:
UNDER PLATING: NICKEL-OVERALL (SEE ORDERING INFORMATION)
  WIPING AREA: GOLD (SEE ORDERING INFORMATION)
  SOLDER TAILS: 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: 250V

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, SINGLE PASS)

NOTES	
1.	REGULATORY INFORMATION: VISIT 3M.com/regs
2	IN THE EVENT OF CONFLICT BETWEEN THIS DATA AND THAT CONTAINED IN THE PRODUCT SPECIFICATION, THE PRODUCT SPECIFICATION TAKES PRECEDENT.
3	NOTCHES A & C WILL ACCOMODATE 3M POLARIZING KEY: N3518.
4	MOUNTING HARDWARE: FROM SOLDER SIDE OF PC BOARD USE #4-24 THREAD CUTTING SCREW (3M PART #3341-5) WITH Ø.116 [2.95] MOUNTING HOLE. FOR RIGHT ANGLE VERSION ONLY: #2-56 BOLT AND NUT (3M PART #3341-6) WITH Ø.106 [2.69] MOUNTING HOLE MAY BE USED.

X	115955	MAY 08,2024 REMOVE 05 WWT TAIL	JNC	FJR
W	112712	NOV 29,2023 UL VOLTAGE WAS 125	JNC	FJR
V	97909	JUN 22,2021 REVISED ORDERING INFO	JNC	SAN
U	93619	JAN 07,2021 REMOVE TIN LEAD PLATING AND KINK TAILS	JNC	SAN
T	62689	JUL 10,2015 ADD 5X05 OPTION AND REVISE NOTES	JNC	SN
S	60056	MAR 06,2015 REVISE ORDERING NUMBER	JNC	RS
R	56068	JUL 25,2014 REVISED AND REDRAWN	JNC	RS

REV	ECO	ISSUE DATE AND DESCRIPTION	DATE	CHKD
DRAFT CASTIGLIONE		DATE JUL 25, 2014	DATE	
CHKD		DATE	APPROV. R. SCHERER	DATE SEP 05, 2014
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		TITLE 4-WALL HEADER, .100 X .100 LATCH/EJECT, STRAIGHT & RA		
CAGE NUMBER	SIZE	DRAWING NO.		REV.
D		78-5100-0772-3		X
MODEL	3400	DET. LISTS ☐ YES ☐ NO SHT 1 OF 3		

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

DESIGN REFERENCE	NEXT	ASSEMBLY
ACCESS CODES		
DIVISION Interconnect Solutions		DIVISION CODE EMSD
DO NOT SCALE DRAWING	SCALE	TOLERANCES EXCEPT AS NOTED
		INCHES .0 ±.1 .00 ±.01 .000 ±.005 .0000 ±.0002
THIRD ANGLE PROJECTION		MILLIMETERS 0 ± .0 ± .00 ± .000 ±
INTERPRET PER ASME Y14.5 - 2018		
MAX SURFACE ROUGHNESS		
☒ ALL SURFACES ☐ MARKED ONLY		ANGLES ±

