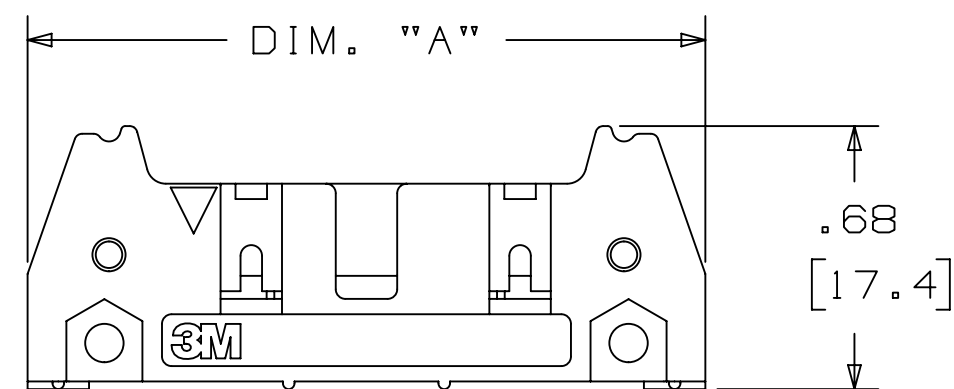
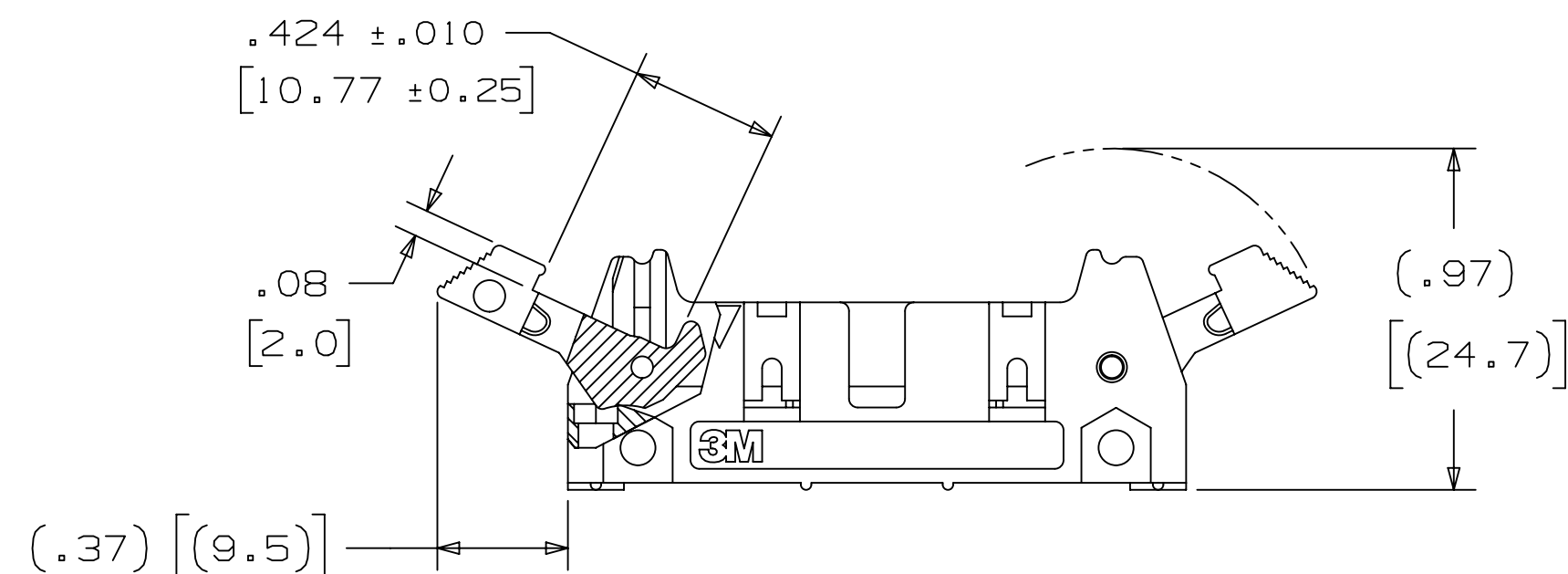


