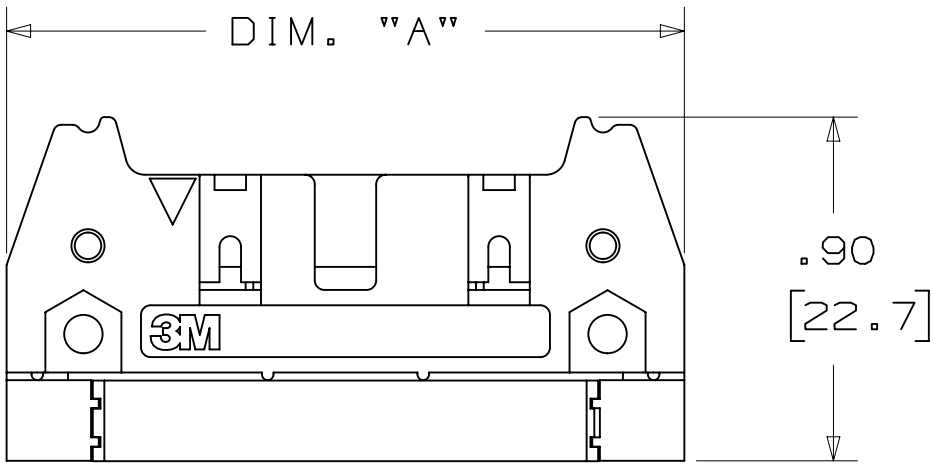
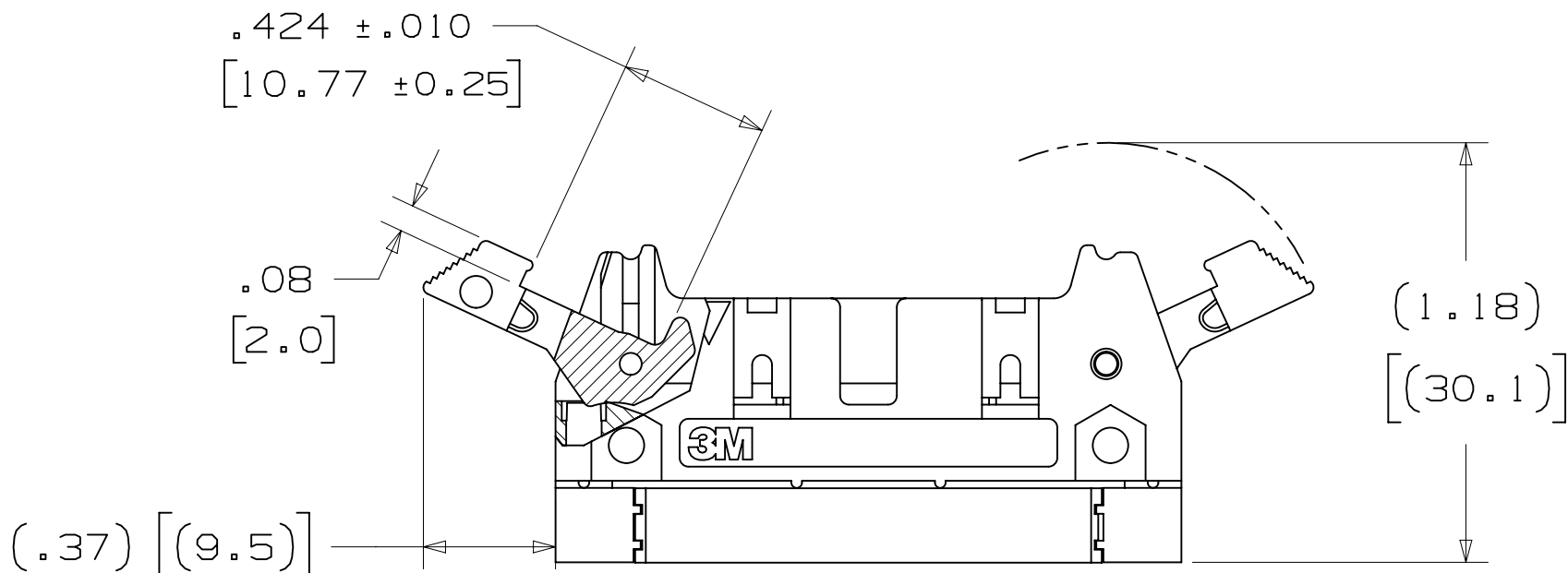


