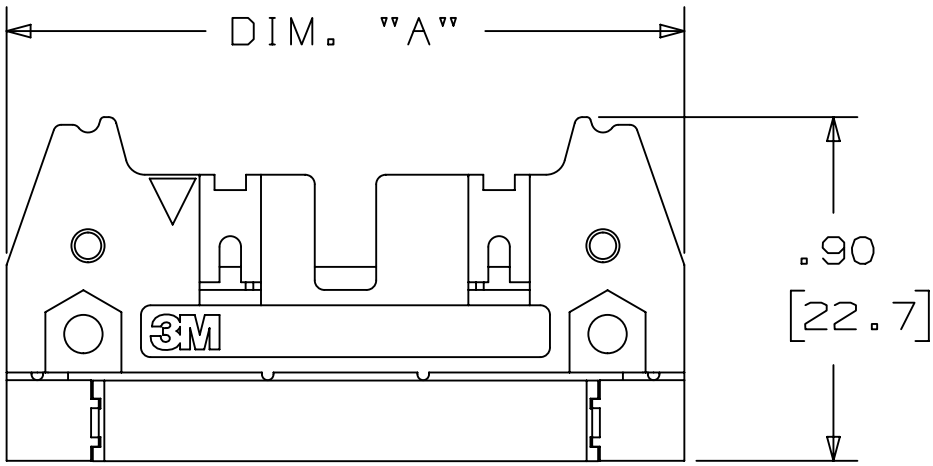
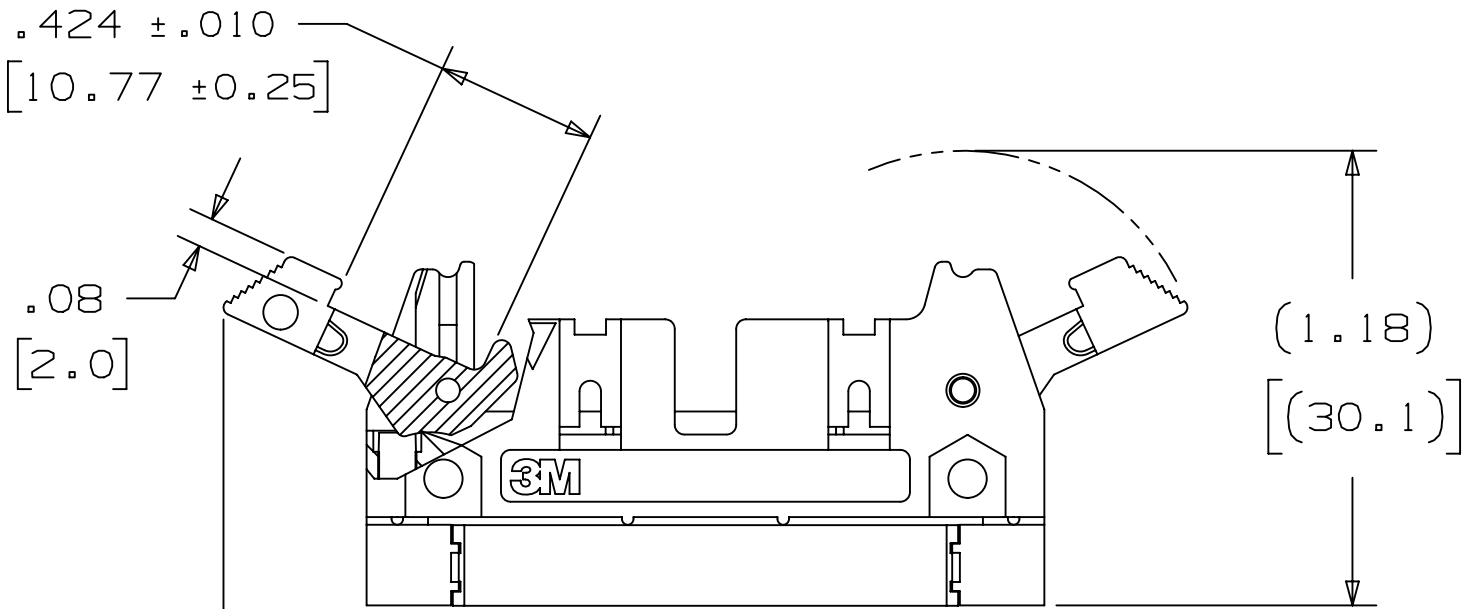