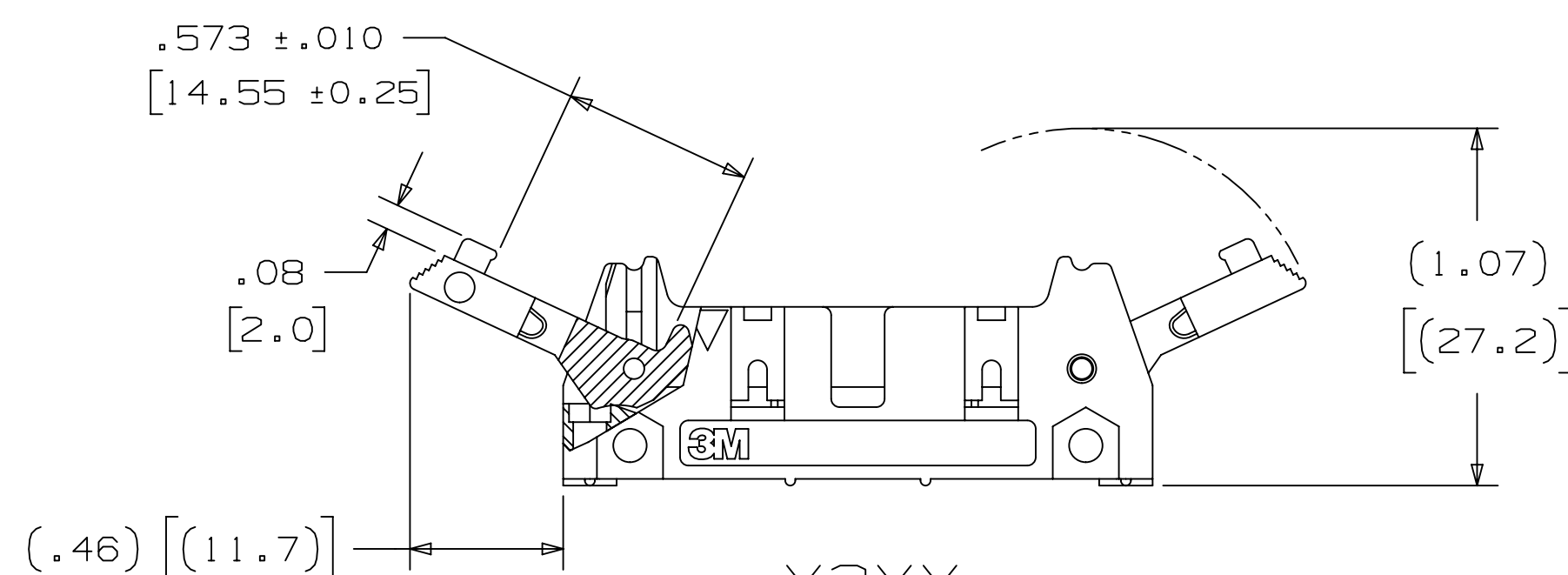
.100" X .100" LATCH/EJECTOR, STRAIGHT AND RIGHT ANGLE



-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

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INTERCONNECT SOLUTIONS
<http://www.3M.com/interconnect>

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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)

- * 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.