3M™ FOUR-WALL CONDO HEADER, 3000 SERIES

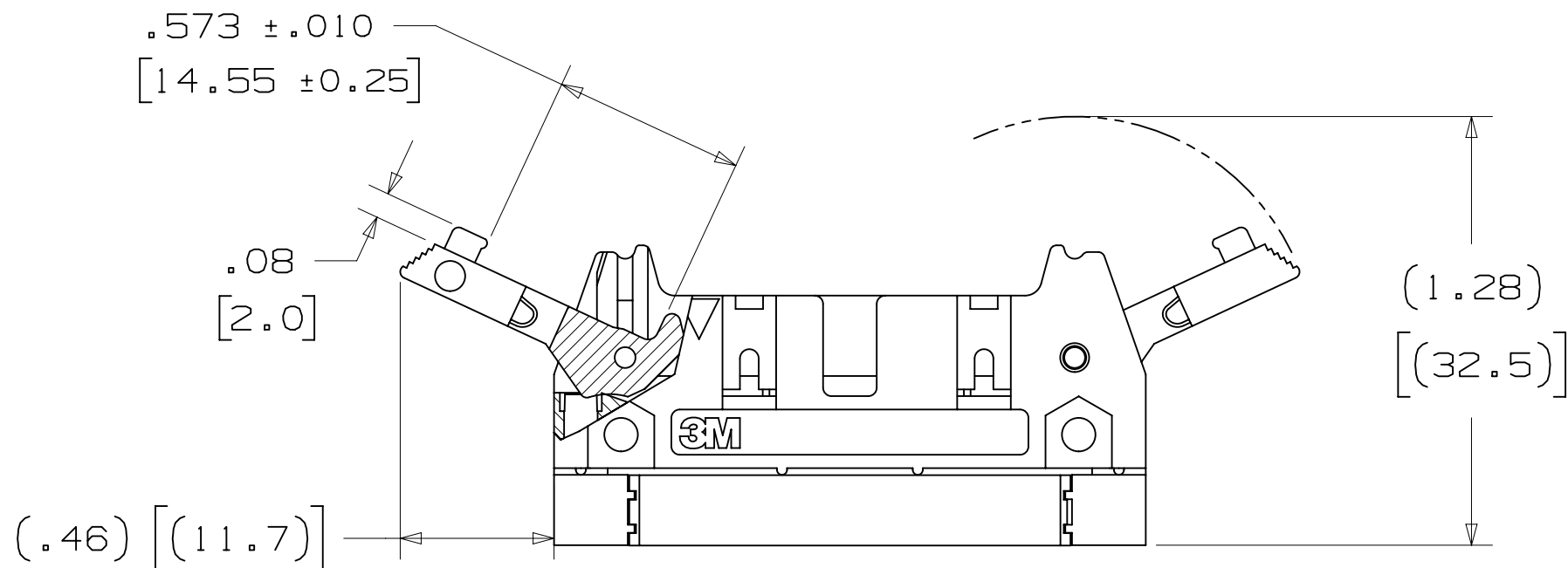
.100" X .100" LATCH/EJECTOR, RIGHT ANGLE



