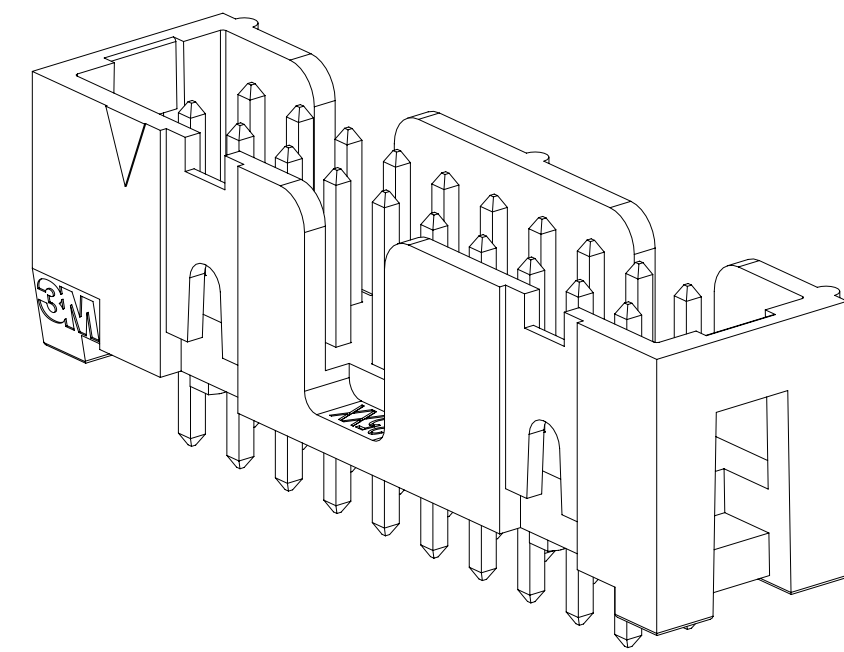


3M™ FOUR-WALL HEADER, 2500 SERIES

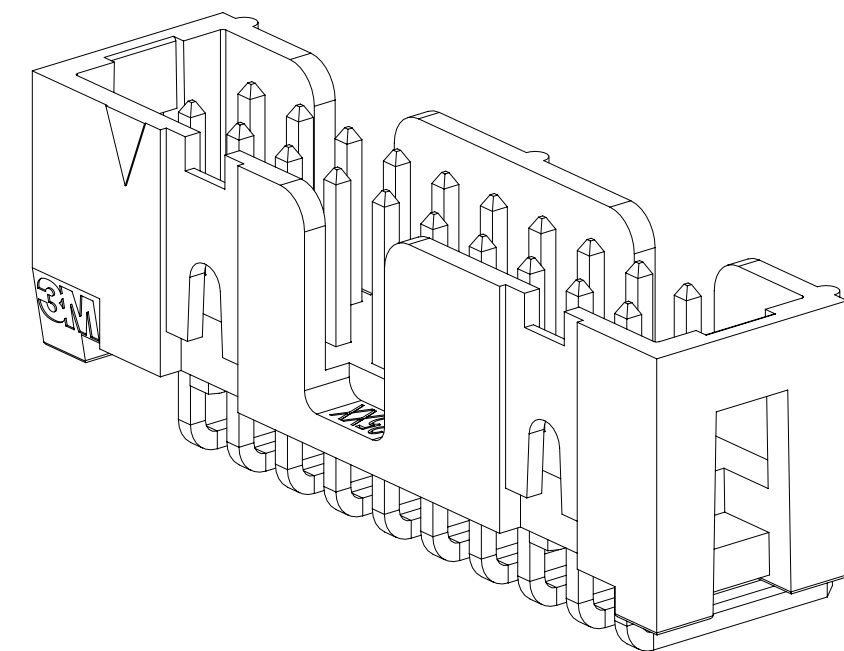
.100" X .100" LOW PROFILE, SURFACE MOUNT, STRAIGHT AND RIGHT ANGLE THROUGH-HOLE

- * LOW PROFILE, SPACE SAVING DESIGN.
- * CENTER SLOT POLARIZATION PREVENTS MIS-INSERTIONS AND REDUCES INSERTION TIME.
- * DUAL SLOT POLARIZATION MEANS BROADER COMPATIBILITY WITH COMPETITIVE POLARIZATION DESIGNS (NOT AVAILABLE ON 6, 8 OR 10 POSITIONS).
- * OPTIONAL RETAINER CLIP FOR LOCKING SOCKETS IN PLACE AND INCREASING CONNECTION RELIABILITY IN VIBRATION-PRONE ENVIRONMENTS.
- * HIGH TEMPERATURE INSULATOR SUITABLE FOR "NO LEAD" SOLDERING OPERATIONS.
- * THROUGH HOLE VERSION SUITABLE FOR REFLOW SOLDERING USING "PASTE IN HOLE" TECHNIQUES.
- * EXPOSED SOLDER TAILS (ON RIGHT ANGLE VERSION) PROVIDE EASE OF CLEANING AND REDUCED REPAIR COST.
- * STRAIGHT SURFACE MOUNT VERSION AVAILABLE.

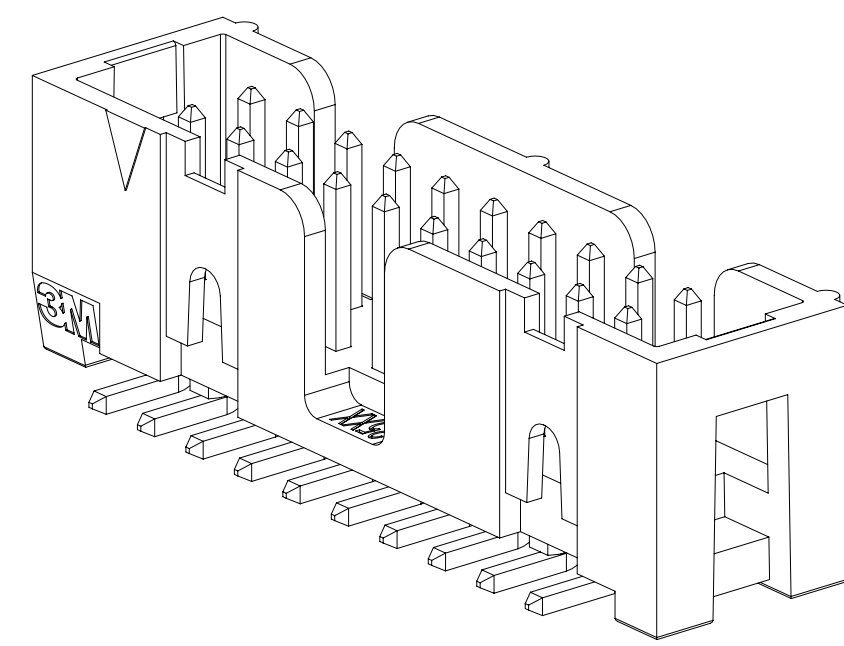
- NOTES
- REGULATORY INFORMATION: VISIT 3M.com/regs
 - IN THE EVENT OF CONFLICT BETWEEN THIS DATA AND THAT CONTAINED IN THE PRODUCT SPECIFICATION, THE PRODUCT SPECIFICATION TAKES PRECEDENT.
 - NOTCHES A & C WILL ACCOMODATE 3M POLARIZING KEY: N3518.
 - CONTACT TAILS .0245 (.622) WIRE WITH .0075 (.191) CORNER RADIUS AND .028 (.072) DIAGONAL.
 - SOLDER STANDOFFS FACILITATE .01 (.3) CLEARANCE ABOVE BOARD FOR REFLOW SOLDERING.



X25XX-60XX
STRAIGHT VERSION



X25XX-50XX
RIGHT ANGLE VERSION



X25XX-6V0C
SURFACE MOUNT VERSION

2 PHYSICAL :

INSULATOR:
 MATERIAL: HIGH TEMPERATURE GLASS FILLED POLYESTER (PCT)
 FLAMMABILITY: UL94V-0
 COLOR: BLACK
 CONTACT:
 MATERIAL: COPPER ALLOY
 PLATING:
 UNDER PLATING: NICKEL UNDERPLATE (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 :

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 X 10⁹Ω AT 500 V_{DC}
 WITHSTANDING VOLTAGE: 1,000V_{RMS} AT SEA LEVEL

2 ENVIRONMENTAL :

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)
 * ENVIRONMENTAL TEST DATA DOES NOT APPLY TO SH PLATING. CONTACT 3M SALES FOR INFORMATION.

REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
T	117547	JUL 25, 2024 ADD SH PLATING FOR RA & STRAIGHT CONN	JNC	FJR
S	0100884	NOV 03, 2021 CHANGED LATCH AND P/N	LDS	FJR
R	97909	JUN 22, 2021 REVISED ORDERING INFO	JNC	SAN
P	89702	JUL 08, 2020 REVISE DRAWING PER NEW HEADER MODEL	JNC	SN
N	68908	AUG 02, 2016 REVISE DIM ON SHT2 & CLIP CHART ON SHT5	JNC	SC
M	56068	AUG 11, 2014 REVISED AND REDRAWN	JNC	RS

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

DESIGN REFERENCE	NEXT ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
ACCESS CODES						
DIVISION	Interconnect Solutions	DATE	AUG 11, 2014	MFG	DATE	
DO NOT SCALE DRAWING	SCALE	TOLERANCES EXCEPT AS NOTED				
THIRD ANGLE PROJECTION		INCHES	.00 ± .01			
INTERPRET PER ASME Y14.5 - 2018		MILLIMETERS	.000 ± .005			
MAX SURFACE ROUGHNESS			.000 ± .0002			
MARKED ONLY						

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TITLE HEADER, 4-WALL, LO-PRO, .100 X .100, SMT, STRAIGHT & RA		
CAGE NUMBER	SIZE	DRAWING NO.
D		78-5100-0770-7
MODEL	2500	REV. T
DET [] YES [] NO [] SHT 1 OF 6		

3M ELECTRONIC MATERIALS SOLUTIONS DIVISION
 INTERCONNECT SOLUTIONS
<http://www.3mconnectors.com>