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TITLE
4-WALL HEADER, .100 X .100 LATCH/EJECT, STRAIGHT & RA

CAGE NUMBER	SIZE D	DRAWING NO. 78-5100-0772-3	REV. X
MODEL 3400		DET. LISTS ☐ YES ☒ NO	SHT 1 OF 5

UL[®]
US
UL FILE NO: E68080

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

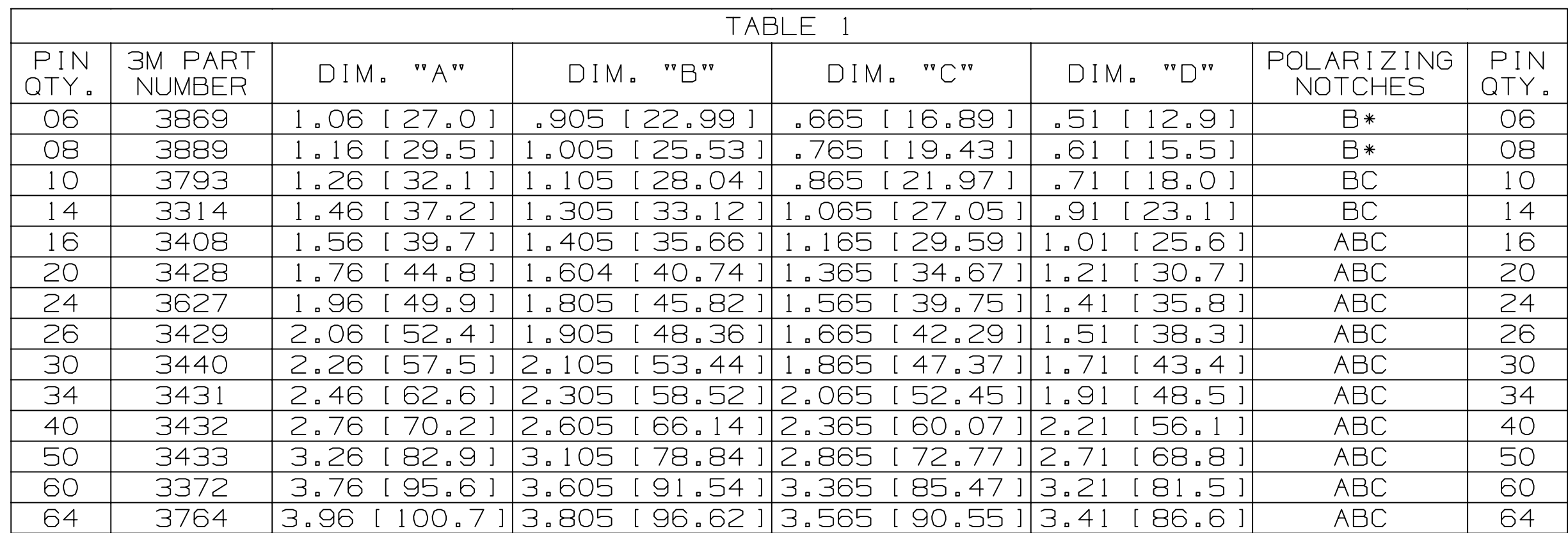
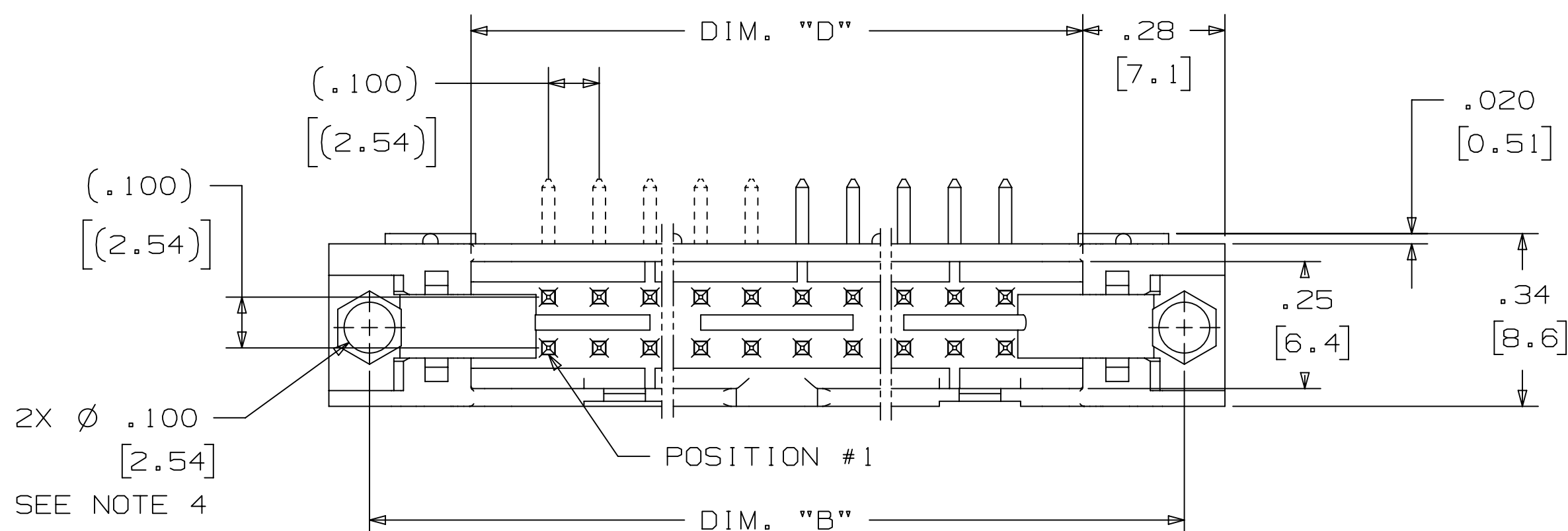
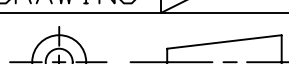