-L00X
HEADER WITHOUT LATCH EJECTOR



-L20X
HEADER WITH SHORT LATCH EJECTOR
FOR 3M SOCKETS WITHOUT STRAIN RELIEF



-L30X
HEADER WITH LONG LATCH EJECTOR
FOR 3M SOCKETS WITH STRAIN RELIEF

2 PHYSICAL :

INSULATOR: GLASS FILLED POLYESTER (PCT)
MATERIAL: UL94V-0
FLAMMABILITY: COLOR: BLACK
CONTACT: MATERIAL: COPPER ALLOY
PLATING: UNDER PLATING: 100μ" [2.54μm] NICKEL-OVERALL
WIPING AREA: 30μ" [0.76μm] AVG. GOLD
SOLDER TAILS: 200μ" [5.08μm] TIN LEAD OR MATTE TIN (SEE ORDERING INFORMATION)
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)

- NOTES
1. REGULATORY INFORMATION: ROHS COMPLIANT. SEE THE REGULATORY INFORMATION APPENDIX (RIA) IN THE "ROHS COMPLIANCE" SECTION OF WWW.3MCONNECTORS.COM FOR COMPLIANCE INFORMATION.
 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) AND Ø.116 [2.95] MOUNTING HOLE.

ORDERING INFORMATION

X3XXX-LXXXXX

N= HIGH TEMP BLACK (PCT)/(RB PLATING REQ'D)
BLANK= (UB PLATING)

3M PART NUMBER:
(SEE TABLE 1)

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

PLATING:
RB = 30μ" [0.76μm] GOLD AND 200μ" [5.08μm] MATTE TIN
(APP. E1 & C1 APPLY)
UB = 30μ" [0.76μm] GOLD AND 200μ" [5.08μm]
TIN LEAD (APP. E3 & C2 APPLY)