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 ACCOMMODATE 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	CASIG LIONE	JUL 25, 2014	MF3	DATE	
CHKD		DATE	APPROV. R. SCHERER	DATE SEP 05, 2014	
 3M Center St. Paul, MN 55144		© 3M COPYRIGHT 2024 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 4-WALL HEADER, .100 X .100 LATCH/EJECT, STRAIGHT & RA					
CAGE NUMBER	SIZE	DRAWING NO.			REV.
D	178	5100-0772-3			X
MODEL	3400	DET. LISTS ☐ YES ☐ NO ☐ SHT 1 OF 3			

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

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	
INTERPRET PER ASME Y14.5 - 2018		0 ± .01 ± .000 ± .000 ±	
MAX SURFACE ROUGHNESS		.000 ± .000 ±	
☒ ALL SURFACES ☐ MARKED ONLY		ANGLES ±	

3M 3M Center
St. Paul,
MN 55144

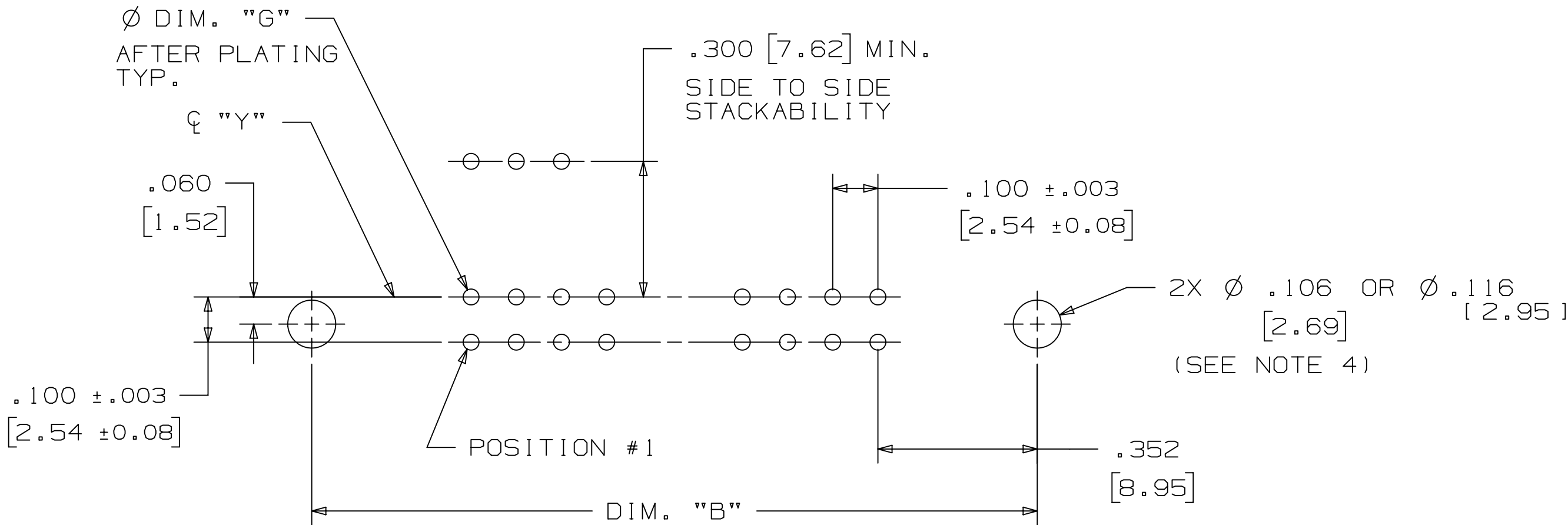
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TITLE
4-WALL HEADER, .100 X .100 LATCH/EJECT, STRAIGHT & RA