3M™ THREE-WALL CONDO HEADER, 3000 SERIES

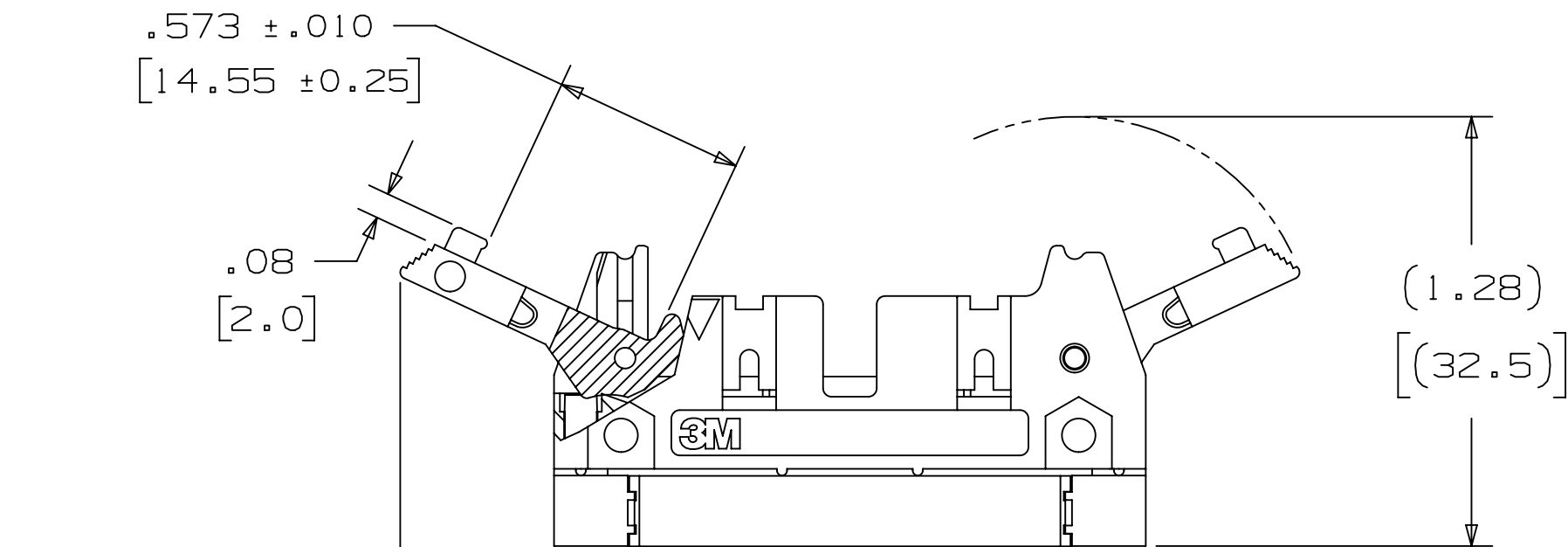
.100" X .100" LATCH/EJECTOR, RIGHT ANGLE



-D00X
HEADER WITHOUT LATCH EJECTOR



(.37) [(9.5)]
-D20X
HEADER WITH SHORT LATCH EJECTOR
FOR 3M SOCKETS WITHOUT STRAIN RELIEF



(.46) [(11.7)]
-D30X
HEADER WITH LONG LATCH EJECTOR
FOR 3M SOCKETS WITH STRAIN RELIEF

2 PHYSICAL :

INSULATOR:
MATERIAL: HIGH TEMP GLASS FILLED POLYESTER (PCT)
FLAMMABILITY: UL94V-0
COLOR: BLACK
CONTACT:
MATERIAL: COPPER ALLOY
PLATING:
UNDER PLATING: 50µ"-150µ" [1.27µm-3.81µm] NICKEL-OVERALL
WIPING AREA: 30µ" [0.76µm] AVG. GOLD
SOLDER TAILS: 200µ" [5.08µm] MIN MATTE TIN
MARKINGS: 3M LOGO, PART IDENTIFICATION NUMBER AND ORIENTATION TRIANGLE

2 ELECTRICAL :

CURRENT RATING: 1A (EIA 364-70)
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, 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.