3M IS A TRADEMARK OF 3M COMPANY.
 FOR TECHNICAL, SALES OR ORDERING
 INFORMATION CALL 800-225-5373

UL FILE NO: E68080

78-5100-0770-7
DRAWING NUMBER

A

3M™ FOUR-WALL HEADER, 2500 SERIES
 .100" X .100" LOW PROFILE, SURFACE MOUNT, STRAIGHT AND RIGHT ANGLE THROUGH-HOLE

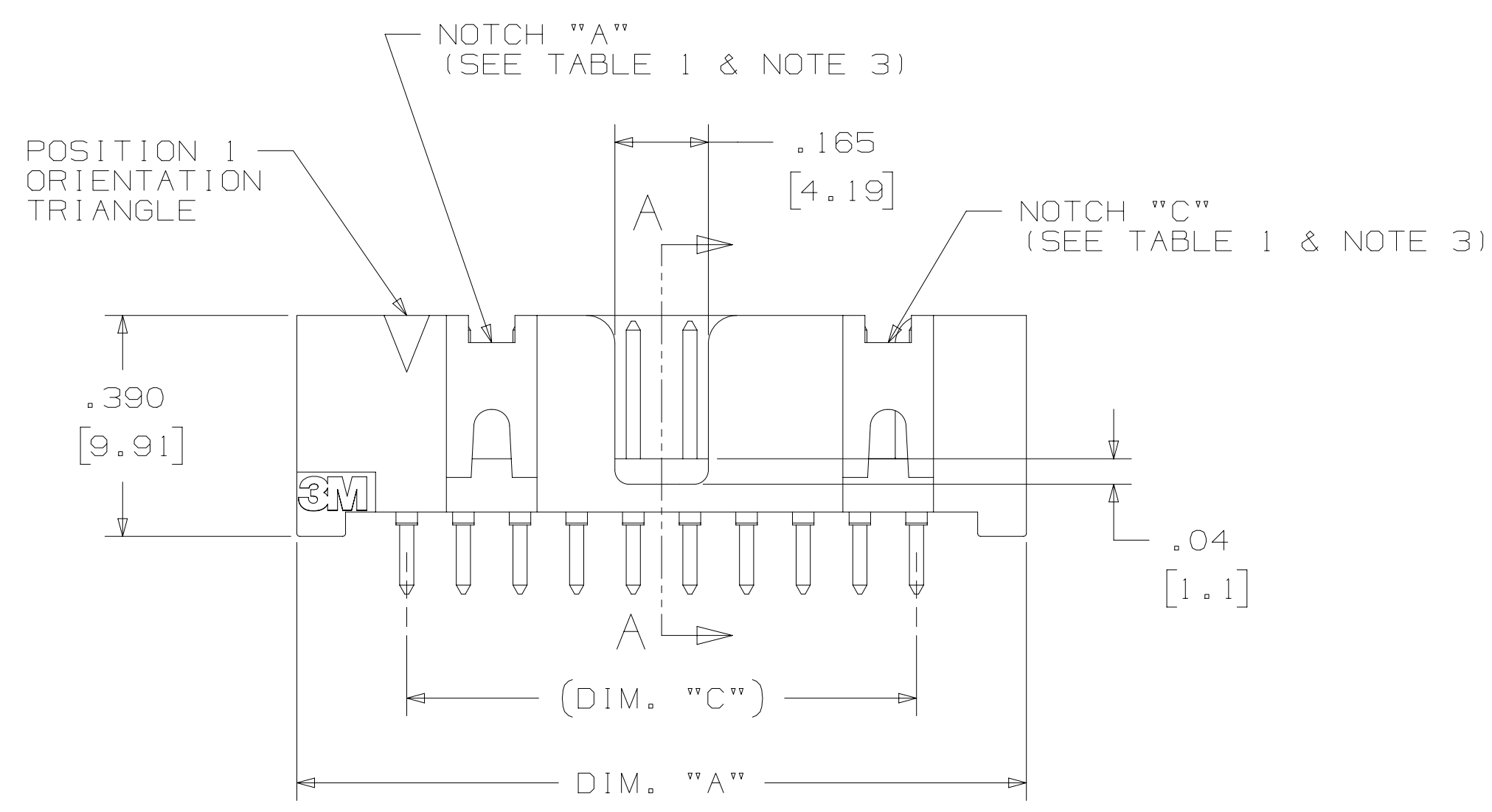
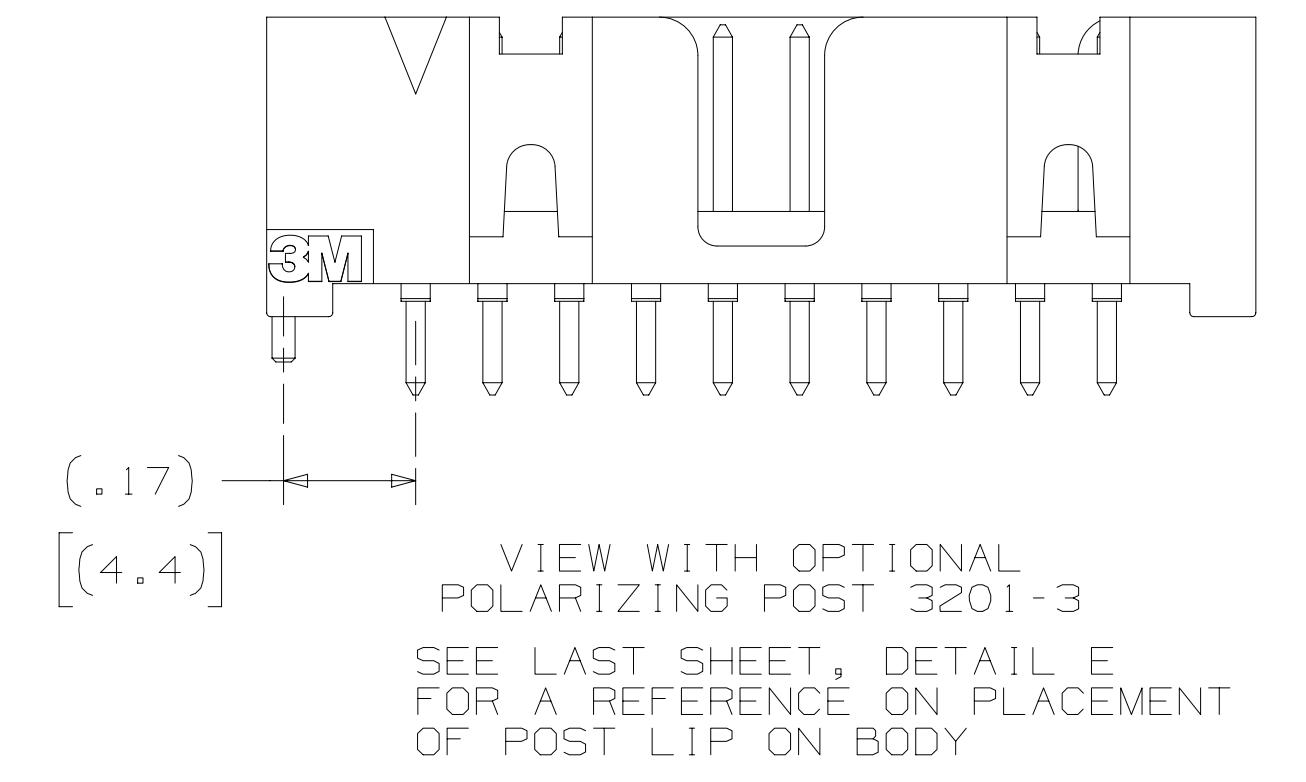
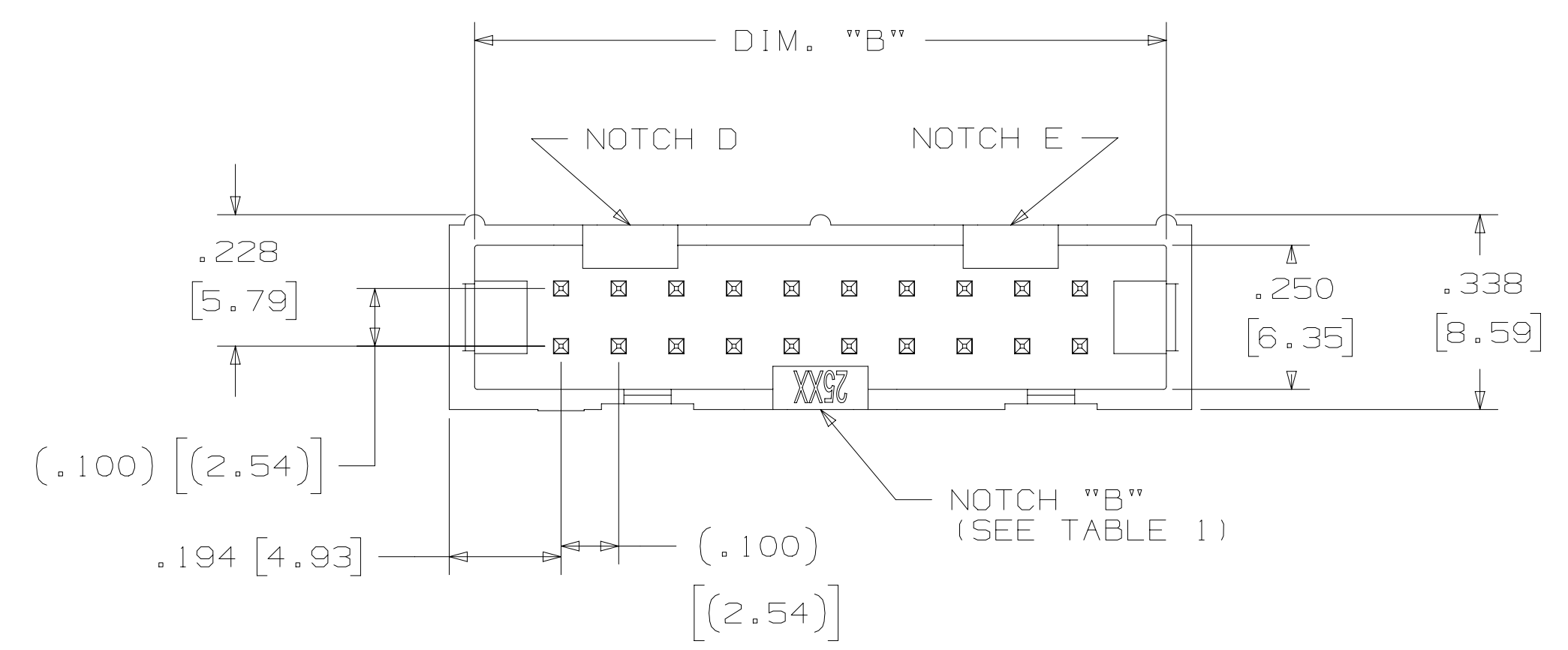
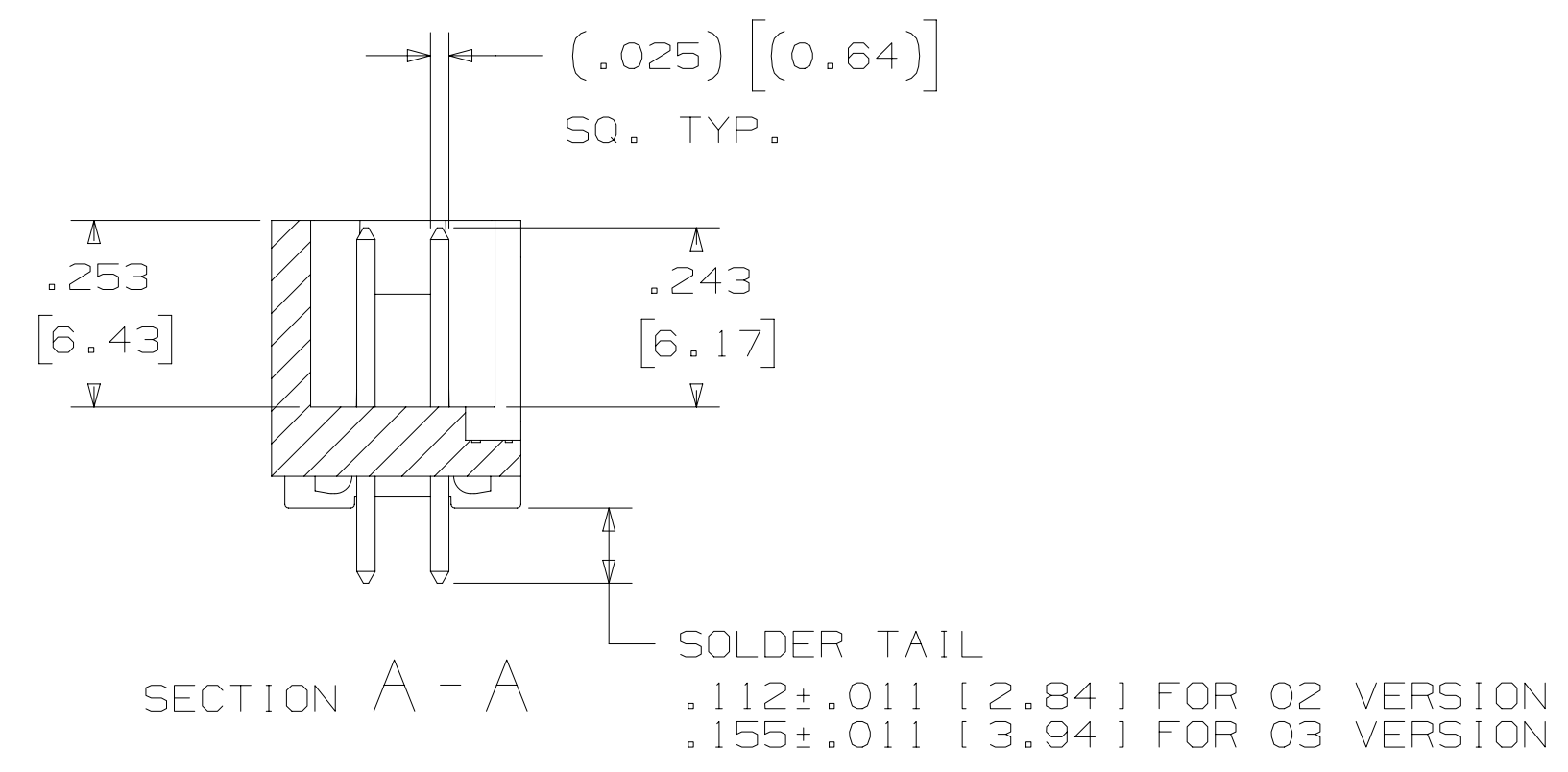
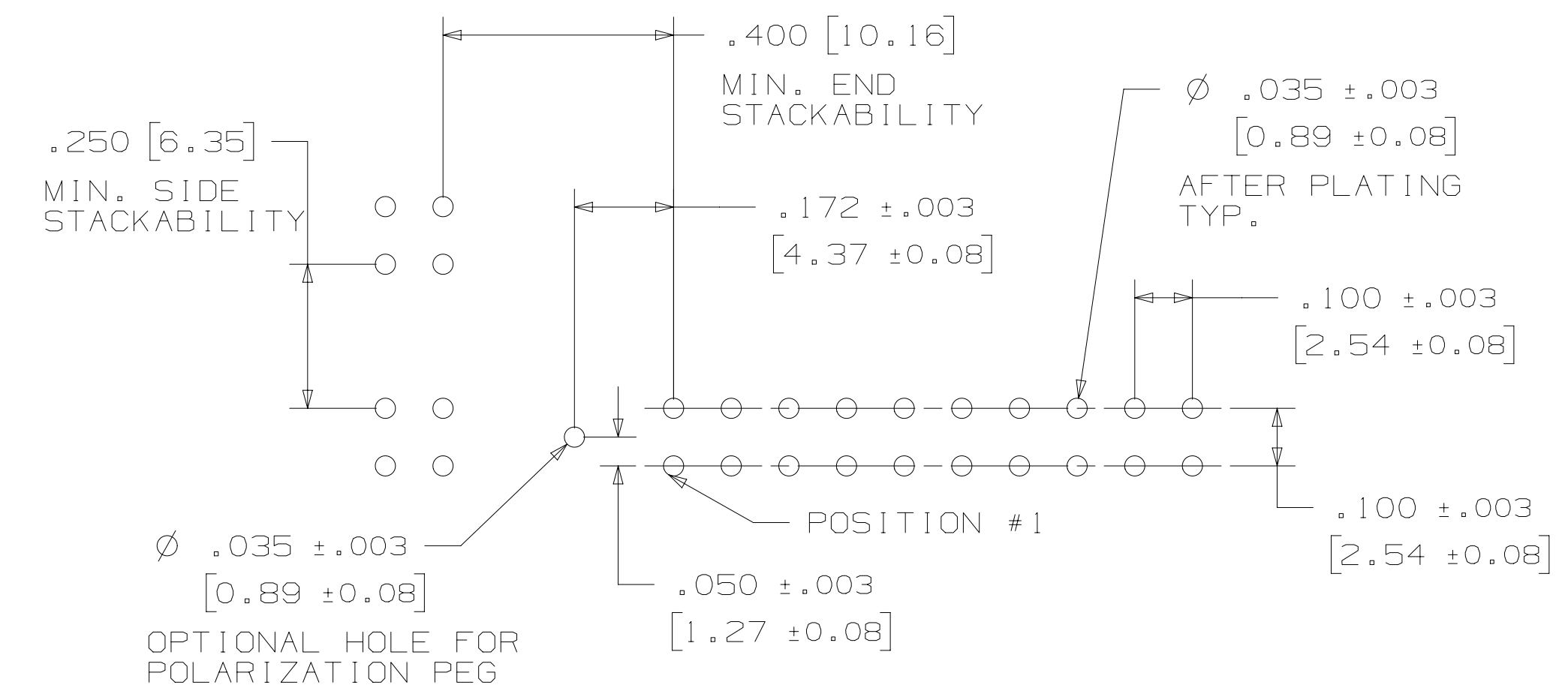