TABLE 2						
3M PART NUMBER SUFFIX	CONTACT TAIL	DIM. "E"	PIN CROSS SECTION			DIM. "G"
			DIM. "F"	DIAGONALS	CORNER RADIUS	
-5XX2	.062 [1.57] THICK PC BOARD	.112 [2.84]	.0245+/- .0005 [.622]	.028+/- .001 [.71]	.0075 [.191] REF.	.035+/- .003 [.89] SEE NOTE 5
-6XX2						
-5X03	.094 [2.39] TO .125 [3.18] THICK PC BOARD	.155 [3.94]	.0245+/- .0005 [.622]	.028+/- .001 [.71]	.0075 [.191] REF.	.035+/- .003 [.89]
-6X03						

DESIGN REFERENCE		NEXT		ASSEMBLY	
ACCESS CODES					
DIVISION				DIVISION CODE	
Interconnect Solutions				EMSD	
DO NOT SCALE DRAWING		SCALE		TOLERANCES EXCEPT AS NOTED	
				INCHES	
				.00 ± .1	
				.00 ± .01	
				.000 ± .005	
				.0000 ± .0002	
THIRD ANGLE PROJECTION				MILLIMETERS	
				0 ±	
				.00 ±	
				.00 ±	
MAX. SURFACE ROUGHNESS				.000 ±	
☒ ALL SURFACES ☐ MARKED ONLY				ANGLES ±	

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

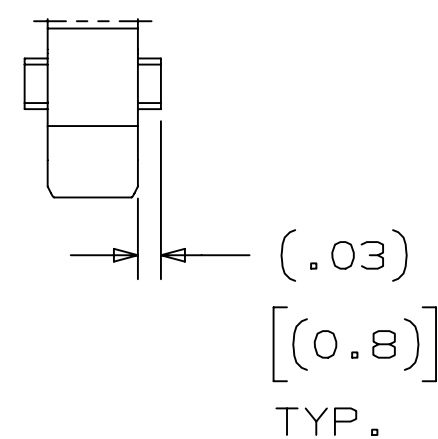
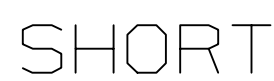


THIS SPEC SHEET DETAILS OUR STANDARD OFFERING.

3M HAS SEVERAL CAPABILITIES THAT CAN PROVIDE A PART TAILORED TO YOUR SPECIFIC NEEDS. ASK YOUR 3M SALES REPRESENTATIVE OR CUSTOMER SERVICE FOR MORE DETAILS.