ORDERING INFORMATION

N3XXX-DXXXRB

3M PART NUMBER: (SEE TABLE 1)
PLATING:

LATCH/EJECTOR SYSTEM:
0 = NO LATCH/EJECTOR INSTALLED
2 = SHORT ROLL PIN LATCH/EJECTORS
3 = LONG ROLL PIN LATCH/EJECTORS
TAIL:
02 = FOR .062 [1.57] THICK BOARD
03 = FOR .094 TO .125 [2.39 TO 3.18] THICK BOARD

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

DESIGN REFERENCE	NEXT ASSEMBLY
XXXXP CODES	
DIVISION Interconnect Solutions	DIVISION CODE EMSD
DO NOT SCALE DRAWING	SCALE 2 1
	TOLERANCES EXCEPT AS NOTED
	INCHES .0 ±.1 .00 ±.01 .000 ±.005 .0000 ±.0002
	MILLIMETERS 0 ±2 .0 ±.3 .00 ±.13 .000 ±.005
	INTERPRET PER ASME Y14.5 - 2018
	MAX. SURFACE ROUGHNESS ALL SURFACES ✓ MARKED ONLY
	ANGLES

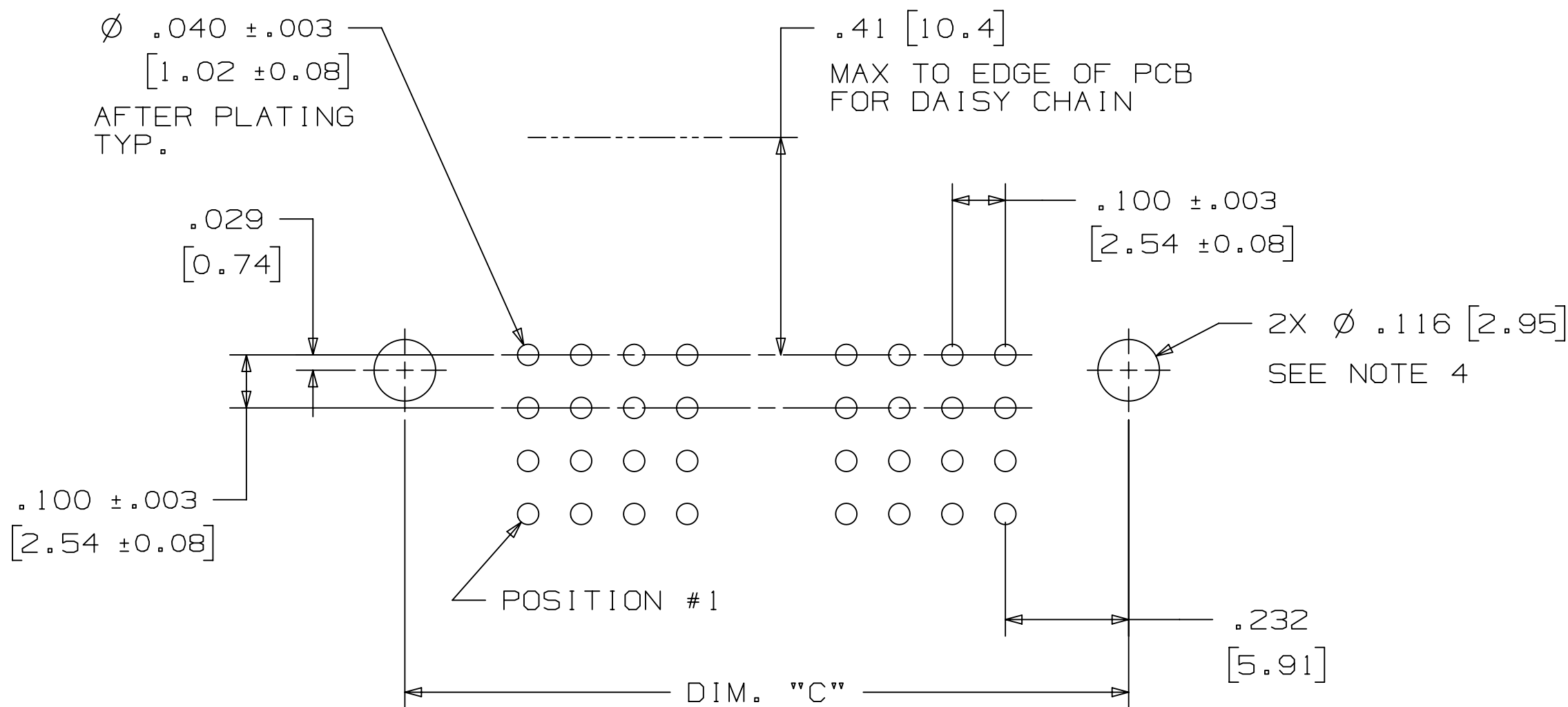
M	97909	JUN 22,2021	JNC	SAN
L	93619	JAN 06,2021	JNC	SAN
K	60056	MAR 06,2015	JNC	RS
J	56068	AUG 05,2014	JNC	RS
REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
DRFT	CASTIGLIONE	DATE AUG 05,2014	MFS	DATE
CHKD		DATE	APPRV R. SCHERER	DATE SEP 05,2014
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TITLE THREE-WALL CONDO HEADER, .100 X .100 LATCH/EJECT, RA				
CAGE NUMBER	SIZE	DRAWING NO.	REV.	
D		78-5100-0773-1	M	
MODEL	3400	DET	LISTS	YES ☐ NO ☐ SHT 1 OF 4