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

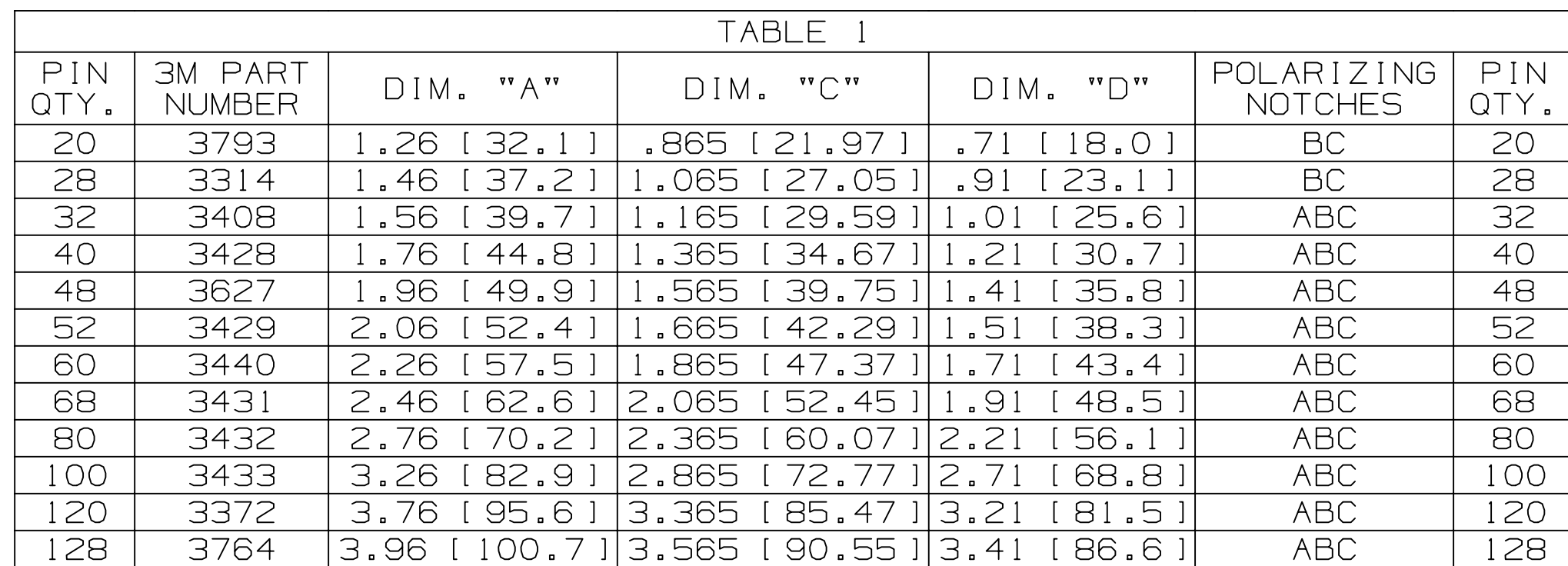
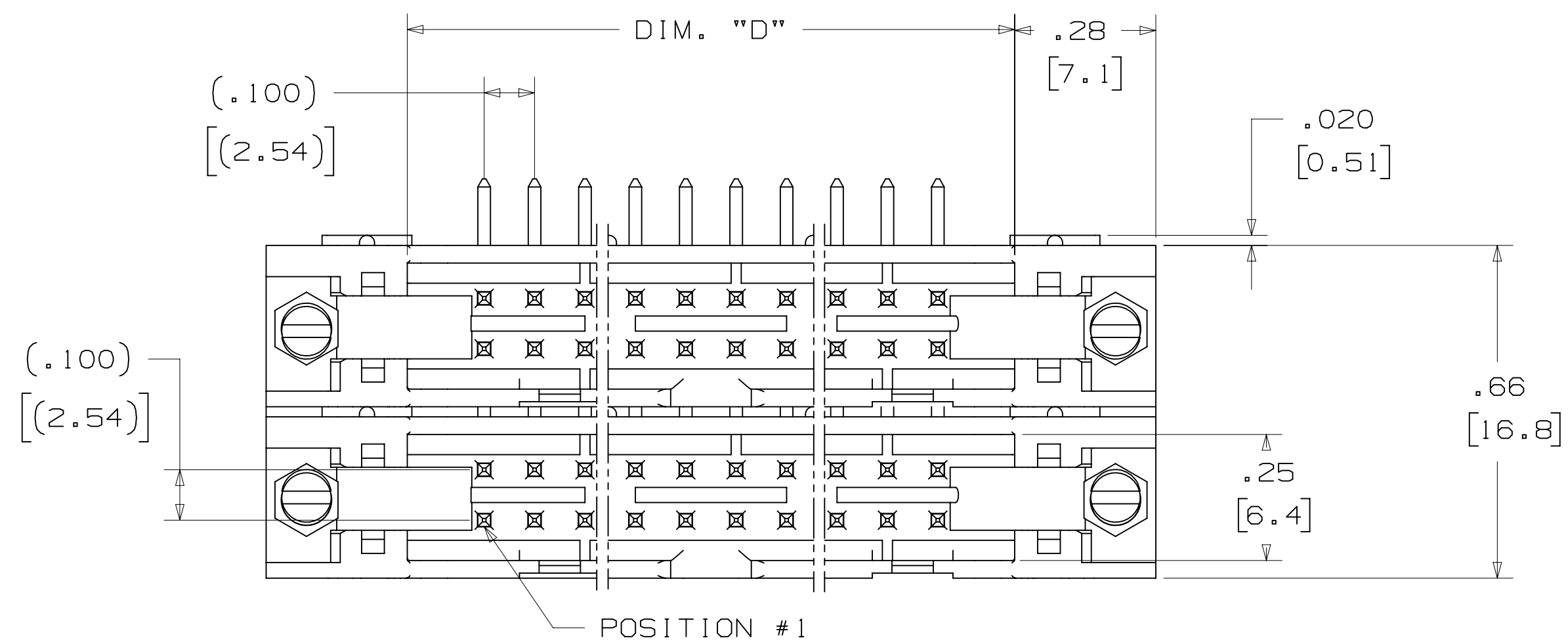
DESIGN REFERENCE	NEXT ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
3M Center	3M Center	60056	56068	MAR 06,2015 REVISE ORDERING NUMBER	JNC	RS
8	7	6	5	AUG 05,2014 REVISED AND REDRAWN	JNC	RS
4	3	2	1	AUG 05,2014 DATE	SEP 05,2014 DATE	
DIVISION	DIVISION CODE	DATE	DATE	DATE	DATE	DATE
Interconnect Solutions	EMSD	3M Center	3M Center	3M Center	3M Center	3M Center
DO NOT SCALE DRAWING	SCALE 2/1	TOLERANCES EXCEPT AS NOTED	TOLERANCES EXCEPT AS NOTED	TOLERANCES EXCEPT AS NOTED	TOLERANCES EXCEPT AS NOTED	TOLERANCES EXCEPT AS NOTED
THIRD ANGLE PROJECTION	INTERPRET PER ASME Y14.5 - 2009	INCHES	MILLIMETERS	INCHES	MILLIMETERS	INCHES
MAX SURFACE ROUGHNESS	MAX SURFACE ROUGHNESS	0 ± .01	0 ± .01	0 ± .01	0 ± .01	0 ± .01
MARKED ONLY	MARKED ONLY	.000 ± .005	.000 ± .005	.000 ± .005	.000 ± .005	.000 ± .005
3M	3M	3M	3M	3M	3M	3M
HEADER, 4-WALL, CONDO, .100 X .100 LATCH/EJECTOR, RA	HEADER, 4-WALL, CONDO, .100 X .100 LATCH/EJECTOR, RA	HEADER, 4-WALL, CONDO, .100 X .100 LATCH/EJECTOR, RA	HEADER, 4-WALL, CONDO, .100 X .100 LATCH/EJECTOR, RA	HEADER, 4-WALL, CONDO, .100 X .100 LATCH/EJECTOR, RA	HEADER, 4-WALL, CONDO, .100 X .100 LATCH/EJECTOR, RA	HEADER, 4-WALL, CONDO, .100 X .100 LATCH/EJECTOR, RA
CAGE NUMBER	SIZE	DRAWING NO.	REV.	CAGE NUMBER	SIZE	DRAWING NO.
D	78-5100-0774-9	K	78-5100-0774-9	K	78-5100-0774-9	K
MODEL	3000 SERIES	DET	LISTS	YES	NO	SHT 1 OF 3