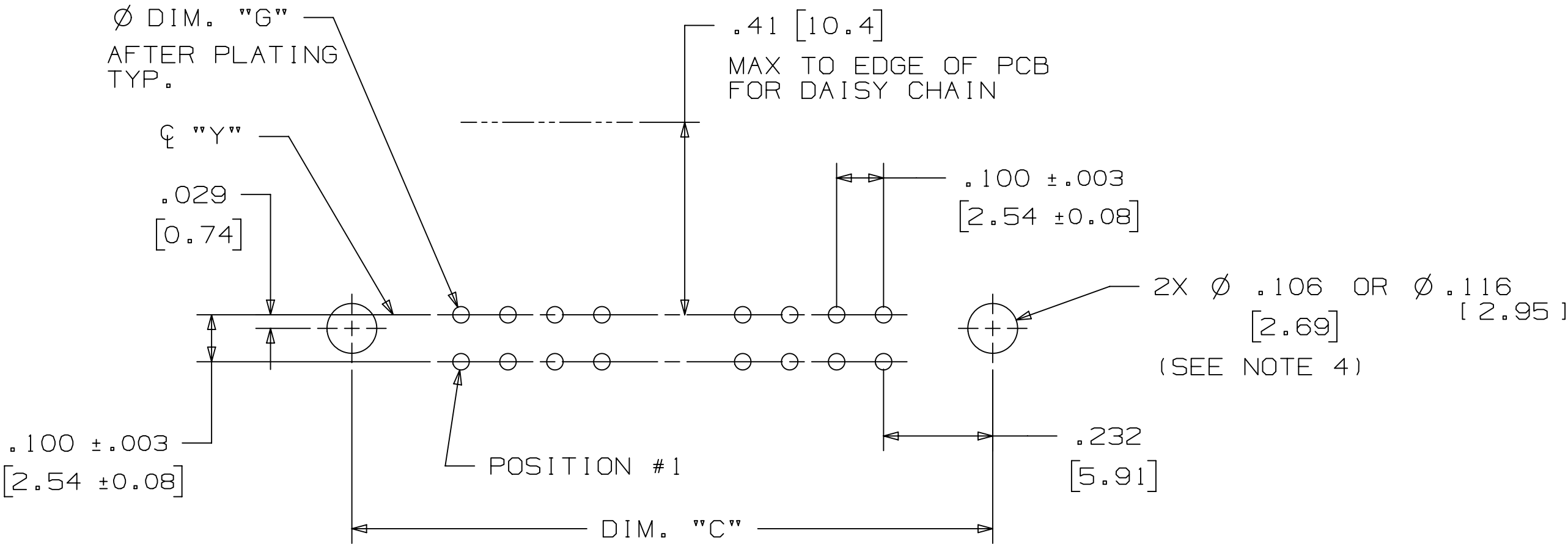
CAGE NUMBER	SIZE D	DRAWING NO. 78-5100-0772-3	REV. X
MODEL 3400		DET. LISTS ☐ YES ☒ NO	SHT 1 OF 5

UL[®]
US
UL FILE NO: E68080

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



RECOMMENDED MOUNTING HOLE PATTERN
(STRAIGHT VERSION)



RECOMMENDED MOUNTING HOLE PATTERN
(RIGHT ANGLE VERSION)

PART CUSTOMIZATION

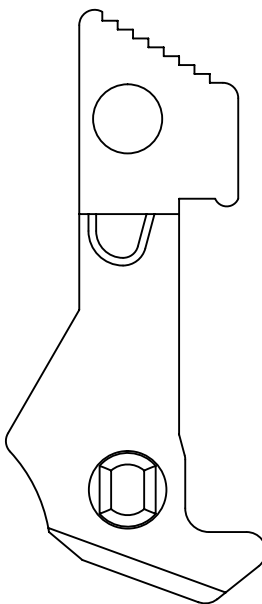
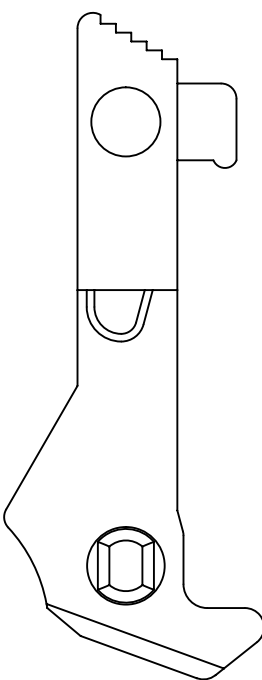
THIS SPEC SHEET DETAILS OUR STANDARD OFFERING.

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.