TABLE 1					
PIN QTY.	DIM. "A"	DIM. "B"	DIM. "C"	POLARIZING NOTCHES	PIN QTY.
06	.588 [14.94]	.508 [12.90]	.200 [5.08]	B	06
08	.688 [17.48]	.608 [15.44]	.300 [7.62]	B	08
10	.788 [20.02]	.708 [17.98]	.400 [10.16]	BC	10
14	.988 [25.10]	.908 [23.06]	.600 [15.24]	BCDE	14
16	1.088 [27.64]	1.008 [25.60]	.700 [17.78]	ABCDE	16
20	1.288 [32.72]	1.208 [30.68]	.900 [22.86]	ABCDE	20
24	1.488 [37.80]	1.408 [35.76]	1.100 [27.94]	ABCDE	24
26	1.588 [40.34]	1.508 [38.30]	1.200 [30.48]	ABCDE	26
30	1.788 [45.42]	1.708 [43.38]	1.400 [35.56]	ABCDE	30
34	1.988 [50.50]	1.908 [48.46]	1.600 [40.64]	ABCDE	34
36	2.088 [53.04]	2.008 [51.00]	1.700 [43.18]	ABCDE	36
40	2.288 [58.12]	2.208 [56.08]	1.900 [48.26]	ABCDE	40
50	2.788 [70.82]	2.708 [68.78]	2.400 [60.96]	ABCDE	50
60	3.288 [83.52]	3.208 [81.48]	2.900 [73.66]	ABCDE	60
64	3.488 [88.60]	3.408 [86.56]	3.100 [78.74]	ABCDE	64



ORDERING INFORMATION
 STRAIGHT VERSION

X25XX-60XX-XX

N = RB PLATING REQ'D
 D = AR PLATING REQ'D
 (O2 SOLDER TAIL ONLY)
 Y = SH PLATING REQ'D

PLATING:
 AR = 10µ" [0.25µm] GOLD AVG.
 50µ-150µ [1.27µm-3.81µm] NICKEL UNDERPLATE
 40µ-120µ" [1.02µm-3.05µm] MATTE TIN

RB = 30µ" [0.76µm] GOLD AVG.
 50µ-150µ [1.27µm-3.81µm] NICKEL UNDERPLATE
 25µ-200µ" [0.63µm-5.08µm] MATTE TIN

SH = GOLD FLASH
 50µ-80µ [1.27µm-2.03µm] NICKEL UNDERPLATE
 100µ-200µ" [2.54µm-5.08µm] MATTE TIN
 * SEE NOTE UNDER ENVIRONMENTAL

PIN QUANTITY:
 (SEE TABLE 1)

SOLDER TAIL:
 O2 = FOR .062 [1.57] THICK BOARD
 O3 = FOR .094 TO .125 [2.39 TO 3.18]
 THICK BOARD (SOLDER TAIL LENGTH ONLY
 AVAILABLE ON N25XX-60XX-RB)

RECOMMENDED HOLE PATTERN
 SHOWN FROM COMPONENT SIDE

REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
T	117547	JUL 25, 2024 ADD SH PLATING FOR RA & STRAIGHT CONN	JNC	FJR
S	0100884	NOV 03, 2021 CHANGED LATCH AND P/N	LDS	FJR
R	97909	JUN 22, 2021 REVISED ORDERING INFO	JNC	SAN
P	89702	JUL 08, 2020 REVISE DRAWING PER NEW HEADER MODEL	JNC	SN
N	68908	AUG 02, 2016 REVISE DIM ON SHT2 & CLIP CHART ON SHT5	JNC	SC
M	56068	AUG 11, 2014 REVISED AND REDRAWN	JNC	RS

DESIGN REFERENCE	NEXT ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
ACCESS CODES		DRFT	CASTIGLIONE	DATE	AUG 11, 2014	MFG
		CHKD		DATE		
DIVISION	Interconnect Solutions	DIVISION CODE	EMSD	© 3M COPYRIGHT 2025 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	TOLERANCES EXCEPT AS NOTED	3M Center St. Paul, MN 55144			
THIRD ANGLE PROJECTION	INTERPRET PER ASME Y14.5 - 2018	TOLERANCES	INCHES .00 ±.01 .000 ±.005 .0000 ±.0002			
MAX SURFACE ROUGHNESS	ALL SURFACES	TOLERANCES	MILLIMETERS .0 ±.005 .000 ±.0002			
MARKED ONLY	ANGLES		TITLE HEADER, 4-WALL, LO-PRO, .100 X .100, SMT, STRAIGHT & RA			
			CAGE NUMBER	SIZE	DRAWING NO.	REV.
			D		78-5100-0770-7	T
			MODEL	2500	DET	LISTS <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO SHT 2 OF 6