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

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FOR TECHNICAL, SALES OR ORDERING
INFORMATION CALL 800-225-5373

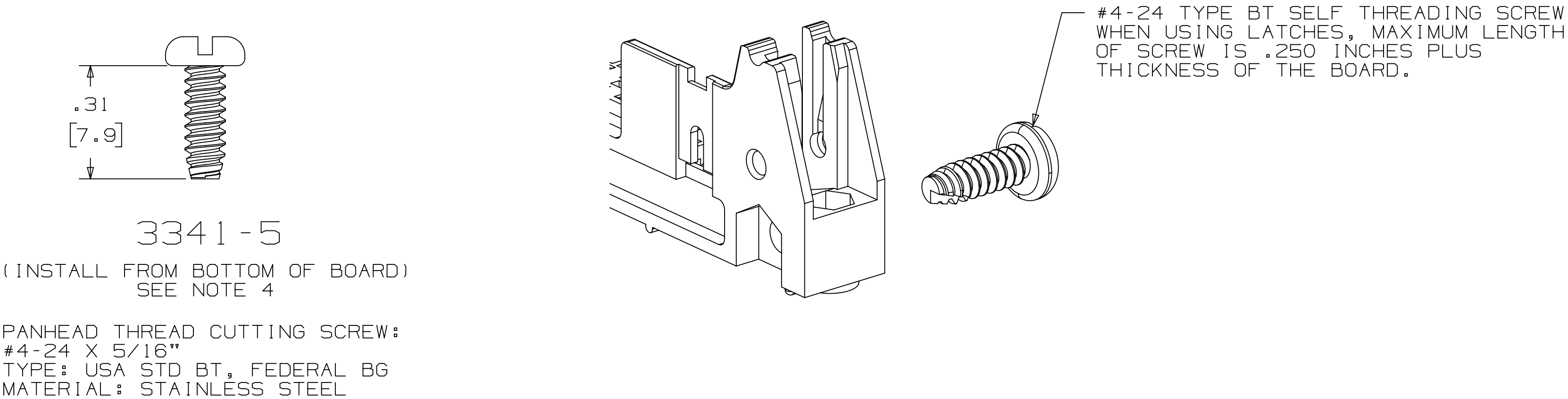
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3M™ THREE-WALL CONDO HEADER, 3000 SERIES
.100" X .100" LATCH/EJECTOR, RIGHT ANGLE



