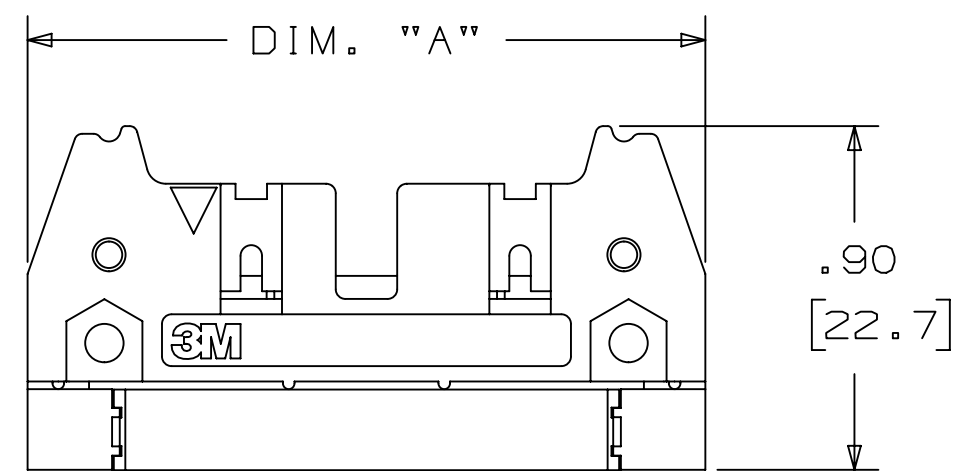
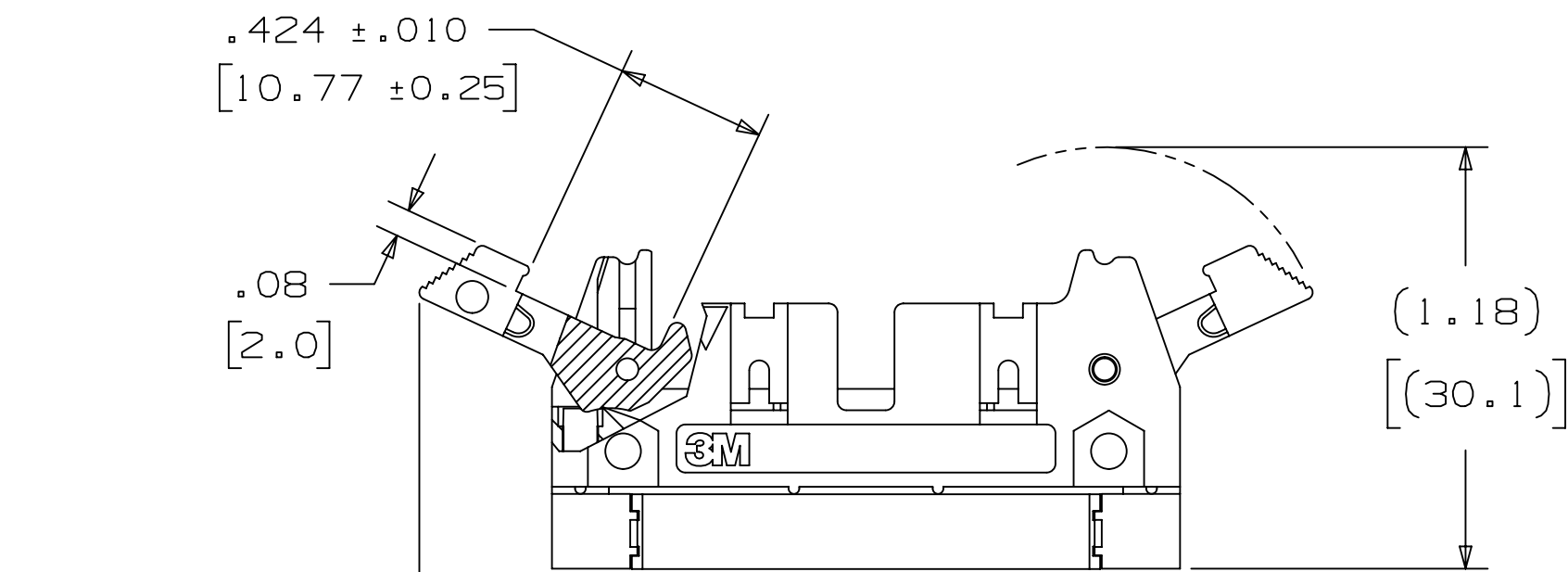