MATERIAL	SHORT LATCH	LONG LATCH	LATCH STYLE	COLOR
HIGH TEMP. (PCT)	N3505-2B	N3505-3B	ROLL PIN	BLACK
HIGH TEMP (PPA)	N3505-30B	N3505-31B	SNAP-IN	BLACK

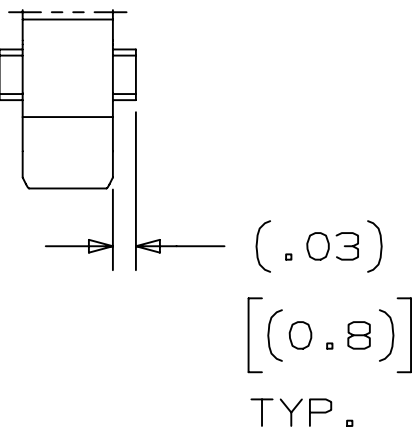
- * SELECTIVE PIN REMOVAL (ATA OR OTHER COMPATABILITY)
- * WIRE WRAP TAILS STYLE



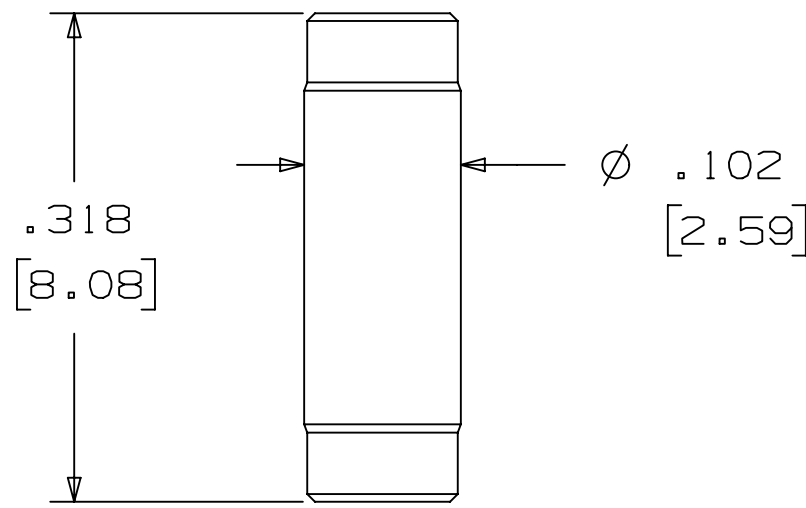
LONG SHORT

SNAP-IN LATCHES

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



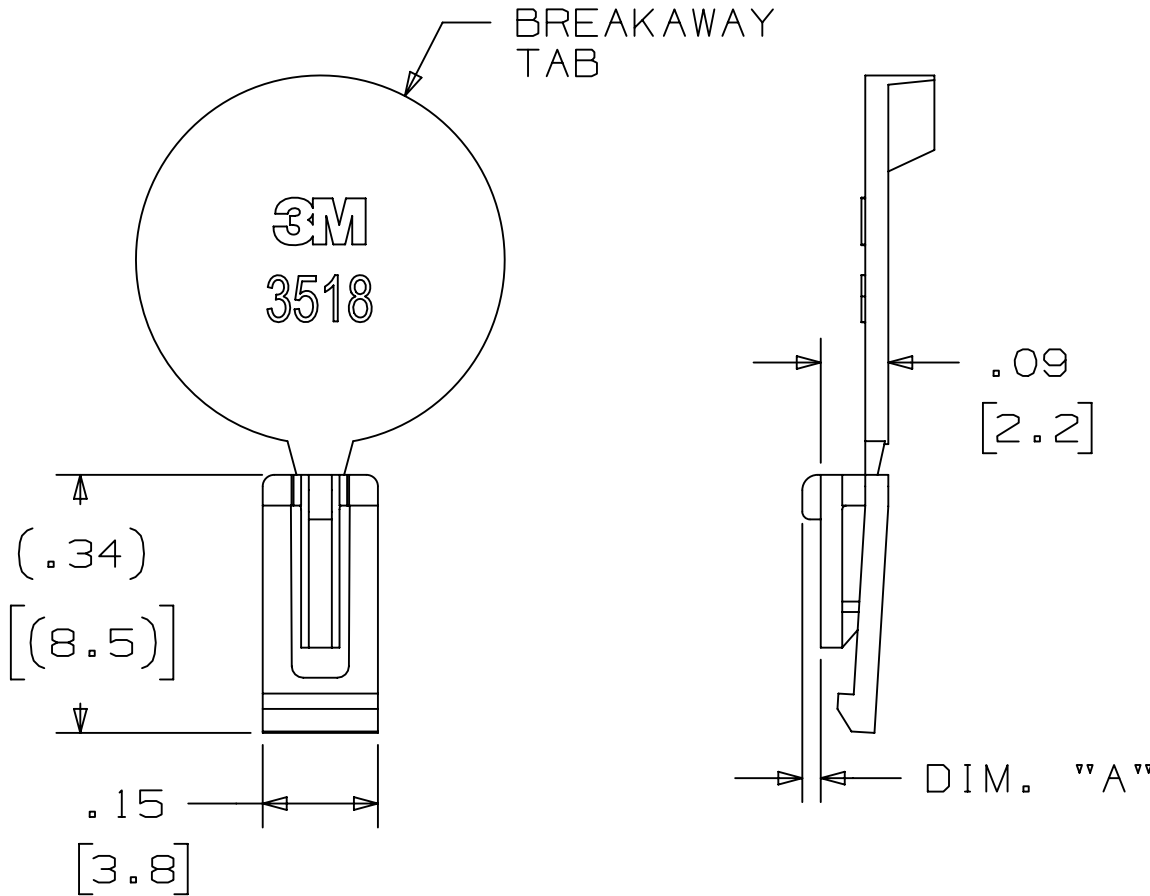
POLARIZING POST



3M PART NO.	MATERIAL	COLOR
3201-4	LCP	BLACK

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

POLARIZING KEYS



3M PART NO.	MATERIAL	COLOR	DIM. "A"
N3518	LCP	BLACK	.02

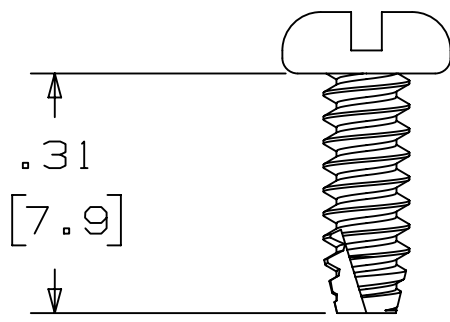
NOTE:
#2216 B/A SCOTCHWELD CAN BE USED TO ADHERE KEYS.

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	DRFT	CHKD

DESIGN REFERENCE	NEXT ASSEMBLY	DRFT	CHKD	DATE	DATE
DO NOT SCALE DRAWING	SCALE	TOLERANCES EXCEPT AS NOTED	INCHES .00 ±.01 .000 ±.005 .0000 ±.0002	MILLIMETERS 0 ±.00 ±.000 ±.000	ANGLES ±
THIRD ANGLE PROJECTION	INTERPRET PER ASME Y14.5 - 2018	MAX SURFACE ROUGHNESS	ALL SURFACES MARKED ONLY	CAGE NUMBER	SIZE
DIVISION Interconnect Solutions		DIVISION CODE EMSD		TITLE 4-WALL HEADER, .100 X .100 LATCH/EJECT, STRAIGHT & RA	
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CAGE NUMBER		DRAWING NO. D78-5100-0772-3		REV. X	
MODEL 3400		LISTS		YES NO SHT 3 OF 5	