78-5100-0770-7
 DRAWING NUMBER

REVISION

3M™ FOUR-WALL HEADER, 2500 SERIES
 .100" X .100" LOW PROFILE, SURFACE MOUNT, STRAIGHT AND RIGHT ANGLE THROUGH-HOLE

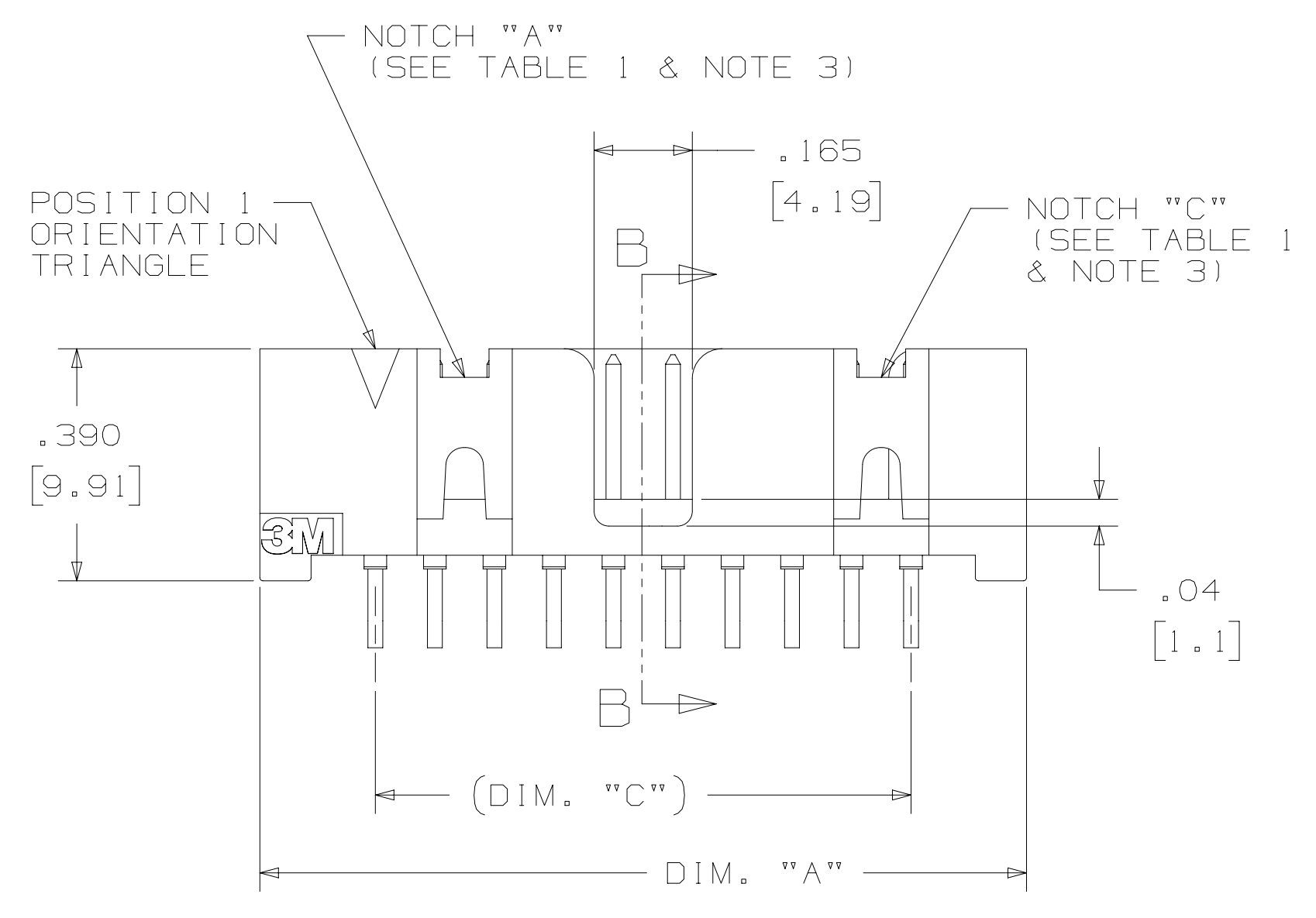
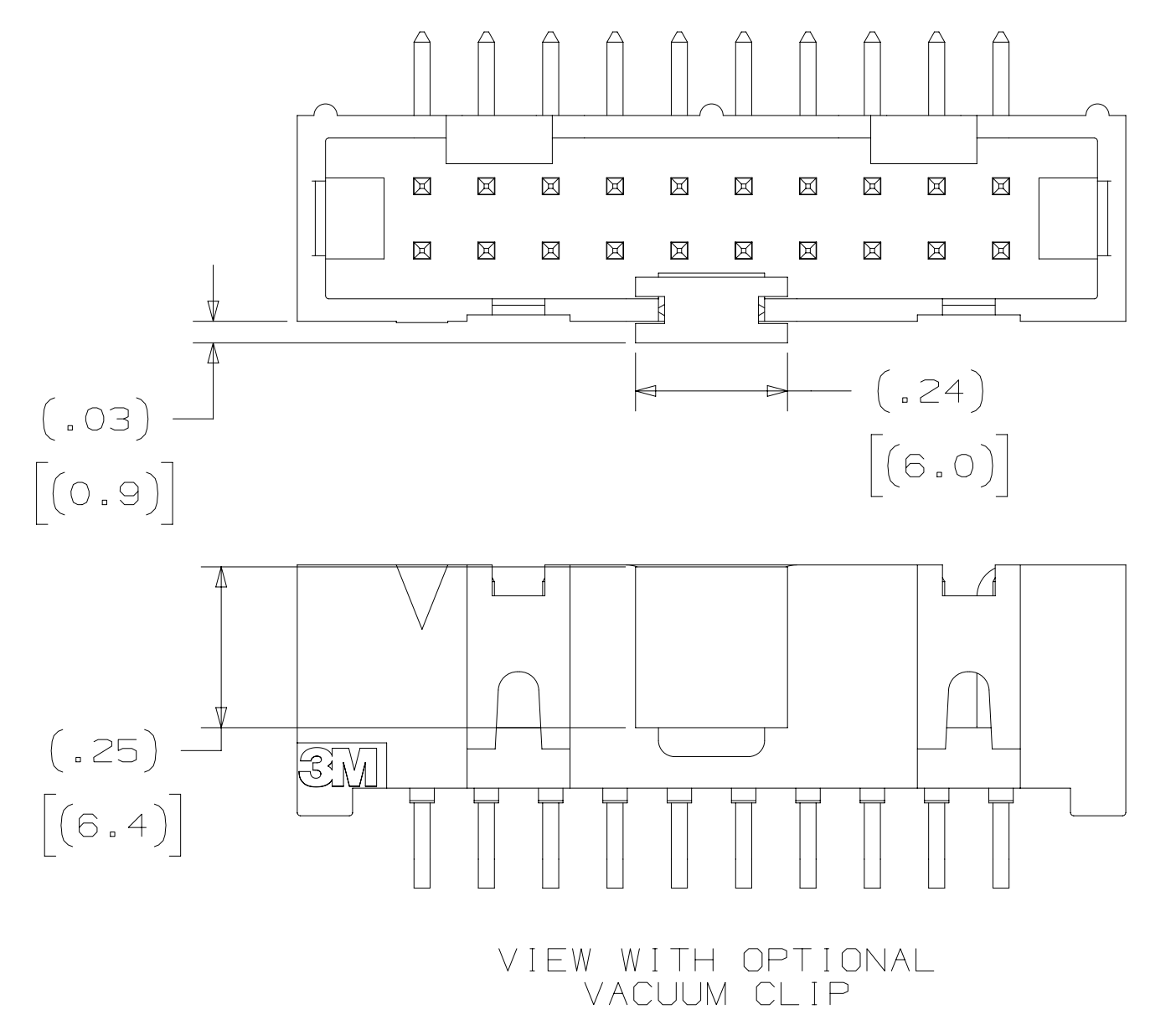
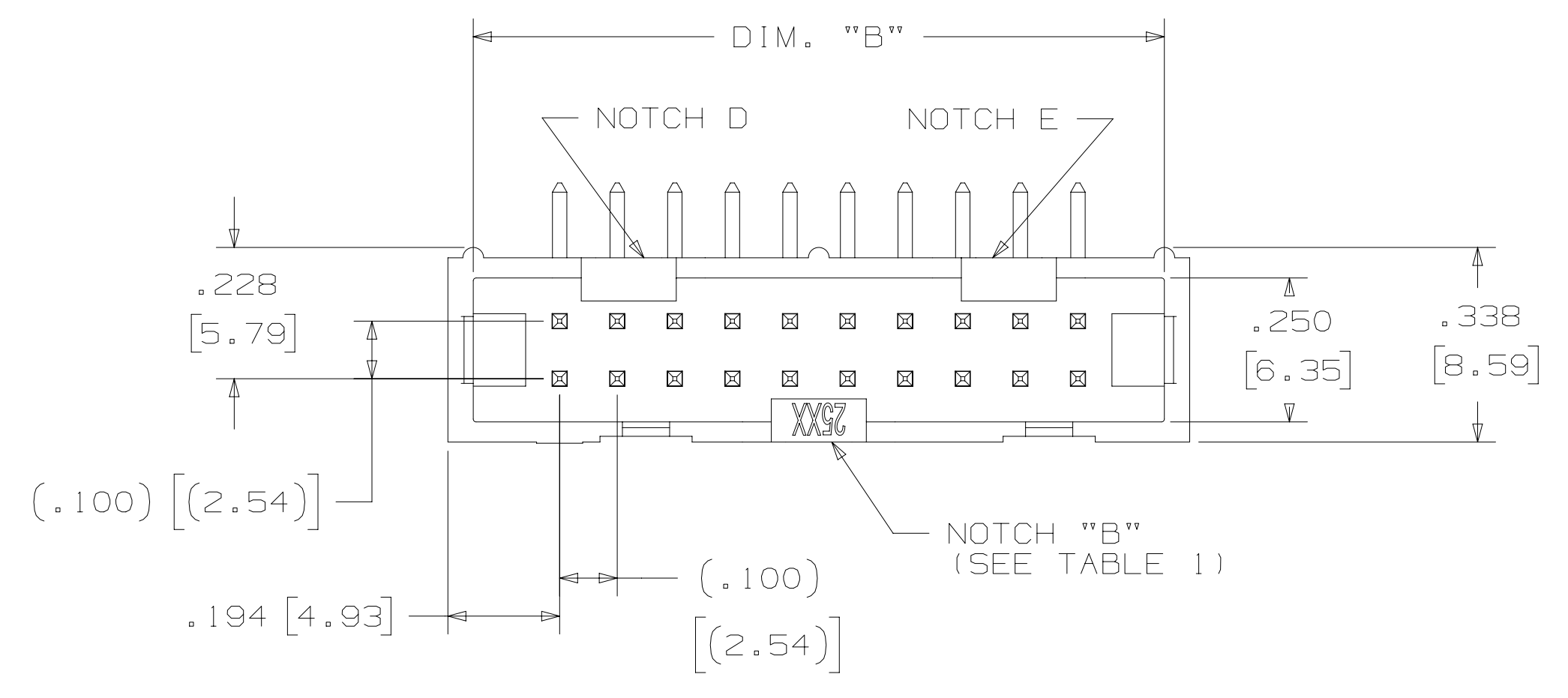
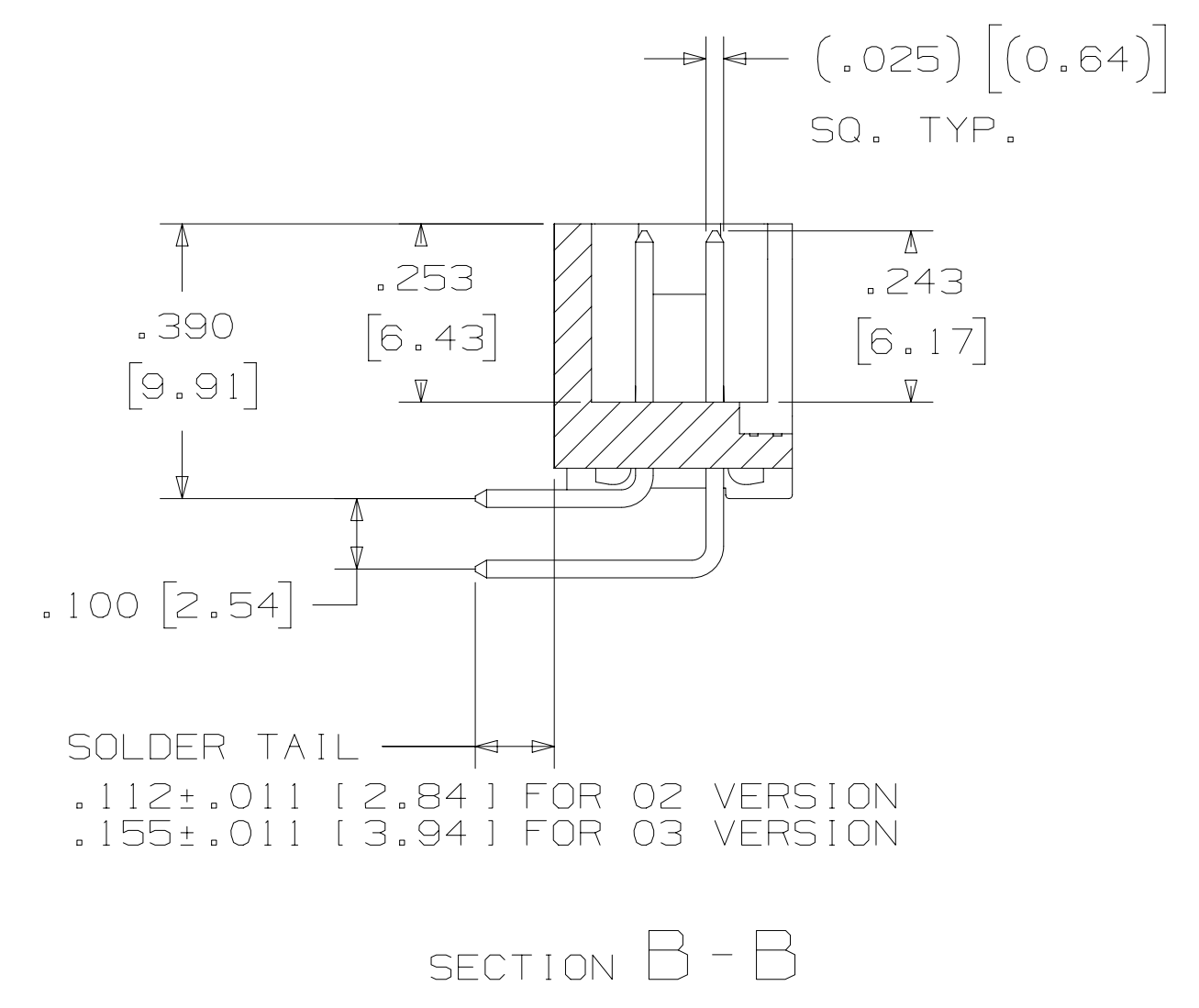
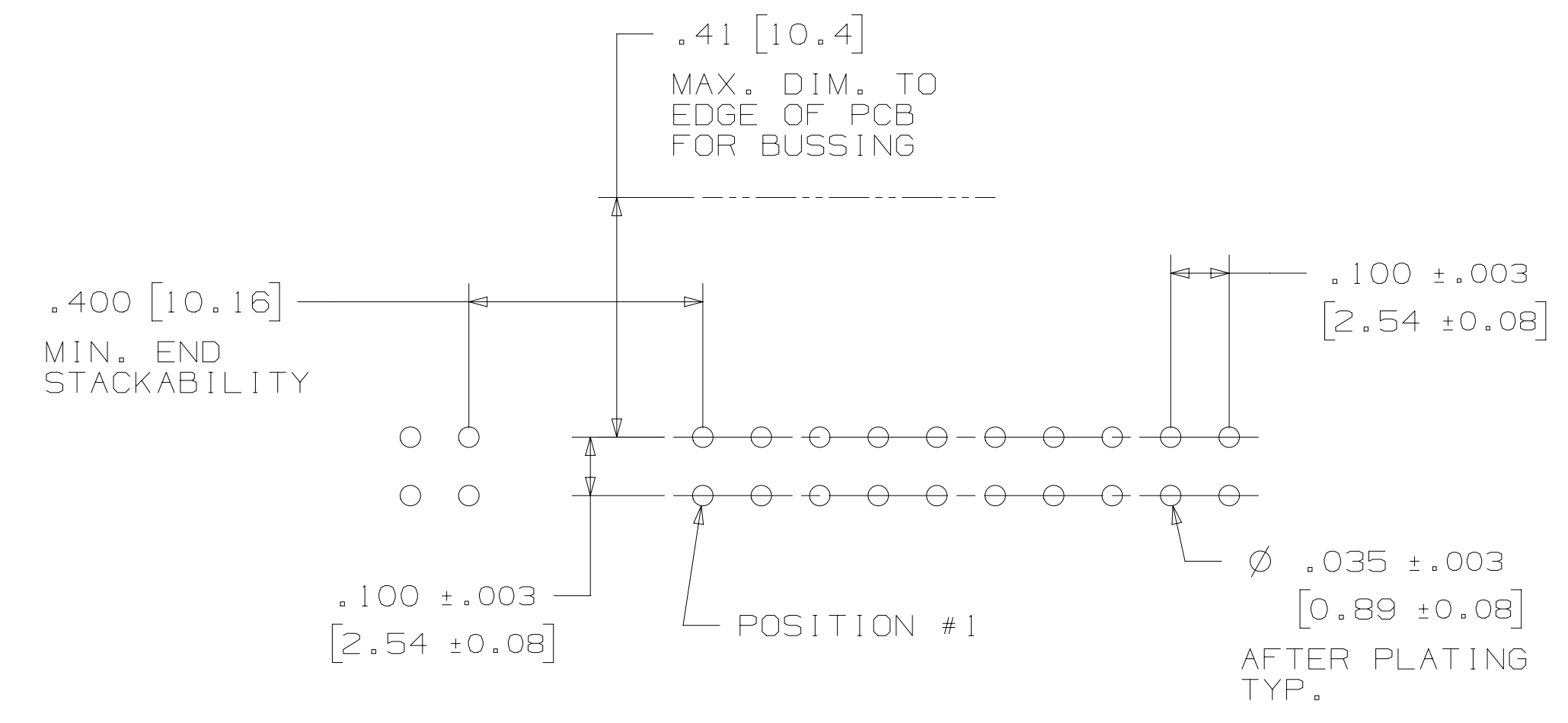


TABLE 1					
PIN QTY.	DIM. "A"	DIM. "B"	DIM. "C"	POLARIZING NOTCHES	PIN QTY.
06	.588 [14.94]	.508 [12.90]	.200 [5.08]	B	06
08	.688 [17.48]	.608 [15.44]	.300 [7.62]	B	08
10	.788 [20.02]	.708 [17.98]	.400 [10.16]	BC	10
14	.988 [25.10]	.908 [23.06]	.600 [15.24]	BCDE	14
16	1.088 [27.64]	1.008 [25.60]	.700 [17.78]	ABCDE	16
20	1.288 [32.72]	1.208 [30.68]	.900 [22.86]	ABCDE	20
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26	1.588 [40.34]	1.508 [38.30]	1.200 [30.48]	ABCDE	26
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34	1.988 [50.50]	1.908 [48.46]	1.600 [40.64]	ABCDE	34
36	2.088 [53.04]	2.008 [51.00]	1.700 [43.18]	ABCDE	36
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50	2.788 [70.82]	2.708 [68.78]	2.400 [60.96]	ABCDE	50
60	3.288 [83.52]	3.208 [81.48]	2.900 [73.66]	ABCDE	60
64	3.488 [88.60]	3.408 [86.56]	3.100 [78.74]	ABCDE	64



ORDERING INFORMATION
 RIGHT ANGLE VERSION

X25XX-50XX-XX

N = RB PLATING REQ'D
 D = AR PLATING REQ'D
 (O2 SOLDER TAIL ONLY)
 Y = SH PLATING REQ'D

PIN QUANTITY:
 (SEE TABLE 1)

PLATING:
 AR = 10µ" [0.25µm] GOLD AVG.
 50µ-150µ [1.27µm-3.81µm] NICKEL UNDERPLATE
 40µ-120µ" [1.02µm-3.05µm] MATTE TIN

RB = 30µ" [0.76µm] GOLD AVG.
 50µ-150µ [1.27µm-3.81µm] NICKEL UNDERPLATE
 25µ-200µ" [0.63µm-5.08µm] MATTE TIN

SH = GOLD FLASH
 50µ-80µ [1.27µm-2.03µm] NICKEL UNDERPLATE
 100µ-200µ" [2.54µm-5.08µm] MATTE TIN
 * SEE NOTE UNDER ENVIRONMENTAL