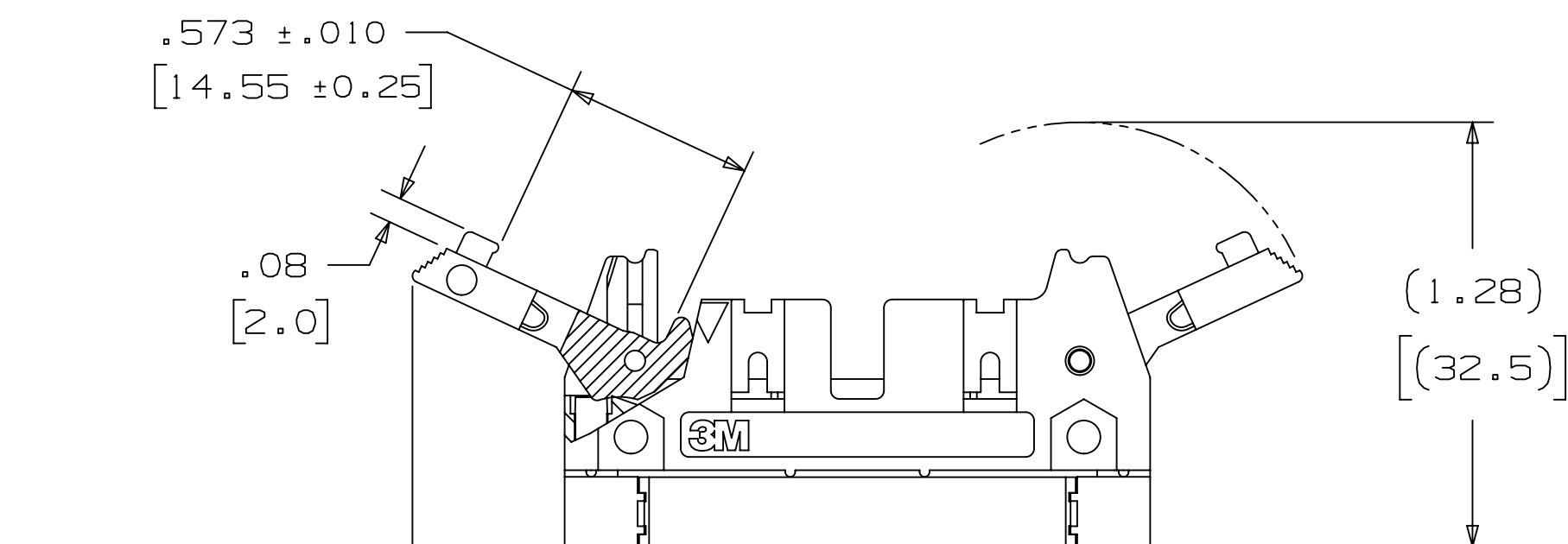
.100" X .100" LATCH/EJECTOR, RIGHT ANGLE



-DOOX
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

N3XXX-DXXXRB

- PLATING:

```
- TAIL:
02 = FOR .062 [ 1.57 ] THICK BOARD
03 = FOR .094 TO .125 [ 2.39 TO 3.18 ] THICK BOARD
```

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INFORMATION CALL 800-225-5373

```

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

```

CURRENT RATING: 1A (EIA 364-70)
INSULATION RESISTANCE: $>1 \times 10^9 \Omega$ AT 500 V_{DC}
WITHSTANDING VOLTAGE: 1,000V_{RMS} AT SEA LEVEL

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)

- * STACKED PINS CONSERVE SPACE ON THE CIRCUIT BOARD ALLOWING HIGHER DENSITY PACKAGING.
- * PIN QUANTITY TO 128 GIVES DESIGN FLEXIBILITY WITH LATCHING.
- * "HDI" ALTERNATIVE.
- * THREE-WALL FITS IN VME BOARD STACKING CRITERIA.
- * ACCEPTS STANDARD IDC SOCKETS.
- * MATES WITH STANDARD FLAT CABLE HARNESSSES.
- * HIGH TEMPERATURE INSULATOR SUITABLE FOR "NO LEAD" SOLDERING OPERATIONS.
- * SUITABLE FOR REFLOW SOLDERING USING "PASTE IN HOLE" TECHNIQUES.