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

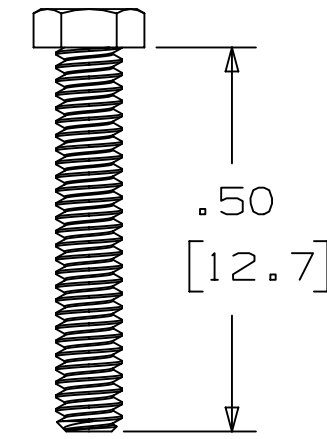
MOUNTING HARDWARE



3341-5

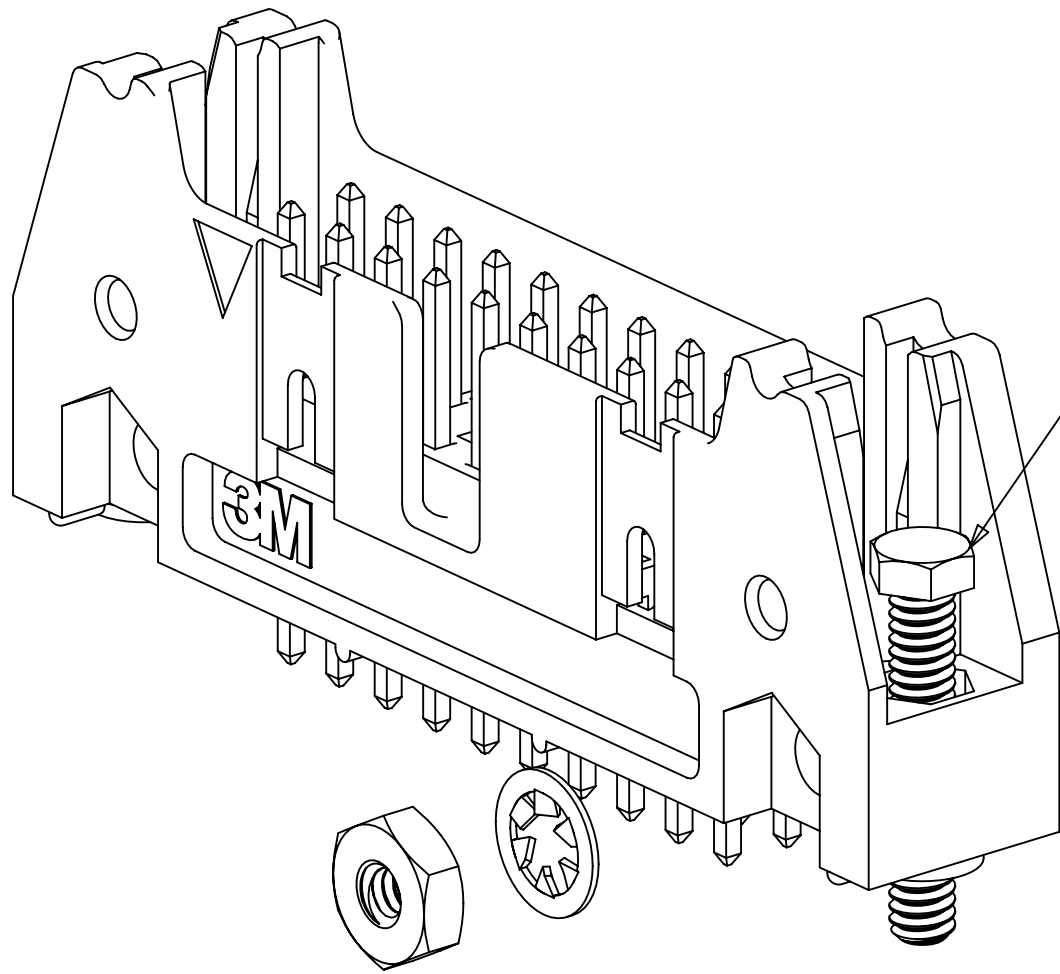
(INSTALL FROM BOTTOM OF BOARD)
SEE NOTE 4