UL FILE NO: E68080

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

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



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

K	60056	MAR 06, 2015		JNC	RS
		REVISED ORDERING NUMBER			
J	56068	AUG 05, 2014		JNC	RS
		REVISED AND REDRAWN			
REV	ECO	ISSUE DATE AND DESCRIPTION		DRFT	CHKD
DRFT CASTIGLIONE		DATE AUG 05, 2014	MFG	DATE	
CHKD		DATE	SIGN R. SCHERER	SEP 05, 2014	
		3M Center St. Paul, MN 55144 © 2013 3M COPYRIGHT 2015 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 HEADER, 4-WALL, CONDO, .100 X .100 LATCH/EJECTOR, RA					
CAGE NUMBER		DRAWING NO.			REV.
D		78-5100-0774-9			K
MODEL		3000 SERIES DET. ☐ LISTS ☐ YES ☒ NO SHT 2 OF 3			

DESIGN REFERENCE	NEXT	ASSEMBLY
ASSEMBLY CODES		
DIVISION	DIVISION CODE	
Interconnect Solutions	EMSD	
DO NOT SCALE DRAWING	SCALE $\frac{4}{1}$	TOLERANCE EXCEPT NOTED
		INCHES
THIRD ANGLE PROJECTION		$\begin{matrix} .0 & .0 \\ .00 & .0 \\ .000 & .0 \\ .0000 & .0 \end{matrix}$
INTERPRET PER ASME Y14.5 - 2009		MILLIMETERS
~~MAX SURFACE ROUGHNESS~~ ☒ DIM. SURFACES ☐ MARKED ONLY		$\begin{matrix} 0 \\ .0 \\ .0 & .3 \\ .000 & .1 \end{matrix}$
		ANGLES