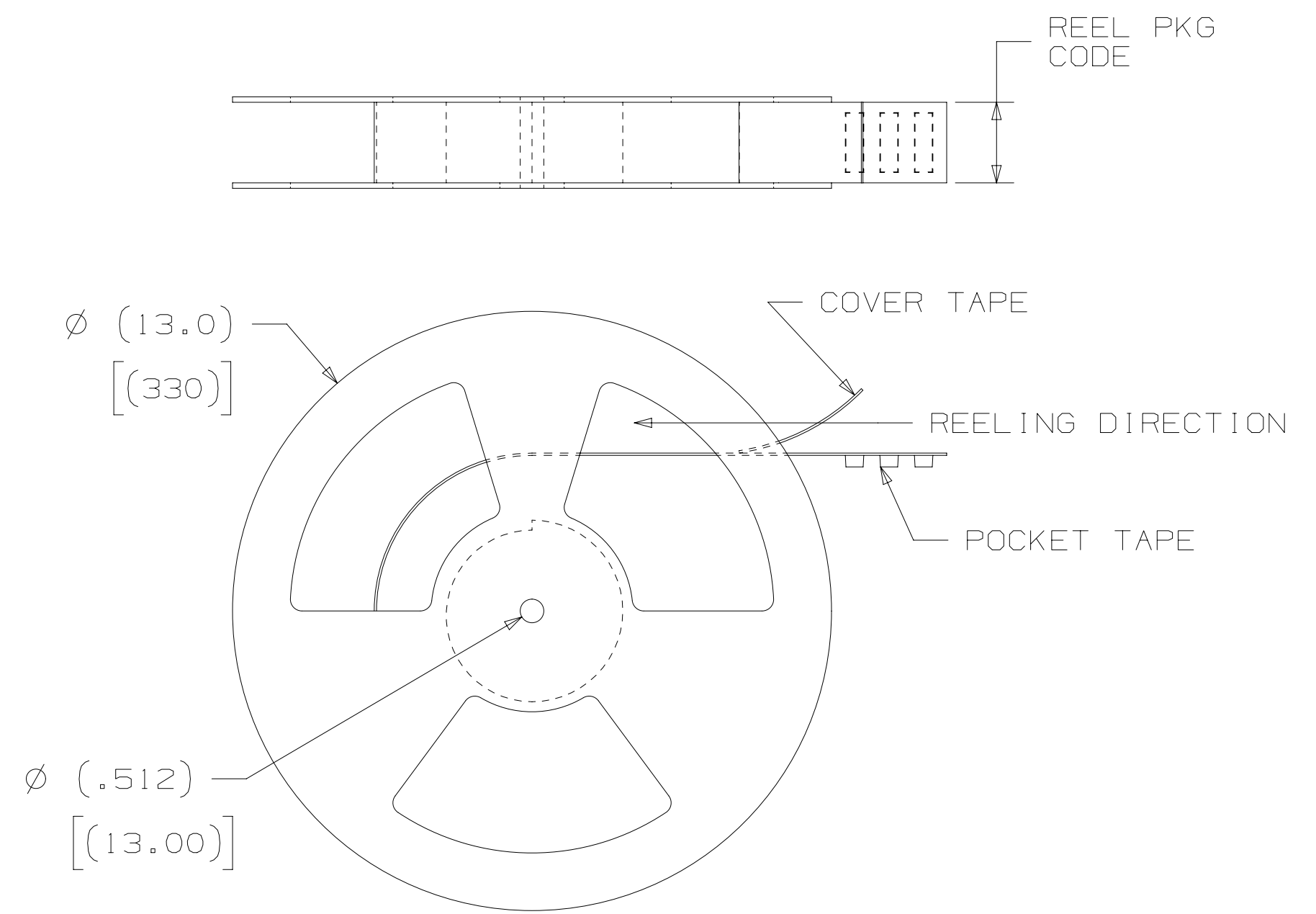
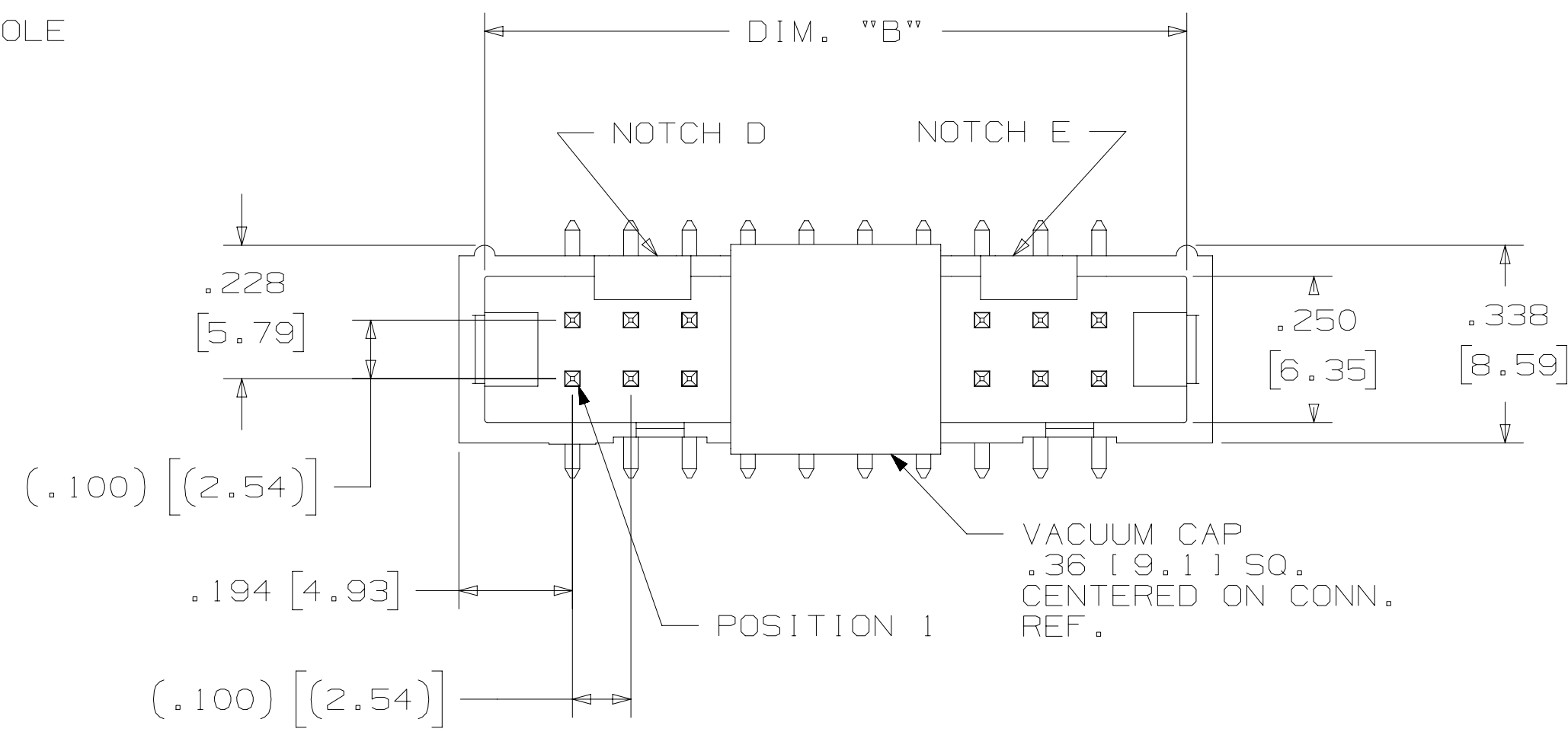
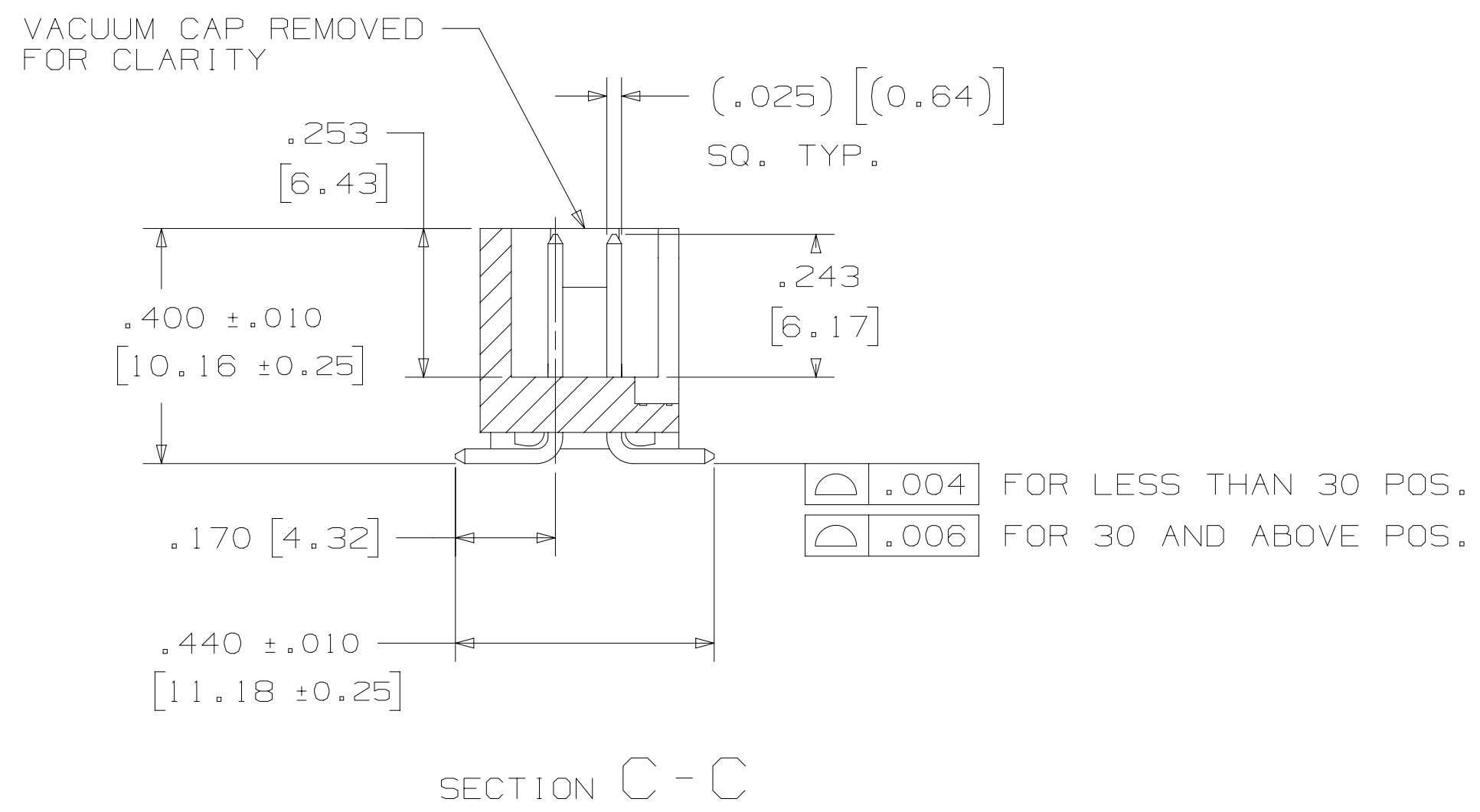
SOLDER TAIL:
 O2 = FOR .062 [1.57] THICK BOARD
 O3 = FOR .094 TO .125 [2.39 TO 3.18]
 THICK BOARD (SOLDER TAIL LENGTH ONLY
 AVAILABLE ON N25XX-50XX-RB)