NOTES

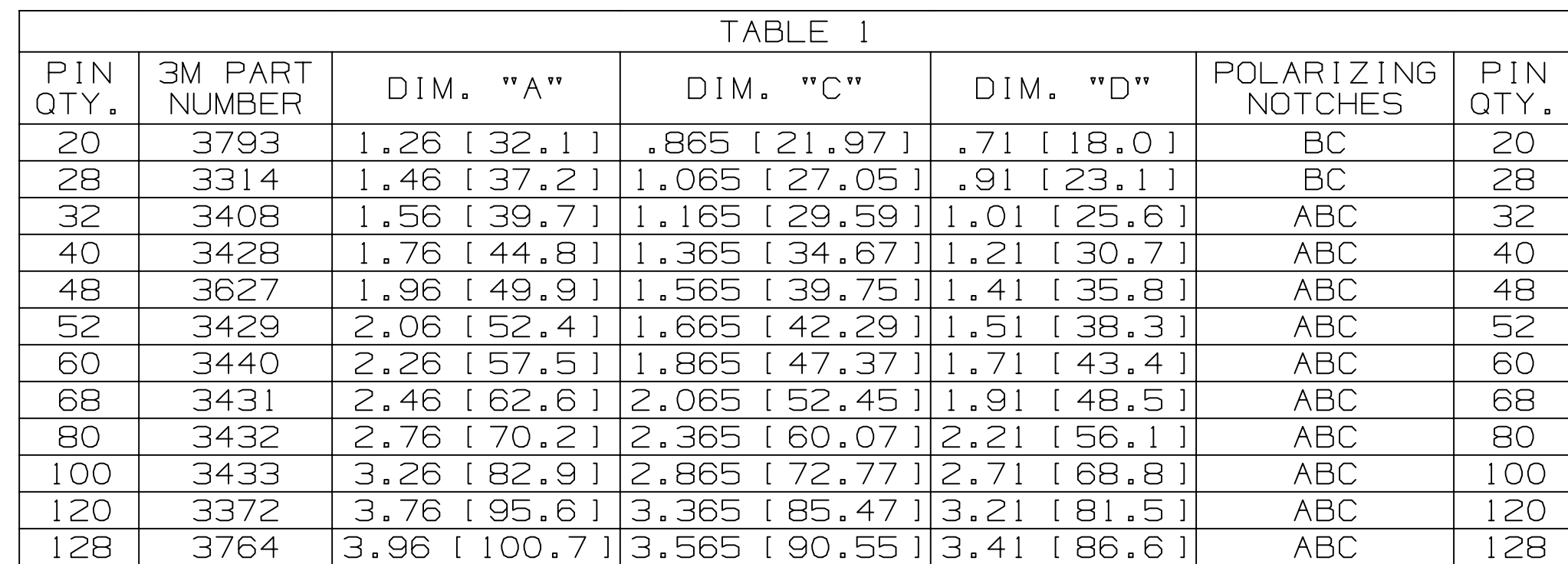
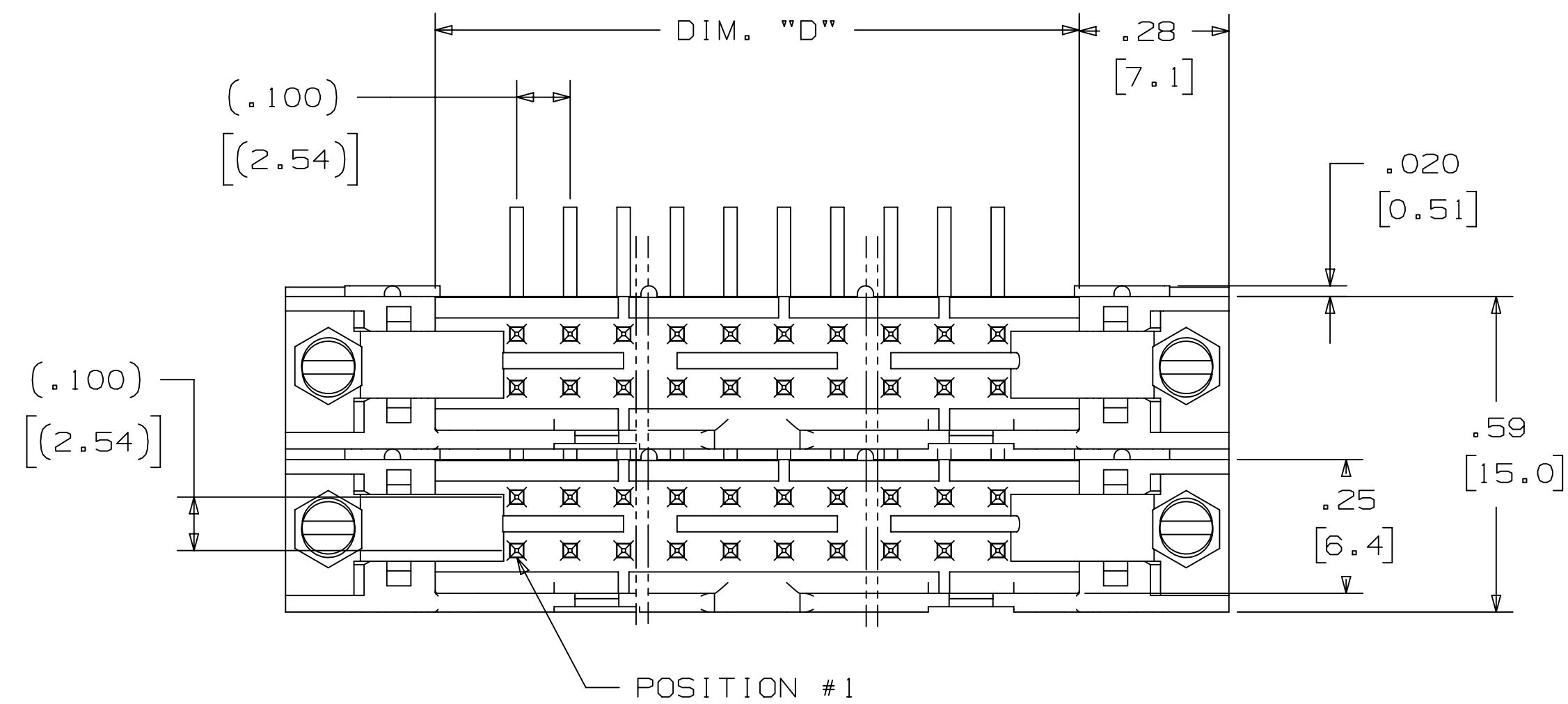
1. REGULATORY INFORMATION:
VISIT 3M.com/regs
2. IN THE EVENT OF CONFLICT BETWEEN THIS DATA AND THAT CONTAINED IN THE PRODUCT SPECIFICATION, THE PRODUCT SPECIFICATION TAKES PRECEDENCE.
3. NOTCHES A & C WILL ACCOMMODATE 3M POLARIZING KEY: N3518.
4. MOUNTING HARDWARE:
FROM SOLDER SIDE OF PC BOARD
USE #4-24 THREAD CUTTING SCREW
(3M PART #3341-5) WITH
Ø .116 [2.95] MOUNTING HOLE.