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
```



SNAP - IN LATCHES

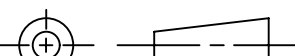
NOTE:
SNAP-IN LATCHES CAN ONLY BE ORDERED
SEPARATELY AND ARE THE CUSTOMERS
RESPONSIBILITY TO INSTALL.

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NOTE:
INSERT POST INTO ONE MOUNTING
HARDWARE HOLE ON BOTTOM OF HEADER.
SET POST TO PROTRUDE .115 [2.92]



DESIGN REFERENCE		NEXT ASSEMBLY		REV	ECO	ISSUE DATE AND DESCRIPTION		DRFT	CHKD
AGREES CODES				DRFT	CASTIGLIONE	DATE JUL 25, 2014		DATE	
				CHKD		DATE		APPRV. R. SCHERER	DATE SEP 05, 2014
Division Interconnect Solutions				DIVISION CODE EMSD		© 3M COPYRIGHT 2024			
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 THIRD ANGLE PROJECTION				INCHES .00 ±.1 .00 ±.01 .000 ±.005 .0000 ±.0002		TITLE 4-WALL HEADER, .100 X 100 LATCH/EJECT, STRAIGHT & RA			
INTERPRET PER ASME Y14.5 - 2018				MILLIMETERS 0 ± .0 ± .00 ± .000 ±		CAGE NUMBER D 78-5100-0772-3		REV. X	
MAX SURFACE ROUGHNESS ☒ ALL SURFACES ☐ MARKED ONLY				ANGLES ±		MODEL 3400		DET. LISTS ☐ YES ☒ NO SHT 3 OF 5	

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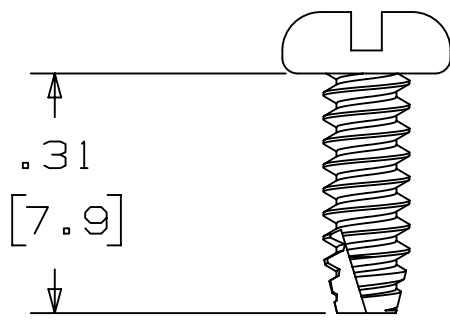
TITLE

4-WALL HEADER, .100 X
.100 LATCH/EJECT,
STRAIGHT & RA

CAGE NUMBER	SIZE D	DRAWING NO. 78-5100-0772-3	REV. X
MODEL 3400		DET. LISTS ☐ YES ☒ NO	SHT 3 OF 5

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

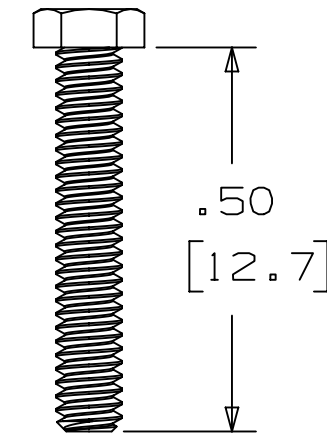
MOUNTING HARDWARE



3341-5

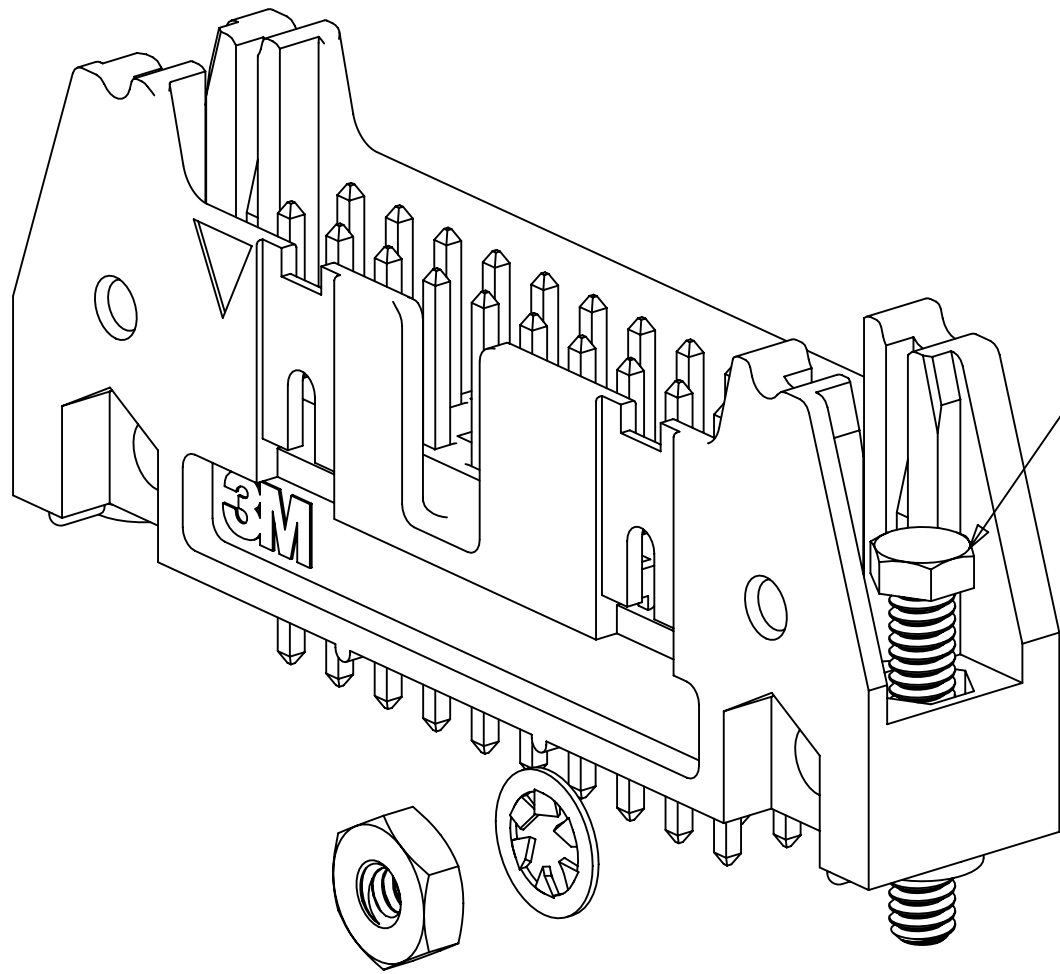
(INSTALL FROM BOTTOM OF BOARD)
SEE NOTE 4

PANHEAD THREAD CUTTING SCREW:
#4-24 X 5/16"
TYPE: USA STD BT, FEDERAL BG
MATERIAL: STAINLESS STEEL



3341-6

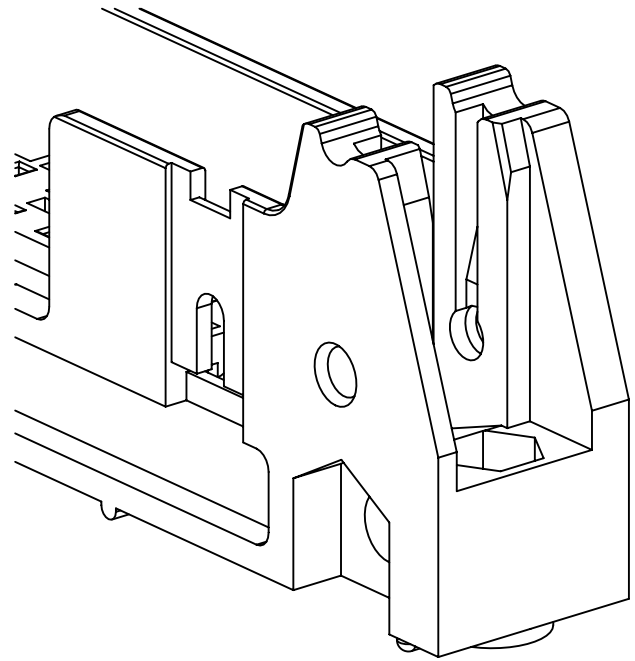
HEX HEAD BOLT, NUT AND WASHER:
BOLT - #2-56 X 1/2"
MATERIAL: STAINLESS STEEL



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