RECOMMENDED HOLE PATTERN
 SHOWN FROM COMPONENT SIDE

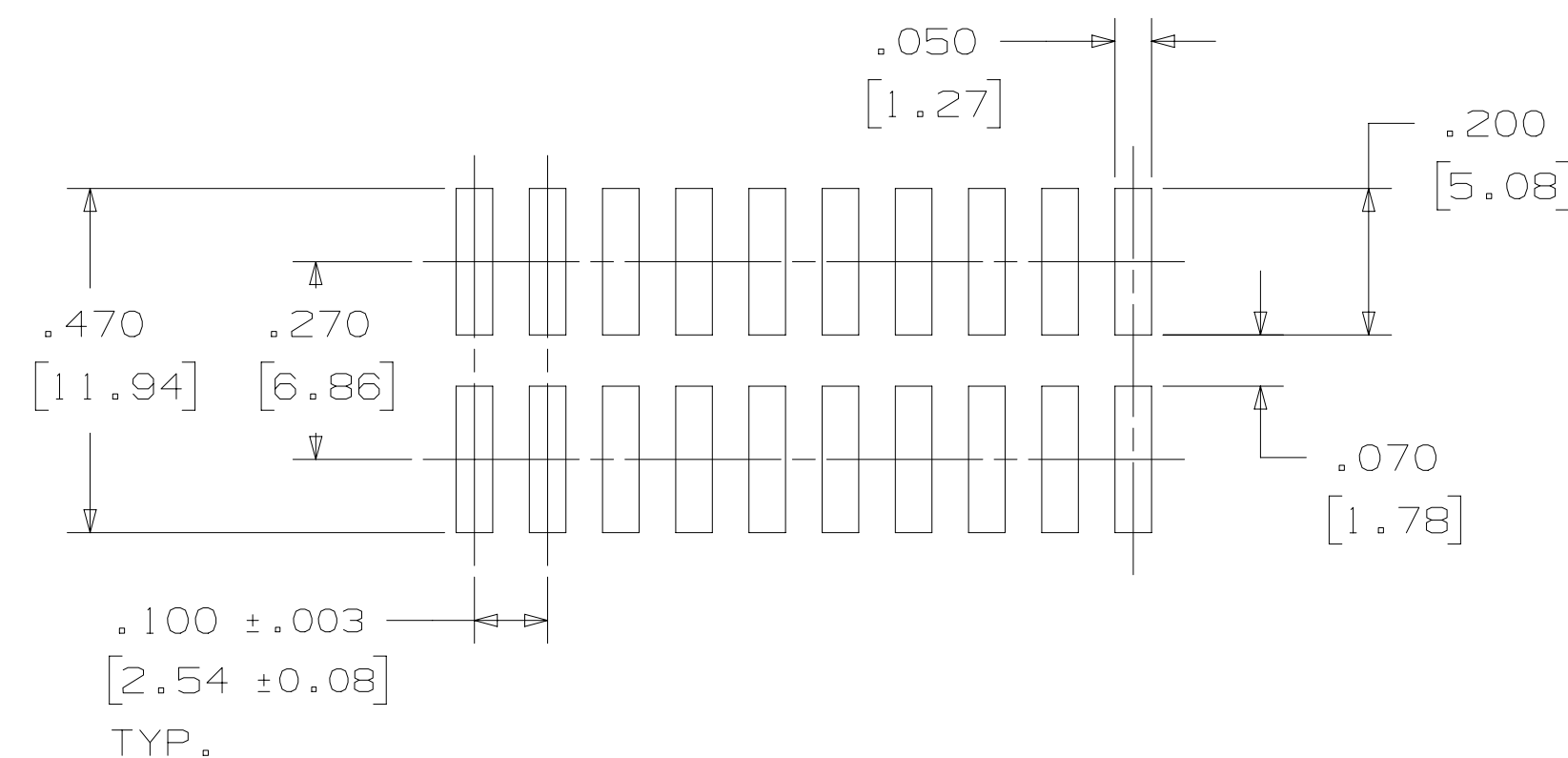
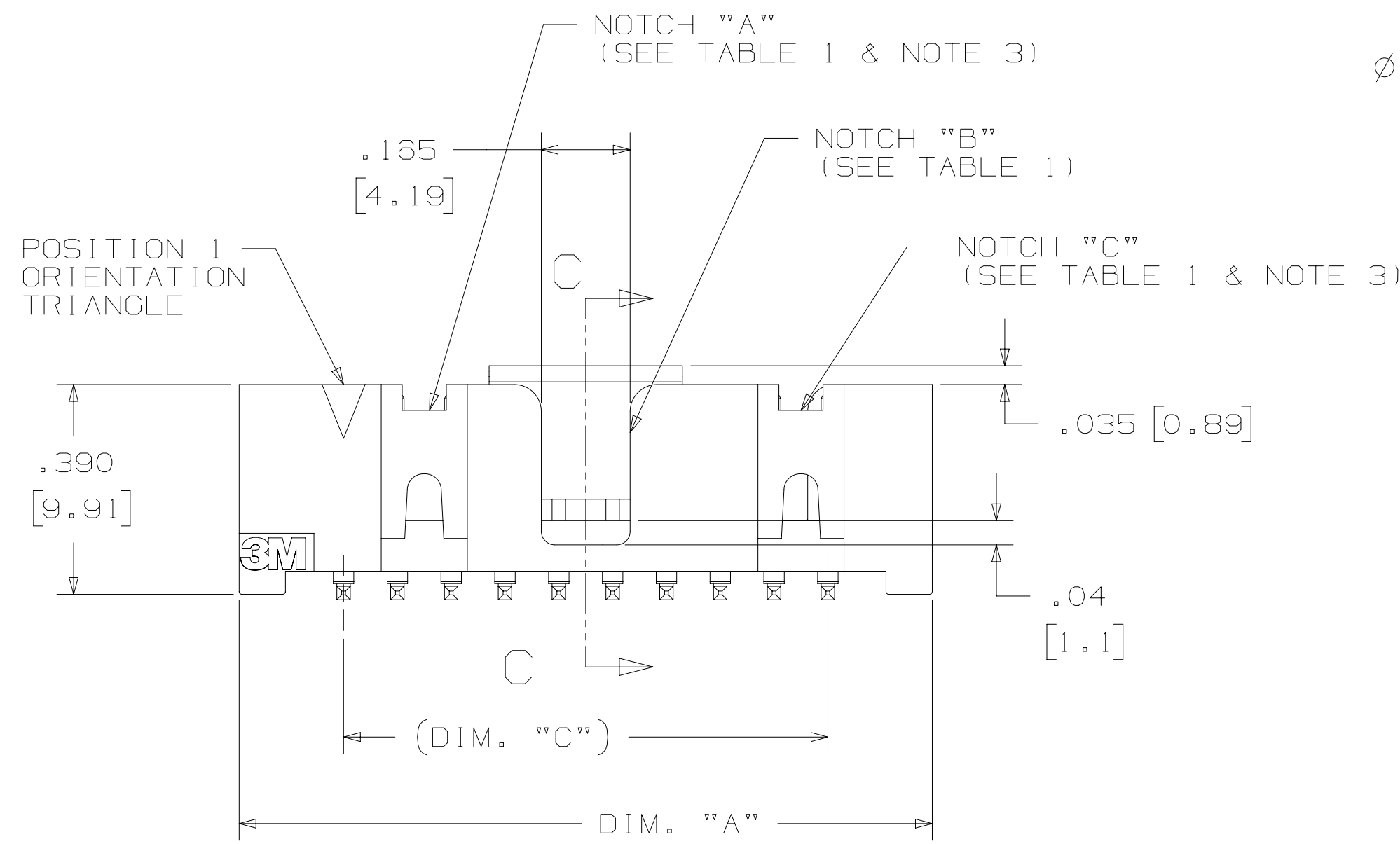
REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
T	117547	JUL 25, 2024 ADD SH PLATING FOR RA & STRAIGHT CONN	JNC	FJR
S	0100884	NOV 03, 2021 CHANGED LATCH AND P/N	LDS	FJR
R	97909	JUN 22, 2021 REVISED ORDERING INFO	JNC	SAN
P	89702	JUL 08, 2020 REVISE DRAWING PER NEW HEADER MODEL	JNC	SN
N	68908	AUG 02, 2016 REVISE DIM ON SHT2 & CLIP CHART ON SHT5	JNC	SC
M	56068	AUG 11, 2014 REVISED AND REDRAWN	JNC	RS

DESIGN REFERENCE	NEXT ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
ACCESS CODES		DRFT	CASTIGLIONE	DATE	AUG 11, 2014	MFG
		CHKD		DATE		
		APPV	R. SCHERER	DATE	SEP 05, 2014	
DIVISION	Interconnect Solutions	DIVISION CODE	EMSD	© 3M COPYRIGHT 2025 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	TOLERANCES EXCEPT AS NOTED		INCHES .00 ±.01 .000 ±.005 .0000 ±.0002		
THIRD ANGLE PROJECTION		MILLIMETERS		0 ± .00 ± .000 ±		
MAX SURFACE ROUGHNESS	ALL SURFACES	INTERPRET PER ASME Y14.5 - 2018		.00 ± .000 ±		
MARKED ONLY	ANGLES			.00 ± .000 ±		
CAGE NUMBER		SIZE	DRAWING NO.	REV.		
D			78-5100-0770-7	T		
MODEL		2500	DET	IS1s	YES	NO
			SHT	3	OF 6	

3M™ FOUR-WALL HEADER, 2500 SERIES
 .100" X .100" LOW PROFILE, SURFACE MOUNT, STRAIGHT AND RIGHT ANGLE THROUGH-HOLE



PIN QTY.	DIM. "A"	DIM. "B"	DIM. "C"	POLARIZING NOTCHES	TAPE AND REEL PKG CODE	PIN QTY.
06	.588 [14.94]	.508 [12.90]	.200 [5.08]	B	WD (44 MM)	06
08	.688 [17.48]	.608 [15.44]	.300 [7.62]	B	WD (44 MM)	08
10	.788 [20.02]	.708 [17.98]	.400 [10.16]	BC	WD (44 MM)	10
14	.988 [25.10]	.908 [23.06]	.600 [15.24]	BCDE	WD (44 MM)	14
16	1.088 [27.64]	1.008 [25.60]	.700 [17.78]	ABCDE	WD (44 MM)	16
20	1.288 [32.72]	1.208 [30.68]	.900 [22.86]	ABCDE	WE (56 MM)	20
24	1.488 [37.80]	1.408 [35.76]	1.100 [27.94]	ABCDE	WE (56 MM)	24
26	1.588 [40.34]	1.508 [38.30]	1.200 [30.48]	ABCDE	WE (56 MM)	26
30	1.788 [45.42]	1.708 [43.38]	1.400 [35.56]	ABCDE	WF (72 MM)	30
34	1.988 [50.50]	1.908 [48.46]	1.600 [40.64]	ABCDE	WF (72 MM)	34
36	2.088 [53.04]	2.008 [51.00]	1.700 [43.18]	ABCDE	WG (88 MM)	36
40	2.288 [58.12]	2.208 [56.08]	1.900 [48.26]	ABCDE	WG (88 MM)	40
50	2.788 [70.82]	2.708 [68.78]	2.400 [60.96]	ABCDE	WG (88 MM)	50
60	3.288 [83.52]	3.208 [81.48]	2.900 [73.66]	ABCDE	WH (120 MM)	60
64	3.488 [88.60]	3.408 [86.56]	3.100 [78.74]	ABCDE	WH (120 MM)	64



ORDERING INFORMATION
 SURFACE MOUNT VERSION

X25XX-6VOC-XX-XX

N = RB PLATING REQ'D
 D = AR PLATING REQ'D

PIN QUANTITY:
 (SEE TABLE 1)

PACKAGING OPTIONS:
 WX = TAPE & REEL PACKAGING (SEE TABLE 1)

PLATING:
 AR = 10µ" [0.25µm] GOLD AVG.
 50µ-150µ [1.27µm-3.81µm] NICKEL UNDERPLATE
 40µ-120µ" [1.02µm-3.05µm] MATTE TIN

RB = 30µ" [0.76µm] GOLD AVG.
 50µ-150µ [1.27µm-3.81µm] NICKEL UNDERPLATE
 25µ-200µ" [0.63µm-5.08µm] MATTE TIN

RECOMMENDED PAD LAYOUT

REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
T	117547	JUL 25, 2024 ADD SH PLATING FOR RA & STRAIGHT CONN	JNC	FJR
S	0100884	NOV 03, 2021 CHANGED LATCH AND P/N	LDS	FJR
R	97909	JUN 22, 2021 REVISED ORDERING INFO	JNC	SAN
P	89702	JUL 08, 2020 REVISE DRAWING PER NEW HEADER MODEL	JNC	SN
N	68908	AUG 02, 2016 REVISE DIM ON SHT2 & CLIP CHART ON SHT5	JNC	SC
M	56068	AUG 11, 2014 REVISED AND REDRAWN	JNC	RS