DESIGN REFERENCE		NEXT ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
ACTIONS CODES			DRFT	CAGTIGLIONE	DATE AUG 05, 2014	MFB	DATE
			CHKD		DATE	APPRV R. SCHERER	DATE SEP 05, 2014
DIVISION Interconnect Solutions	DIVISION CODE EMSD	TOLERANCES EXCEPT AS NOTED	3M 3M Center St. Paul, MN 55144		© 3M COPYRIGHT 2021 This document and the information it contains are 3M proprietary 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 $\frac{1}{1}$	INCHES .00 ± .01 .00 ± .01 .000 ± .005 .0000 ± .0002	TITLE THREE - WALL CONDO HEADER, 100 X 100 LATCH/EJECT, RA				
THIRD ANGLE PROJECTION	INTERPRET PER ASME Y14.5 - 2018	MILLIMETERS 0 ± 2 .0 ± .03 0.00 ± .13 0.000 ± .005	CAGE NUMBER	SIZE	DRAWING NO.	REV.	
MAX SURFACE ROUGHNESS	ALL SURFACES	ANGLES < 90°	D		78-5100-0773-1	M	
☒ MARKED ONLY			MODEL	3400	DET. LISTS	EYES ☒ NO	SHT 1 OF 4

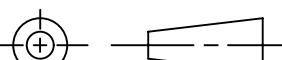
DIMENSIONS: INCHES [MM]
[MM] IS REF. ONLY



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

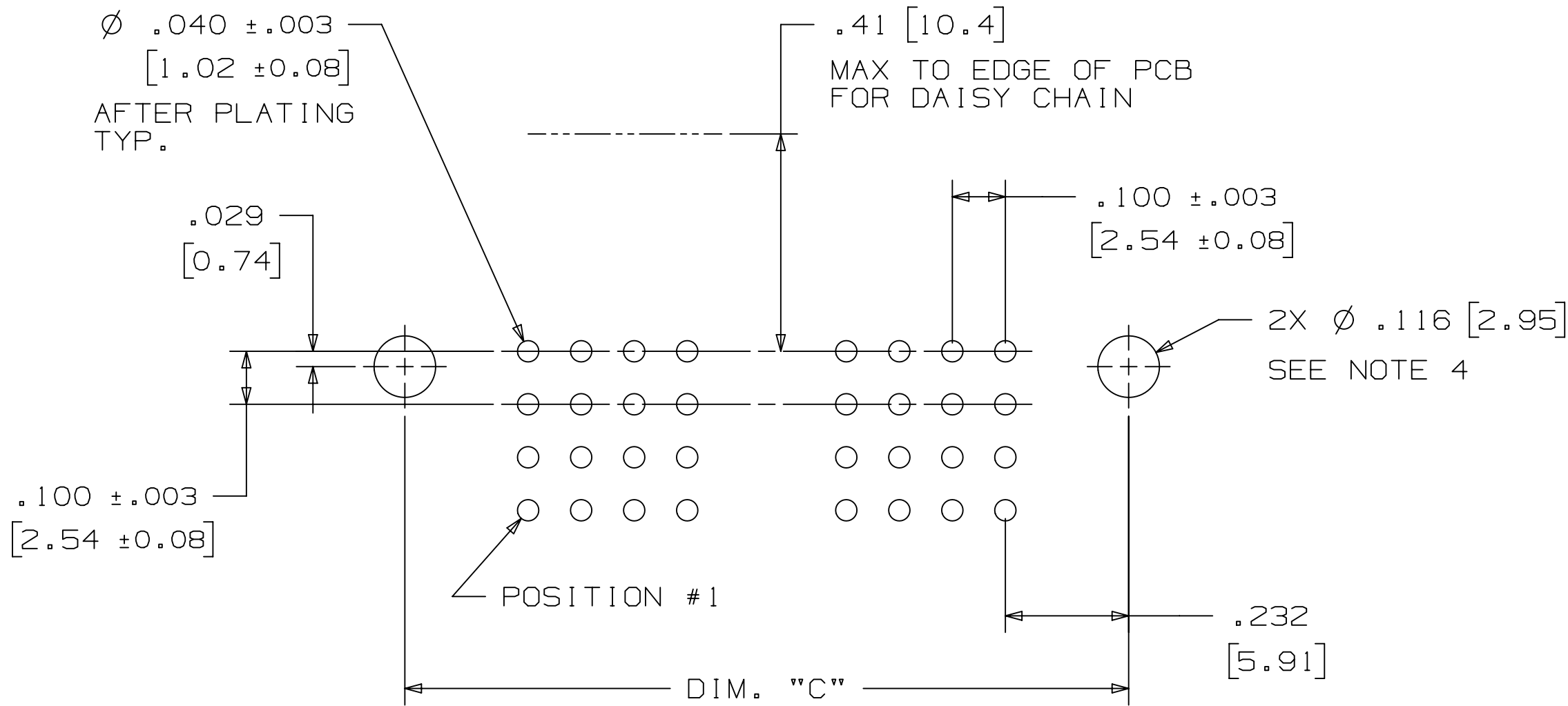


NOTE :
.112 [2.84] TAIL LENGTH SUITABLE FOR
.062 [1.57] THICK PC BOARD.