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



3341-6

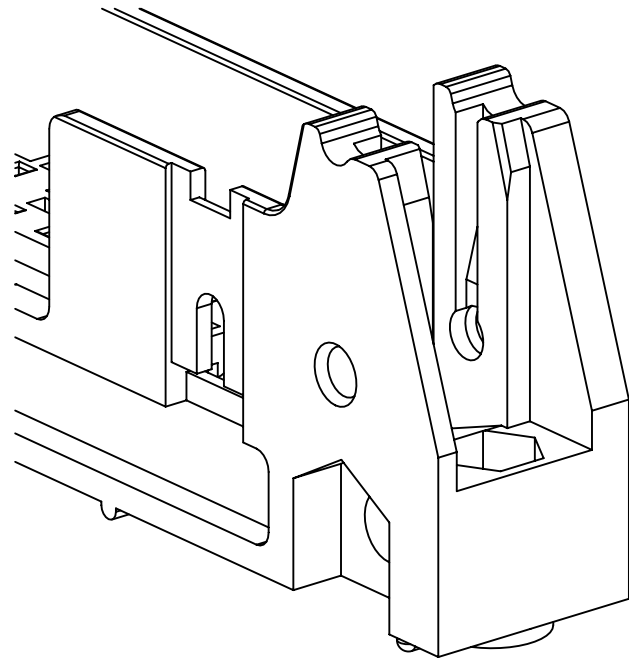
HEX HEAD BOLT, NUT AND WASHER:
BOLT - #2-56 X 1/2"
MATERIAL: STAINLESS STEEL



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

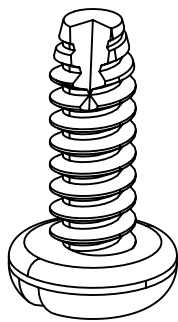
RIGHT ANGLE VERSION INSTALL

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		ISSUE DATE AND DESCRIPTION		DRFT		CHKD			
DRFT		CASTIGLIONE		DATE JUL 25,2014		MFG		DATE			
CHKD				DATE		APPR		DATE			
DIVISION		Interconnect Solutions		DIVISION CODE		EMSD		3M		3M Center St. Paul, MN 55144	
DO NOT SCALE DRAWING		SCALE		TOLERANCES EXCEPT AS NOTED		INCHES .00 ±.01 .000 ±.005 .0000 ±.0002		MILLIMETERS 0 ±.00 ±.000		THIRD ANGLE PROJECTION	
INTERPRET PER ASME Y14.5 - 2018		MAX SURFACE ROUGHNESS		ALL SURFACES		MARKED ONLY		CAGE NUMBER		DRAWING NO.	
								D		78-5100-0772-3	
								MODEL		3400	
										REV. 4 OF 5	

3M™ FOUR-WALL HEADER, 3000 SERIES

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

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3M Company
Electronics Materials Solutions Division
13011 McCallen Pass, Bldg. C
Austin, TX 78753-5380
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	X	115955	MAY 08,2024	REMOVE 05 WWT TAIL	JNC	FJR
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	REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD	
			DATE	MFG		DATE
			JUL 25,2014			
			DATE	APPR.		DATE
				R. SCHERER		SEP 05,2014
DIVISION			DIVISION CODE			
Interconnect Solutions			EMSD			
DO NOT SCALE DRAWING		SCALE		TOLERANCES EXCEPT AS NOTED		
		INCHES		TITLE		
THIRD ANGLE PROJECTION		.0 ±.1 .00 ±.01 .000 ±.005 .0000 ±.0002		4 - WALL HEADER, .100 X .100 LATCH/EJECT, STRAIGHT & RA		
INTERPRET PER ASME Y14.5 - 2018		MILLIMETERS		CAGE NUMBER		
MAX. SURFACE ROUGHNESS		.0 .00 .000		SIZE		
☐ ALL SURFACES		.0 .00 .000		DRAWING NO.		
☒ MARKED ONLY		ANGLES		D		
				478-5100-0772-3		
				REV.		
				X		
				MODEL		
				3400		
				DET.		
				YES ☒ NO		
				SHT 5 OF 6		