RECOMMENDED MOUNTING HOLE PATTERN

MOUNTING HARDWARE



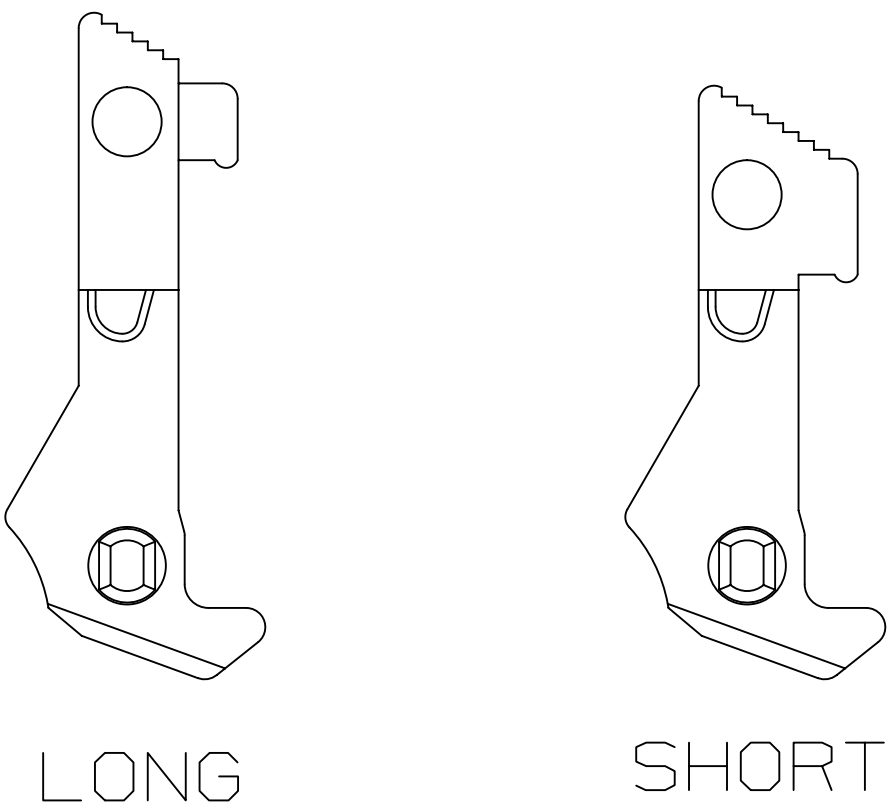
PART CUSTOMIZATION

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.

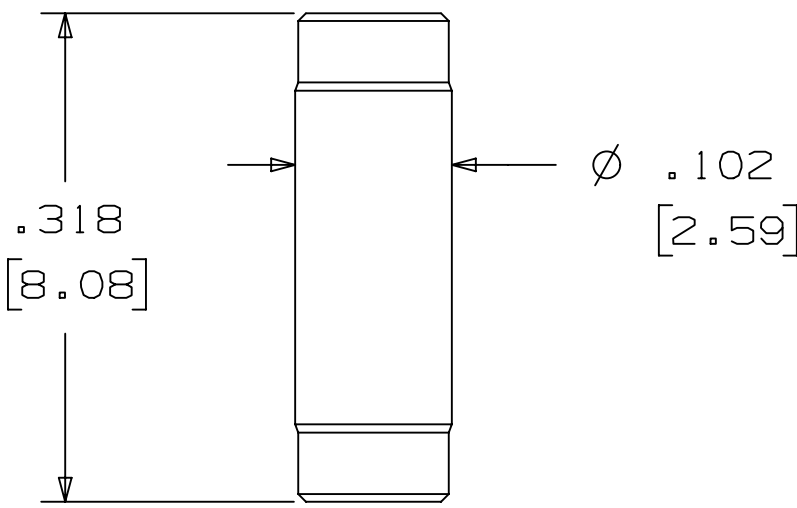
MATERIAL	SHORT LATCH	LONG LATCH	LATCH STYLE	COLOR
HIGH TEMP. (PCT)	N3505-2B	N3505-3B	ROLL PIN	BLACK
HIGH TEMP (PPA)	N3505-30B	N3505-31B	SNAP-IN	BLACK