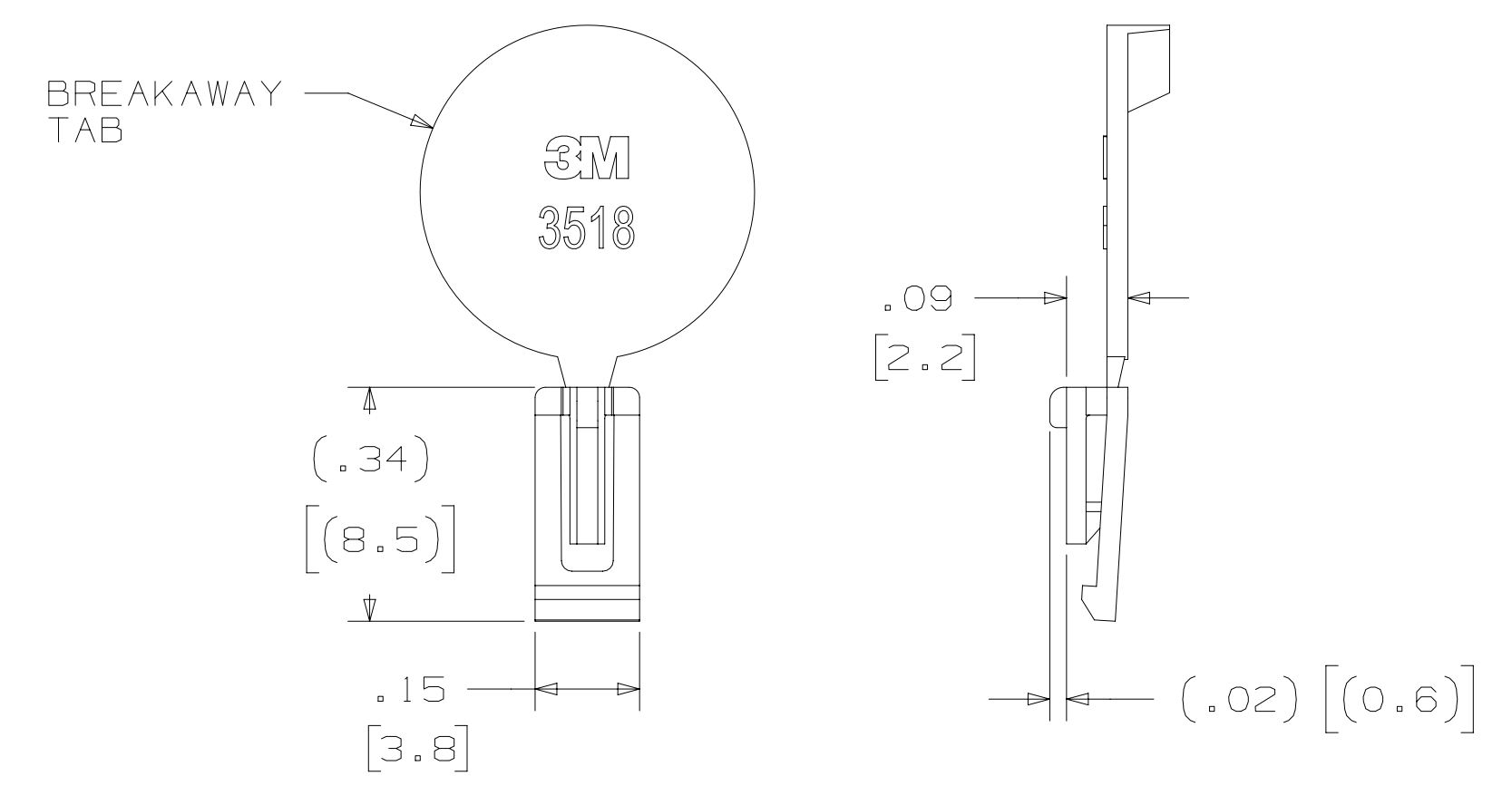
DESIGN REFERENCE	NEXT ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
		DRFT	CASTIGLIONE	DATE	AUG 11, 2014	MFG
		CHKD		DATE		
		APPV	R. SCHERER	DATE	05, 2014	
DIVISION	Interconnect Solutions	DIVISION CODE	EMSD	© 3M COPYRIGHT 2025 This document and the information it contains are 3M property and 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	TOLERANCES EXCEPT AS NOTED	INCHES .00 ± .01 .000 ± .005 .0000 ± .0002			
THIRD ANGLE PROJECTION	INTERPRET PER ASME Y14.5 - 2018	MILLIMETERS	0 ± .00 ± .000 ±			
MAX SURFACE ROUGHNESS	ALL SURFACES	MARKED ONLY	ANGLE ±			
CAGE NUMBER	SIZE	DRAWING NO.	REV.	MODEL 2500 DET 1515 <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO SHT 4 OF 6		

3M™ FOUR-WALL HEADER, 2500 SERIES
 .100" X .100" LOW PROFILE, SURFACE MOUNT, STRAIGHT AND RIGHT ANGLE THROUGH-HOLE

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.
 * SELECTIVE PIN REMOVAL (FOR BOARD ASSEMBLY POLARIZATION).
 * DIFFERENT PIN LENGTHS.

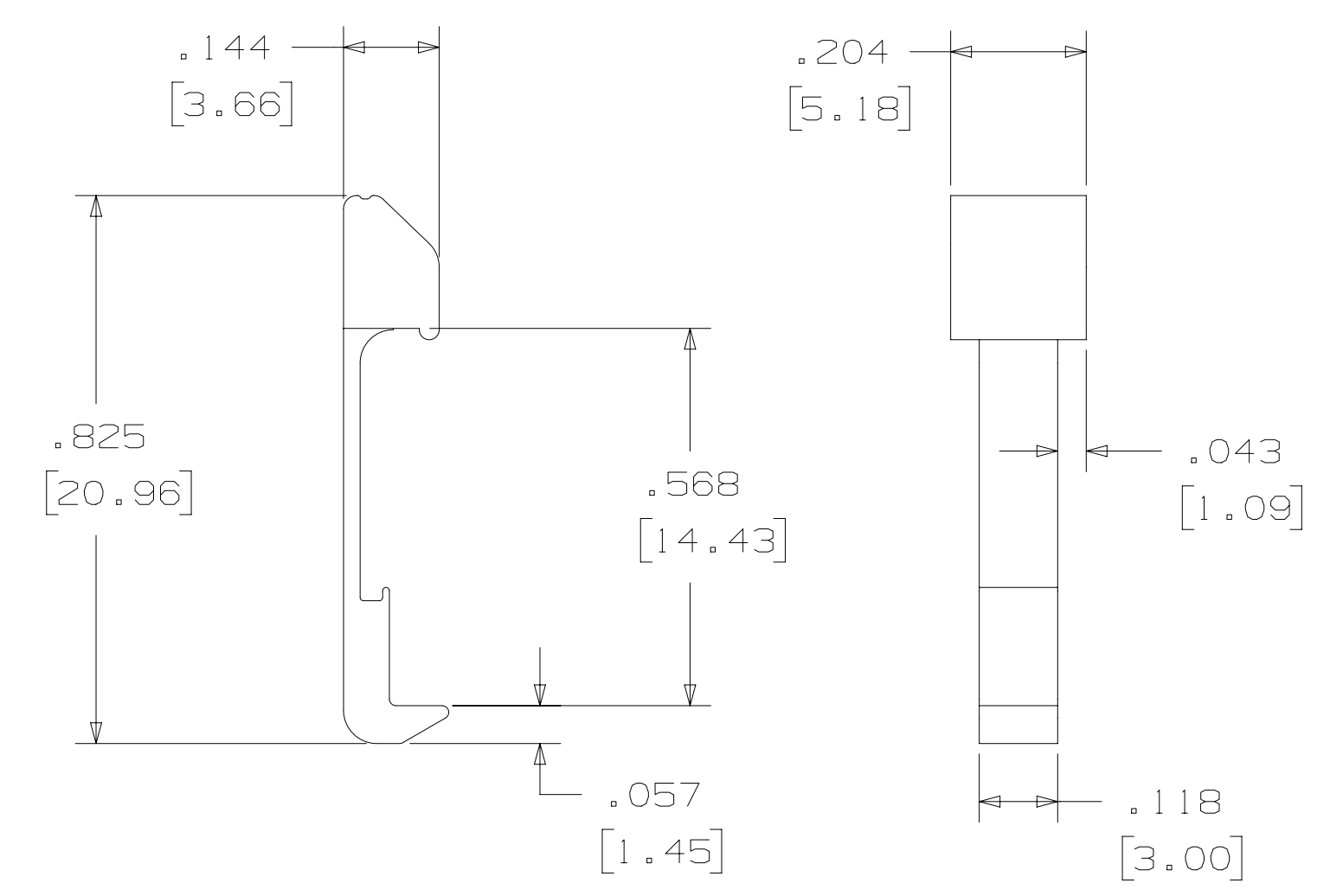
POLARIZING KEY



3M PART NO.	MATERIAL	COLOR
N3518	LCP	BLACK
3518	PBT	GRAY

NOTE:
 1) #2216 B/A SCOTCHWELD CAN BE USED TO ADHERE KEYS.
 2) SEE INSTRUCTION SHEET 78-9100-7795-3 FOR ASSEMBLY.

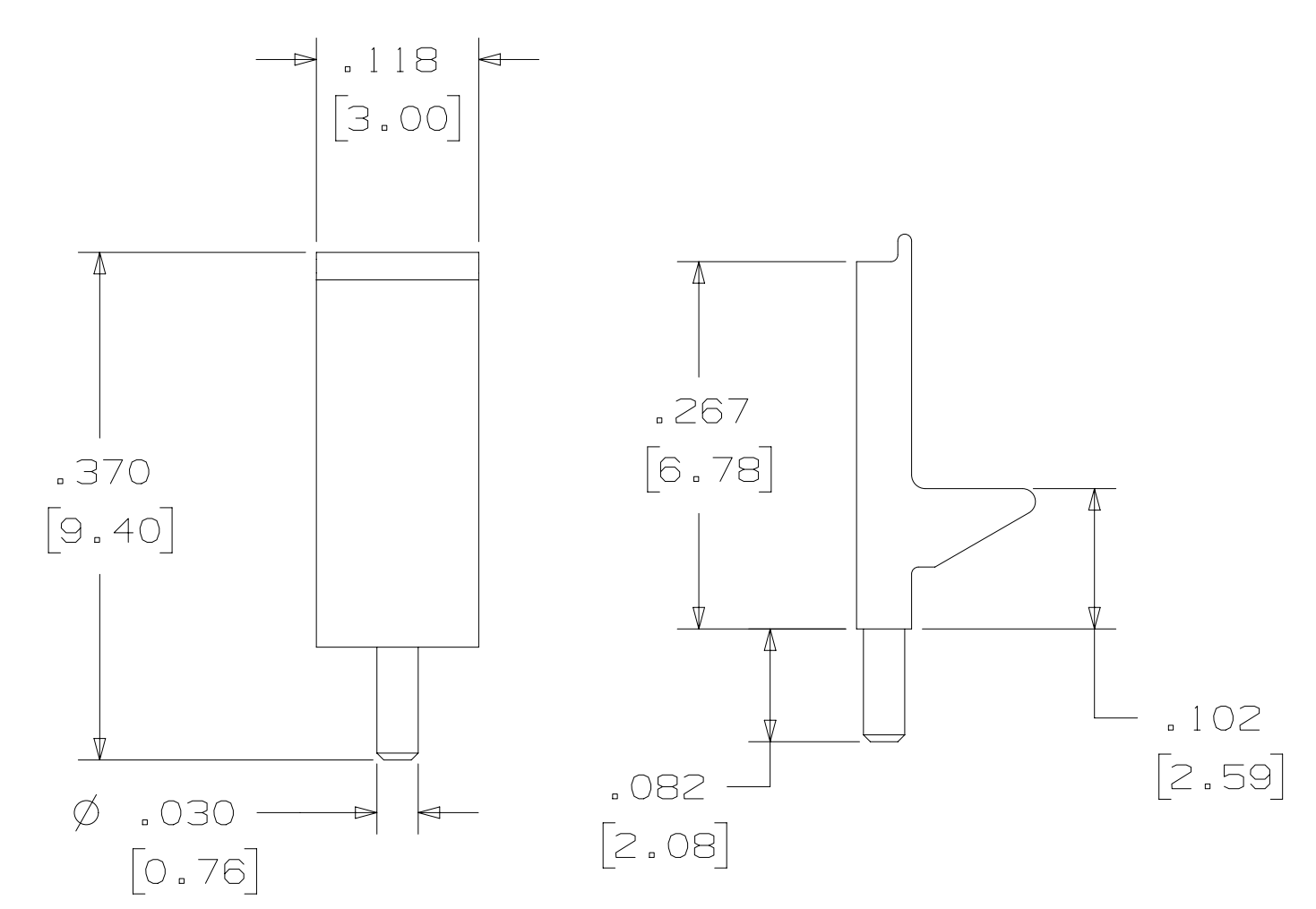
LOW PROFILE LATCH



PART NO.	MATERIAL	COLOR
3505-33C	NYLON	BLACK

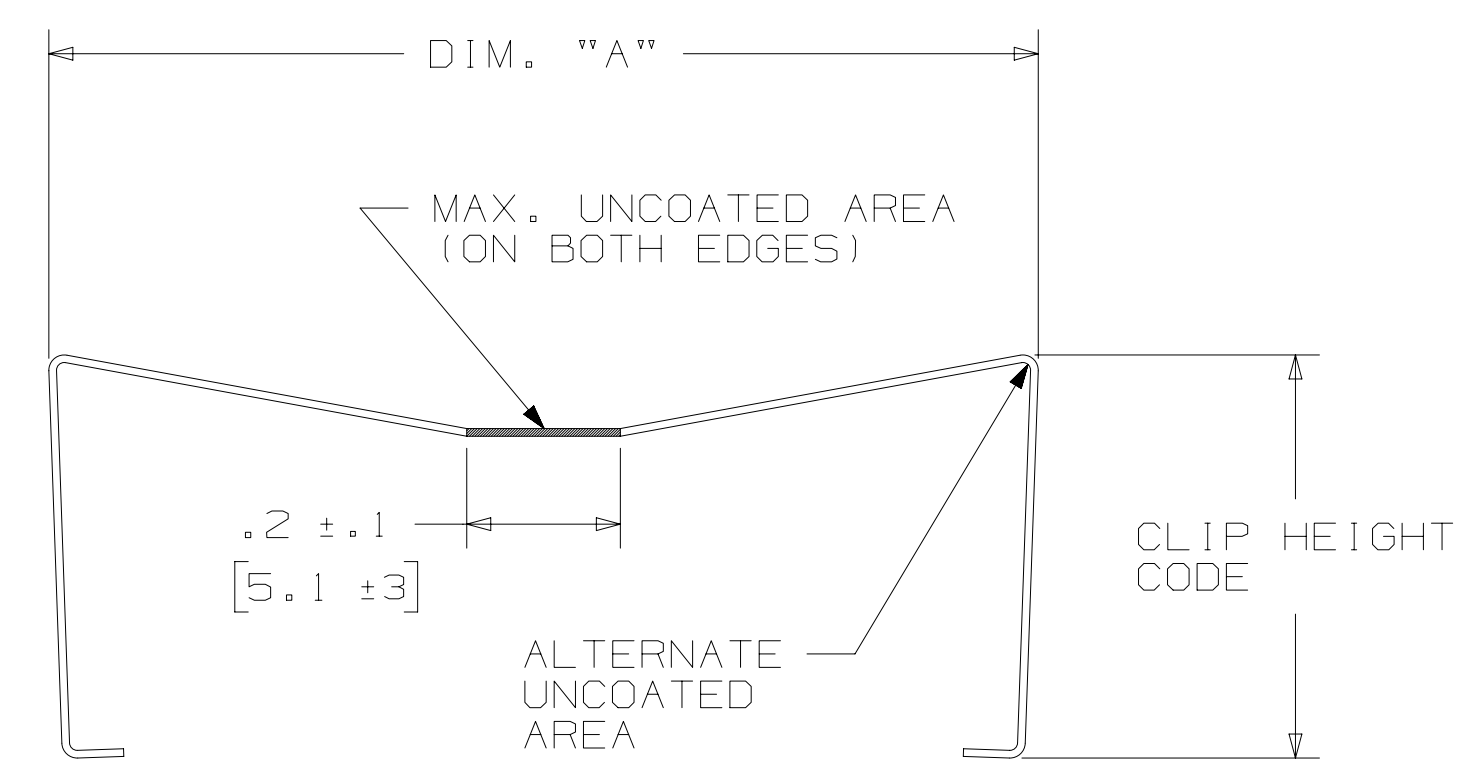
NOTE:
 1. LATCHES NOT COMPATIBLE WITH REFLOW SOLDERING. ATTACH LATCHES AFTER SOLDERING.
 2. LATCHES ARE MEANT FOR RETENTION ONLY.
 3. SEE LAST SHEET FOR ASSEMBLY.