 3M Corp.
 St. Paul,
 MN 55144

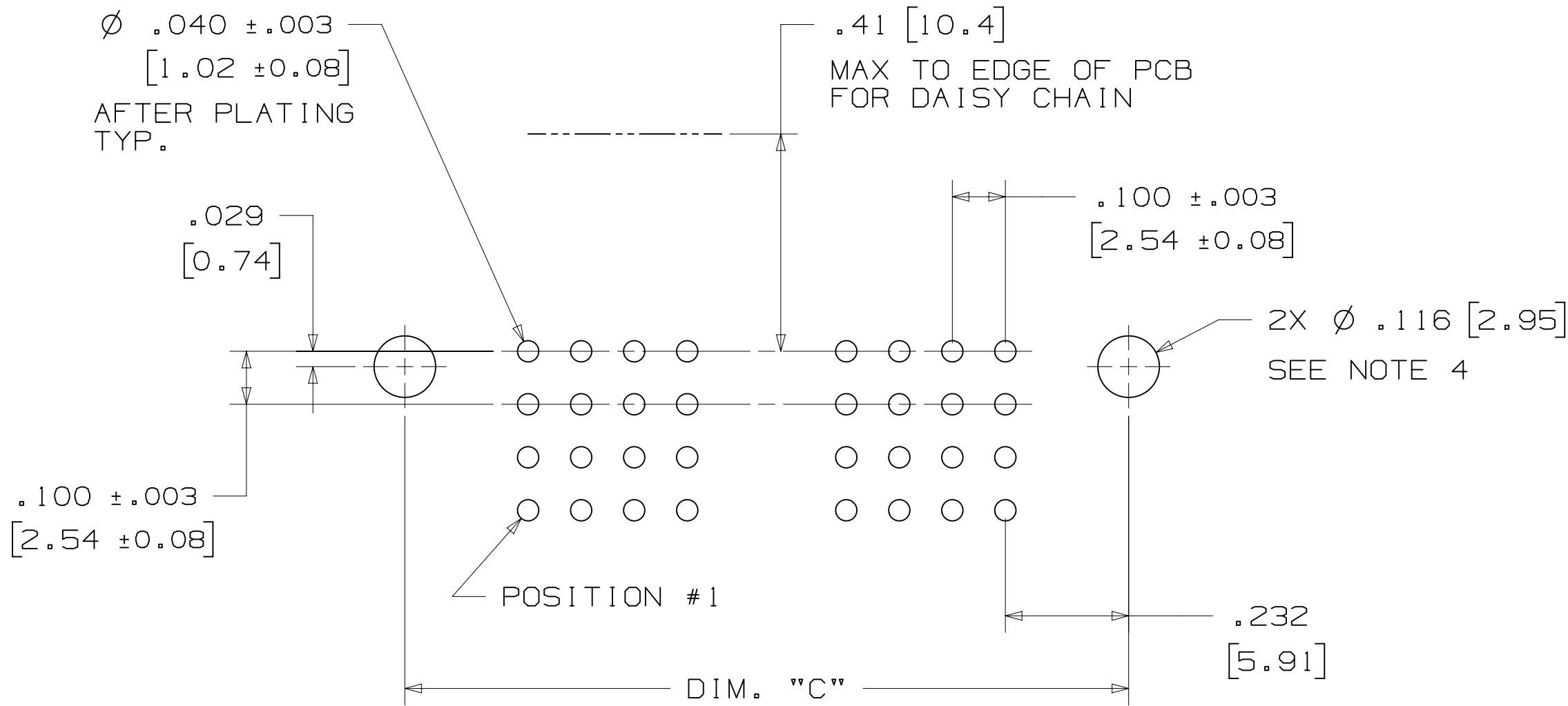
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TITLE
 HEADER, 4-WALL,
 CONDO, 100 X 100
 LATCH/EJECTOR, RA