SNAP-IN LATCHES

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

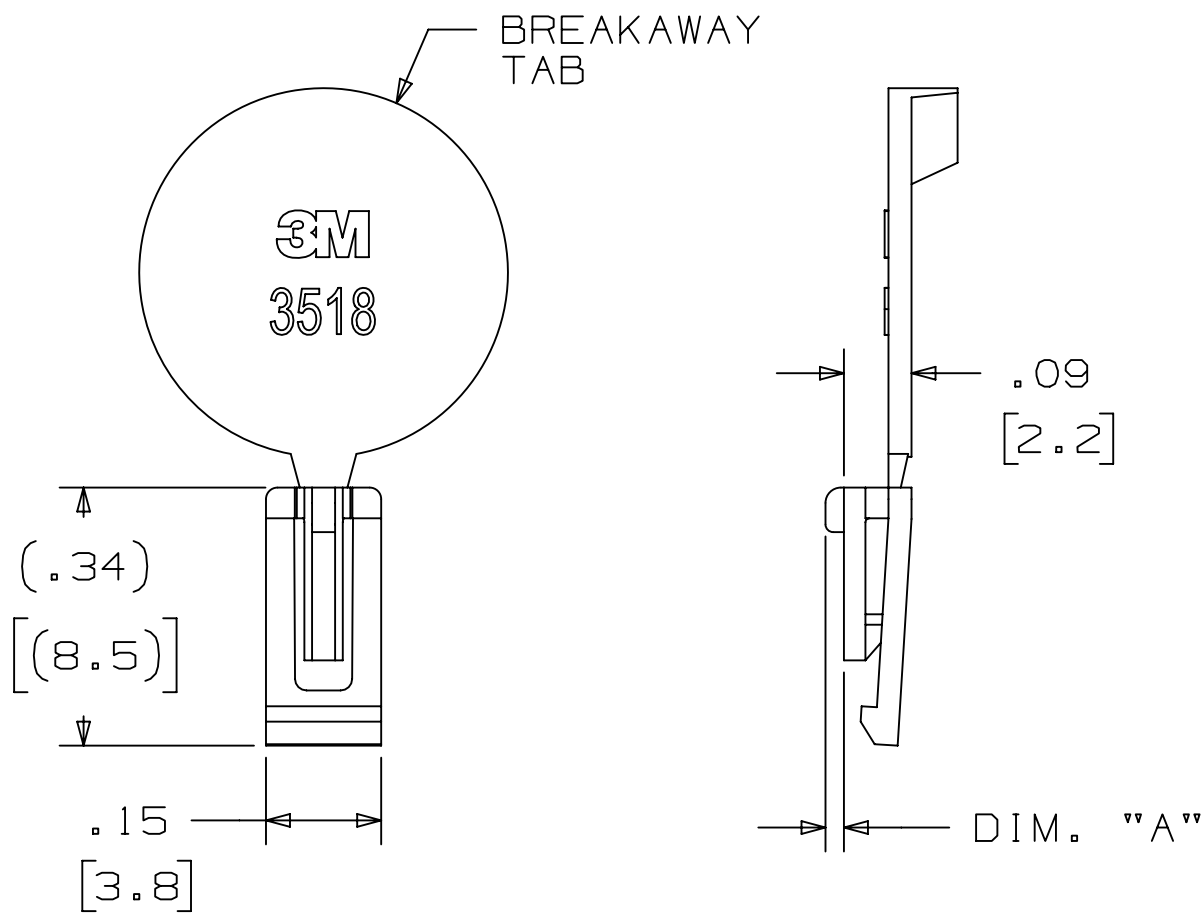
POLARIZING POST



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 KEY



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

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

DESIGN REFERENCE	NEXT ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
XXXXXX	XXXXXX	1	ECO	JUN 22,2021 REVISED DIM'S AND NOTES	JNC	SAN
XXXXXX	XXXXXX	2	ECO	JAN 06,2021 REMOVED TIN LEAD PLATING	JNC	SAN
XXXXXX	XXXXXX	3	ECO	MAR 06,2015 REVISE ORDERING NUMBER	JNC	RS
XXXXXX	XXXXXX	4	ECO	AUG 05,2014 REVISED AND REDRAWN	JNC	RS
XXXXXX	XXXXXX	5	ECO	AUG 05,2014 REVISED AND REDRAWN	JNC	RS
XXXXXX	XXXXXX	6	ECO	AUG 05,2014 REVISED AND REDRAWN	JNC	RS
XXXXXX	XXXXXX	7	ECO	AUG 05,2014 REVISED AND REDRAWN	JNC	RS
XXXXXX	XXXXXX	8	ECO	AUG 05,2014 REVISED AND REDRAWN	JNC	RS
XXXXXX	XXXXXX	9	ECO	AUG 05,2014 REVISED AND REDRAWN	JNC	RS
XXXXXX	XXXXXX	10	ECO	AUG 05,2014 REVISED AND REDRAWN	JNC	RS
XXXXXX	XXXXXX	11	ECO	AUG 05,2014 REVISED AND REDRAWN	JNC	RS
XXXXXX	XXXXXX	12	ECO	AUG 05,2014 REVISED AND REDRAWN	JNC	RS
XXXXXX	XXXXXX	13	ECO	AUG 05,2014 REVISED AND REDRAWN	JNC	RS
XXXXXX	XXXXXX	14	ECO	AUG 05,2014 REVISED AND REDRAWN	JNC	RS
XXXXXX	XXXXXX	15	ECO	AUG 05,2014 REVISED AND REDRAWN	JNC	RS
XXXXXX	XXXXXX	16	ECO	AUG 05,2014 REVISED AND REDRAWN	JNC	RS