DESIGN REFERENCE		NEXT ASSEMBLY		REV	ECO	ISSUE DATE AND DESCRIPTION		DRFT	CHKD
ADDRESS				DRFT	CASTIGLIONE	DATE	04 AUG 05, 2014	MFG	DATE
				CHKD		DATE		APPRV R. SCHERER	DATE SEP 05, 2014
DIVISION				DIVISION CODE		© 3M COPYRIGHT 2021			
Interconnect Solutions				EMSD		 3M Center St. Paul, MN 55144 This document and the information it contains are 3M property and may not be reproduced or further distributed without permission, or used or disclosed other than for 3M authorized purposes. All rights reserved.			
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DRAWING		1							
				INCHES		 3M Center St. Paul, MN 55144 This document and the information it contains are 3M property and may not be reproduced or further distributed without permission, or used or disclosed other than for 3M authorized purposes. All rights reserved.			
THIRD ANGLE PROJECTION				.0 .01 .00 .01 .000 .005 .0000 .0002					
INTERPRET PER ASME Y14.5 - 2018				MILLIMETERS		 3M Center St. Paul, MN 55144 This document and the information it contains are 3M property and may not be reproduced or further distributed without permission, or used or disclosed other than for 3M authorized purposes. All rights reserved.			
				0 .2 .0 .3 .00 .13 .000 .005					
 3M Center St. Paul, MN 55144 This document and the information it contains are 3M property and may not be reproduced or further distributed without permission, or used or disclosed other than for 3M authorized purposes. All rights reserved.				TITILE		 3M Center St. Paul, MN 55144 This document and the information it contains are 3M property and may not be reproduced or further distributed without permission, or used or disclosed other than for 3M authorized purposes. All rights reserved.			
				THREE-WALL CONDO HEADER, .100 X .100 LATCH/EJECT, RA					
MAX SURFACE ROUGHNESS				CAGE NUMBER		SIZE		DRAWING NO.	
 3M Center St. Paul, MN 55144 This document and the information it contains are 3M property and may not be reproduced or further distributed without permission, or used or disclosed other than for 3M authorized purposes. All rights reserved.				D		78-5100-0773-1		REV. M	
 3M Center St. Paul, MN 55144 This document and the information it contains are 3M property and may not be reproduced or further distributed without permission, or used or disclosed other than for 3M authorized purposes. All rights reserved.				MODEL		3400		DET. LISTS ☒ YES ☐ NO	
 3M Center St. Paul, MN 55144 This document and the information it contains are 3M property and may not be reproduced or further distributed without permission, or used or disclosed other than for 3M authorized purposes. All rights reserved.				ANGLE 1				SHT 2 OF 4	

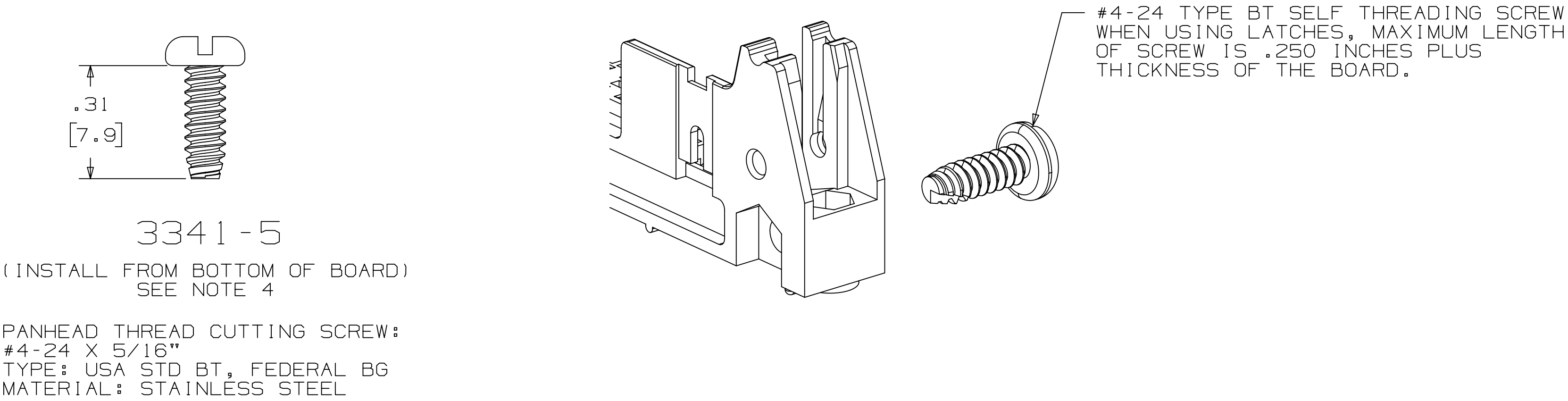
3M™ THREE-WALL CONDO HEADER, 3000 SERIES