POLARIZING POST



PART NO.	MATERIAL	COLOR
3201-3	PCT	BLACK

SHORT/LONG SOCKET RETAINER CLIP



PIN QTY.	DIM. "A"
06	N/A
08	N/A
10	.81 [20.6]
14	1.02 [25.9]
16	1.12 [28.4]
20	1.32 [33.5]
24	1.52 [38.7]
26	1.63 [41.4]
30	1.83 [46.4]
34	2.03 [51.6]
36	N/A
40	2.33 [59.2]
50	2.83 [71.9]
60	3.33 [84.6]
64	3.53 [89.7]

NOTE:
 STAINLESS STEEL WITH GRAY POLYURETHANE COATING.

3505-8XXX

CLIP HEIGHT CODE ——— PIN COUNT (SEE TABLE)
 0 = .31 [7.9] FOR SOCKETS WITHOUT STRAIN RELIEF
 1 = .53 [13.5] FOR SOCKETS WITH STRAIN RELIEF

NOTE:
 1) THE FOLLOWING RETAINER CLIPS HAVE BEEN DISCONTINUED:
 3505-8064
 3505-8124
 3505-8150

REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
T	117547	JUL 25, 2024 ADD SH PLATING FOR RA & STRAIGHT CONN	JNC	FJR
S	0100884	NOV 03, 2021 CHANGED LATCH AND P/N	LDS	FJR
R	97909	JUN 22, 2021 REVISED ORDERING INFO	JNC	SAN
P	89702	JUL 08, 2020 REVISE DRAWING PER NEW HEADER MODEL	JNC	SN
N	68908	AUG 02, 2016 REVISE DIM ON SHT2 & CLIP CHART ON SHT5	JNC	SC
M	56068	AUG 11, 2014 REVISED AND REDRAWN	JNC	RS

DESIGN REFERENCE	NEXT ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
ACROSS CODES		DRFT	CASTIGLIONE	DATE	MFG	DATE
		CHKD		DATE	APPV	DATE
					R. SCHERER	05, 2014
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DO NOT SCALE DRAWING	SCALE	TOLERANCES EXCEPT AS NOTED	INCHES .0 ± .01 .00 ± .005 .0000 ± .0002			
THIRD ANGLE PROJECTION	INTERPRET PER ASME Y14.5 - 2018	MILLIMETERS	0 ± .0 ± .00 ± .000 ±			
MAX SURFACE ROUGHNESS	ALL SURFACES	MARKED ONLY	ANGLE ±			
CAGE NUMBER	SIZE	DRAWING NO.	REV.	MODEL 2500 DET 1515 YES NO SHT 5 OF 6		
D	78-5100-0770-7	T				

3M™ FOUR-WALL HEADER, 2500 SERIES

.100" X .100" LOW PROFILE, SURFACE MOUNT, STRAIGHT AND RIGHT ANGLE THROUGH-HOLE

Regulatory: For regulatory information about this product, visit 3M.com/regs or contact your 3M representative.

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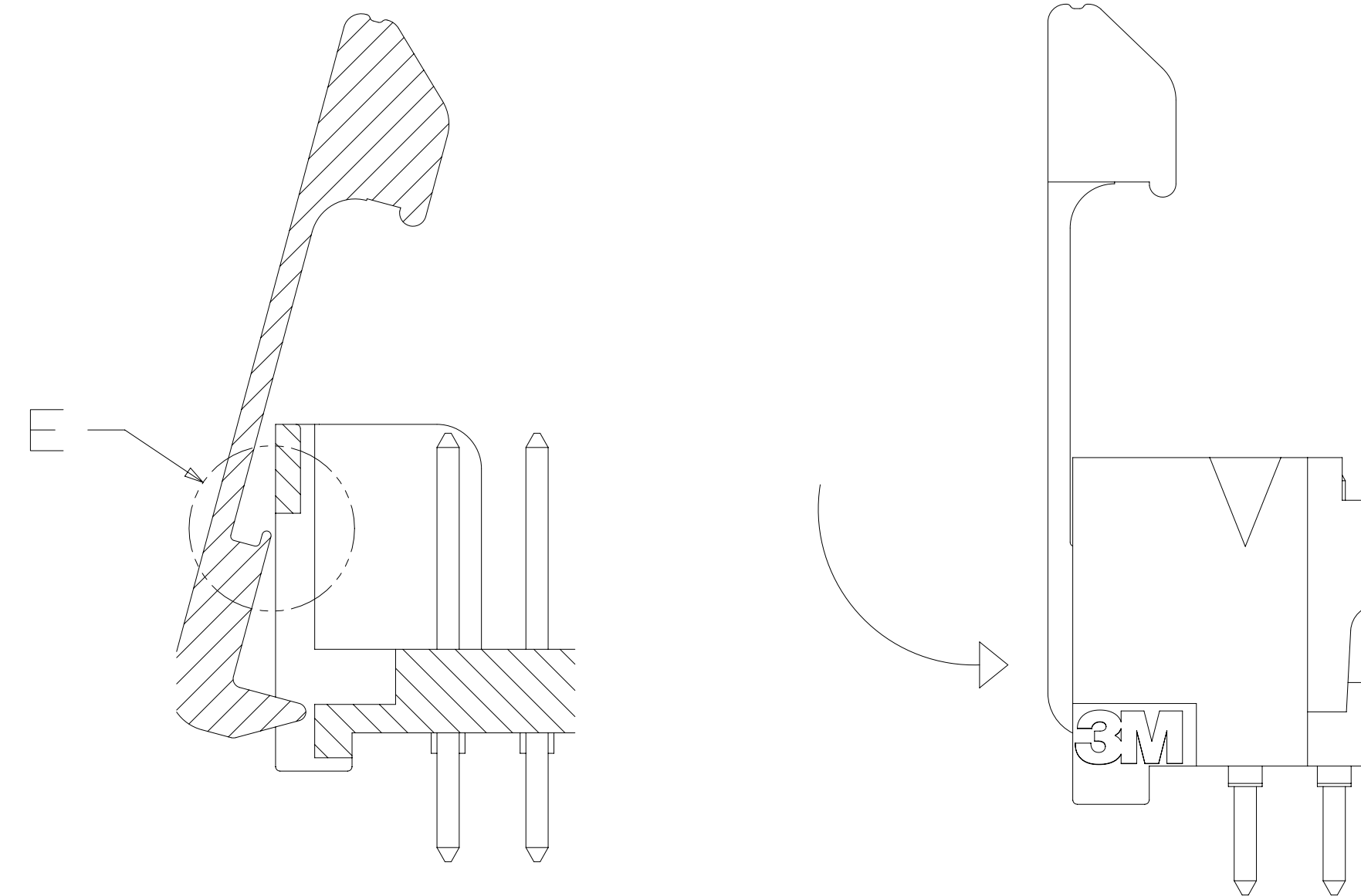
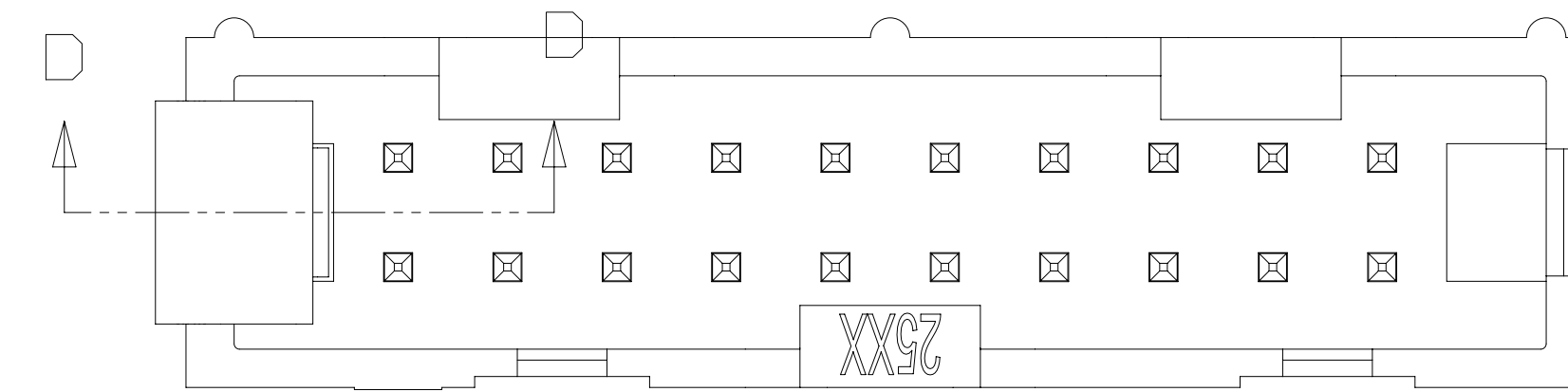
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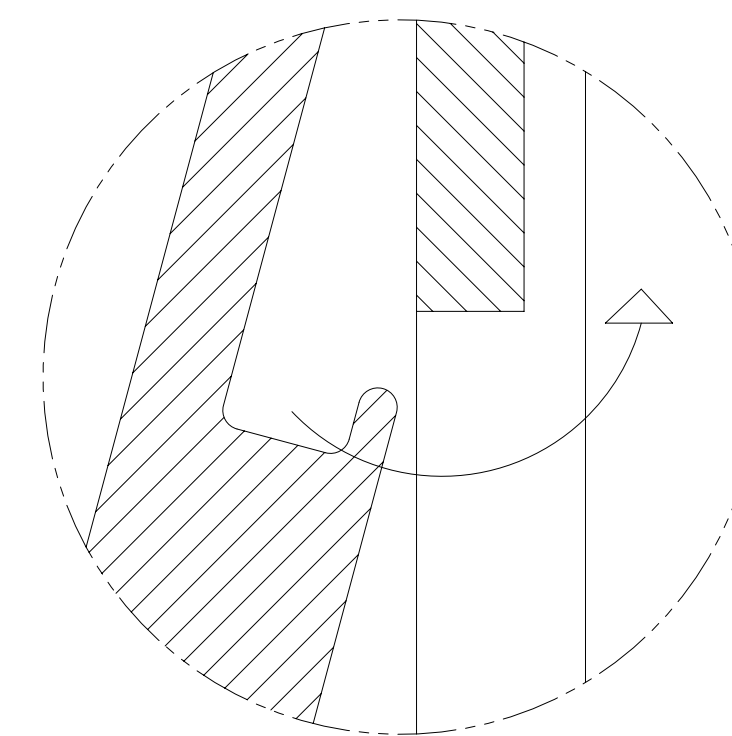
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 Austin, TX 78753-5380
 1-800-225-5373
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SECTION D - D
 SCALE 6x



Detail E
 SCALE 20x

TO ASSEMBLE LATCH:
 PLACE LIP UNDER OPENING IN END WALL.
 PRESS INTO END WALL UNTIL LATCH CLICKS.

REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
T	117547	JUL 25, 2024 ADD SH PLATING FOR RA & STRAIGHT CONN	JNC	FJR
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M	56068	AUG 11, 2014 REVISED AND REDRAWN	JNC	RS

DESIGN REFERENCE	NEXT ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
DRFT	CASTIGLIONE	DATE	AUG 11, 2014	MFG		DATE
CHKD		DATE		APPV	R. SCHERER	DATE
						SEP 05, 2014


Division	Interconnect Solutions	DIVISION CODE	EMSD
DO NOT SCALE DRAWING		TOLERANCES EXCEPT AS NOTED	
THIRD ANGLE PROJECTION		INCHES	0 ± .1 .00 ± .01 .000 ± .005 .0000 ± .0002
MAX SURFACE ROUGHNESS		MILLIMETERS	0 ± .0 ± .00 ± .000 ±
MARKED ONLY		ANGLES	

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TITLE HEADER, 4-WALL, LO-PRO, .100 X .100, SMT, STRAIGHT & RA			
CAGE NUMBER	SIZE	DRAWING NO.	REV.
D		78-5100-0770-7	T
MODEL	2500	DET	IS1S <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO SHT 6 OF 6

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