XXXXXX	XXXXXX	17	ECO	AUG 05,2014 REVISED AND REDRAWN	JNC	RS
XXXXXX	XXXXXX	18	ECO	AUG 05,2014 REVISED AND REDRAWN	JNC	RS
XXXXXX	XXXXXX	19	ECO	AUG 05,2014 REVISED AND REDRAWN	JNC	RS
XXXXXX	XXXXXX	20	ECO	AUG 05,2014 REVISED AND REDRAWN	JNC	RS

3M	Center	St. Paul,	MN 55144
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TITLE THREE-WALL CONDO HEADER, .100 X .100 LATCH/EJECT, RA			
CAGE NUMBER	SIZE	DRAWING NO.	REV.
D	78-5100-0773-1	M	
MODEL	3400	DET	LISTS
SHT 3 OF 4			

3M™ THREE-WALL CONDO HEADER, 3000 SERIES

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

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

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M	97909	JUN 22,2021	JNC	SAN
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REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
DRFT	CATTIGLIONE	DATE AUG 05,2014	MFG	DATE
CHKD		DATE	APPR. R. SCHERER	DATE SEP 05,2014
DIVISION Interconnect Solutions		DIVISION CODE EMSD		
DO NOT SCALE DRAWING	SCALE 4 1	TOLERANCES EXCEPT AS NOTED		
THIRD ANGLE PROJECTION		INCHES .0 ±.1 .00 ±.01 .000 ±.005 .0000 ±.0002		
INTERPRET PER ASME Y14.5 - 2018		MILLIMETERS 0 ±2 .0 ±.3 .00 ±.13 .000 ±.005		
MAX. SURFACE ROUGHNESS 12.5 μm		CAGE NUMBER D78-5100-0773-1		
MARKED SURFACES		DRAWING NO. 78-5100-0773-1		
MARKED ONLY		REV. M		
		MODEL 3400		
		DET. YES NO SHT 4 OF 4		