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



RECOMMENDED MOUNTING HOLE PATTERN

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

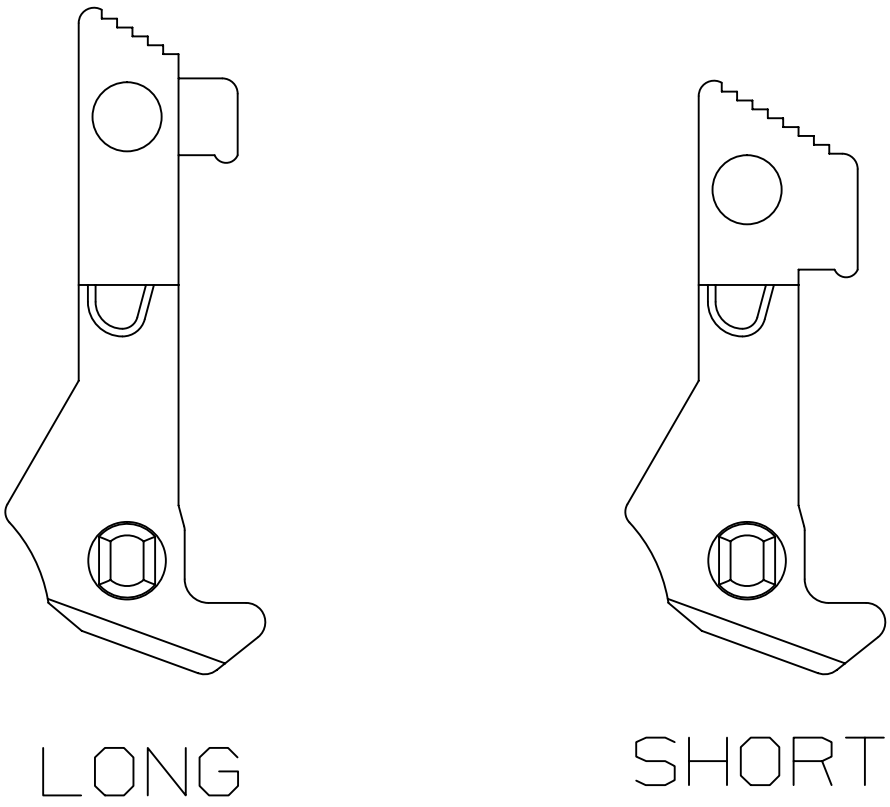
PART CUSTOMIZATION

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.

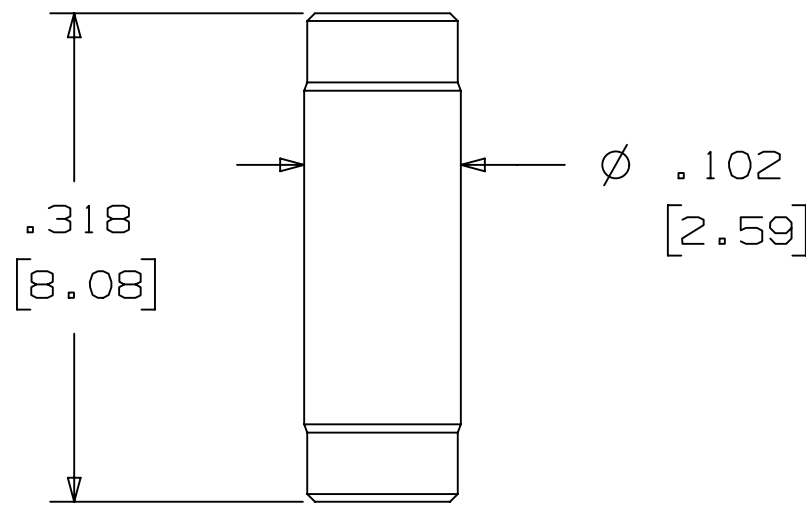
MATERIAL	SHORT LATCH	LONG LATCH	LATCH STYLE	COLOR
HIGH TEMP. (PCT)	N3505-2B	N3505-3B	ROLL PIN	BLACK
HIGH TEMP (PPA)	N3505-30B	N3505-31B	SNAP-IN	BLACK