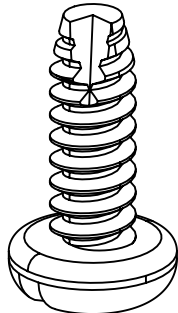
RIGHT ANGLE VERSION INSTALL

3341-6
#2-56 NUT AND BOLT



#4-24 TYPE BT SELF THREADING SCREW
WHEN USING LATCHES, MAXIMUM LENGTH
OF SCREW IS .250 INCHES PLUS
THICKNESS OF THE BOARD.

3341-5



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DESIGN REFERENCE		NEXT ASSEMBLY		REV		ECO		ISSUE DATE AND DESCRIPTION		DRFT	CHKD
X		115955		MAY 08,2024		REMOVE 05 WWT TAIL		JNC		FJR	
W		112712		NOV 29,2023		UL VOLTAGE WAS 125		JNC		FJR	
V		97909		JUN 22,2021		REVISED ORDERING INFO		JNC		SAN	
U		93619		JAN 07,2021		REMOVE TIN LEAD PLATING AND KINK TAILS		JNC		SAN	
T		62689		JUL 10,2015		ADD 5X05 OPTION AND REVISE NOTES		JNC		SN	
S		60056		MAR 06,2015		REVISE ORDERING NUMBER		JNC		RS	
R		56068		JUL 25,2014		REVISED AND REDRAWN		JNC		RS	
REV		ECO		JUL 25,2014		MFG		DATE		DATE	
CHKD		CASTIGLIONE		DATE		APPR		R. SCHERER		DATE	
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MAX SURFACE ROUGHNESS		ALL SURFACES		MARKED ONLY		CAGE NUMBER		DRAWING NO.		REV.	
X		D		78-5100-0772-3		X		MODEL		3400	
DET		LISTS		YES		NO		SHT		4 OF 5	

3M™ FOUR-WALL HEADER, 3000 SERIES

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

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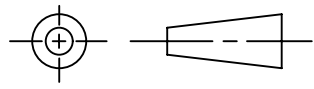
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DESIGN REFERENCE		NEXT ASSEMBLY		
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		DATE	APPR.	DATE
		DATE	R, SCHERER	SEP 05,2014
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THIRD ANGLE PROJECTION		TITLE 4-WALL HEADER, .100 X .100 LATCH/EJECT, STRAIGHT & RA		
INTERPRET PER ASME Y14.5 - 2018 MAX SURFACE ROUGHNESS  ALL SURFACES ☒ MARKED ONLY		CAGE NUMBER D		
		DRAWING NO. 78-5100-0772-3		
		REV. X		
		MODEL 3400		
		DET. LISTS ☒ YES ☒ NO		
		SHT 5 OF 5		