SNAP-IN LATCHES

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

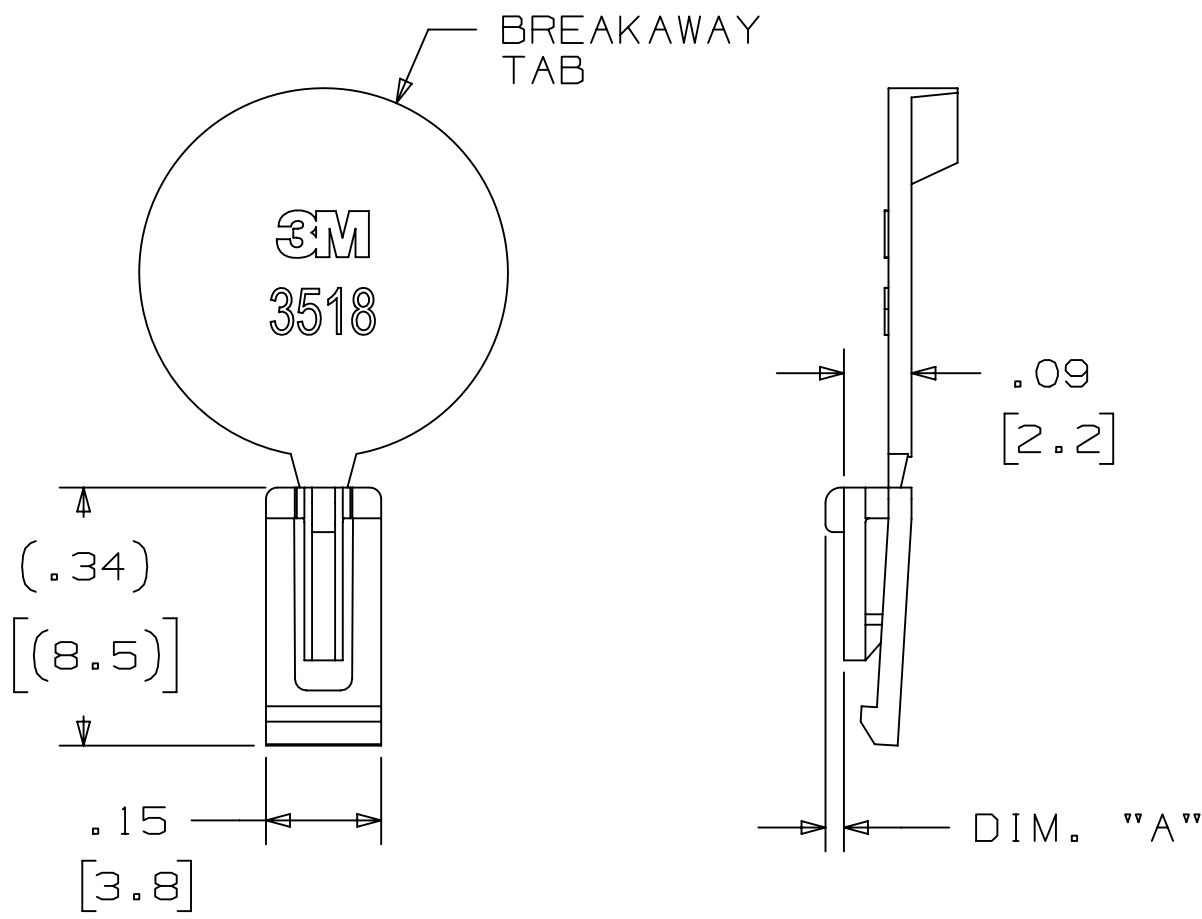
POLARIZING POST



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
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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™ 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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Austin, TX 78753-5380
1-800-225-5373
www.3M.com/interconnect

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	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		CAGE NUMBER		
ALL SURFACES		SIZE		
MARKED ONLY		DRAWING NO.		
		REV.		
		MODEL 3400		
		DET LISTS		
		YES NO		
		SHT 4 OF 4		