CAGE NUMBER	SIZE D	DRAWING NO. 78-5100-0774-9	REV. K
MODEL 3000 SERIES		DET. LISTS ☐ YES ☒ NO	SHT 2 OF 3

3M™ FOUR-WALL CONDO HEADER, 3000 SERIES

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



RECOMMENDED MOUNTING HOLE PATTERN

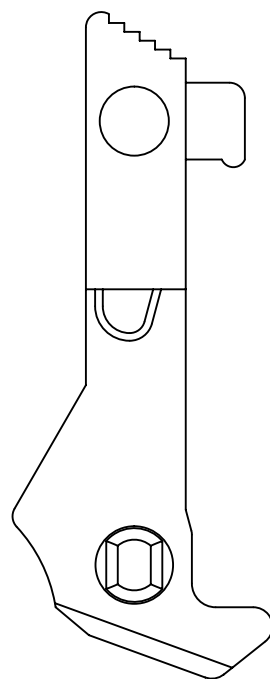
PART CUSTOMIZATION

THIS SPEC SHEET DETAILS OUR STANDARD OFFERING.

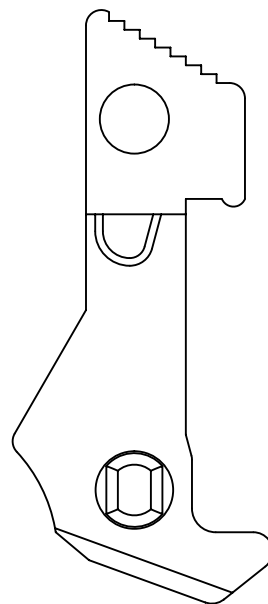
3M HAS SEVERAL CAPABILITIES THAT CAN PROVIDE A PART TAILORED TO YOUR SPECIFIC NEEDS. ASK YOUR 3M SALES REPRESENTATIVE OR CUSTOMER SERVICE FOR MORE DETAILS.

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



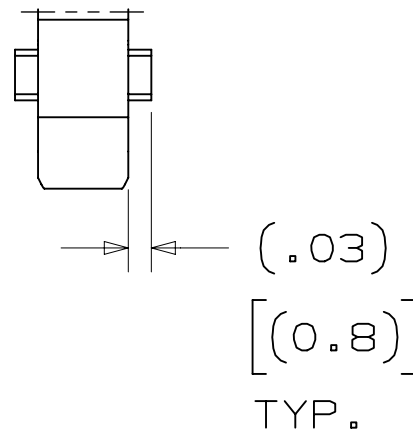
LONG



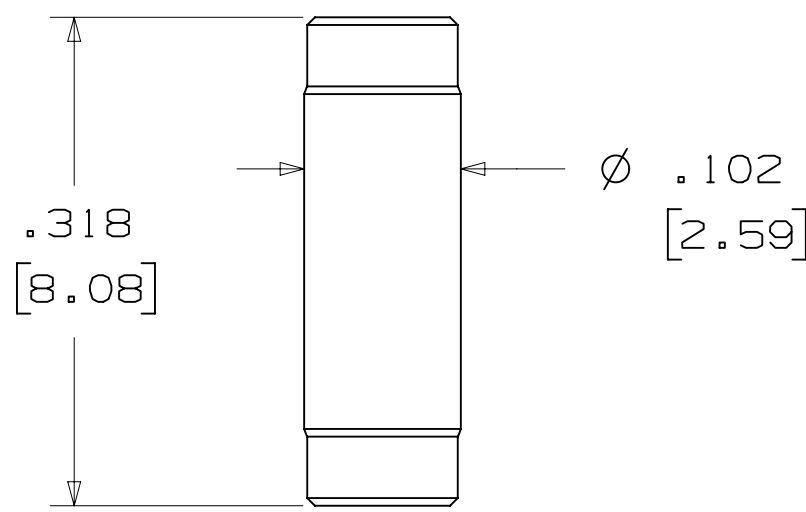
SHORT

SNAP-IN LATCHES

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



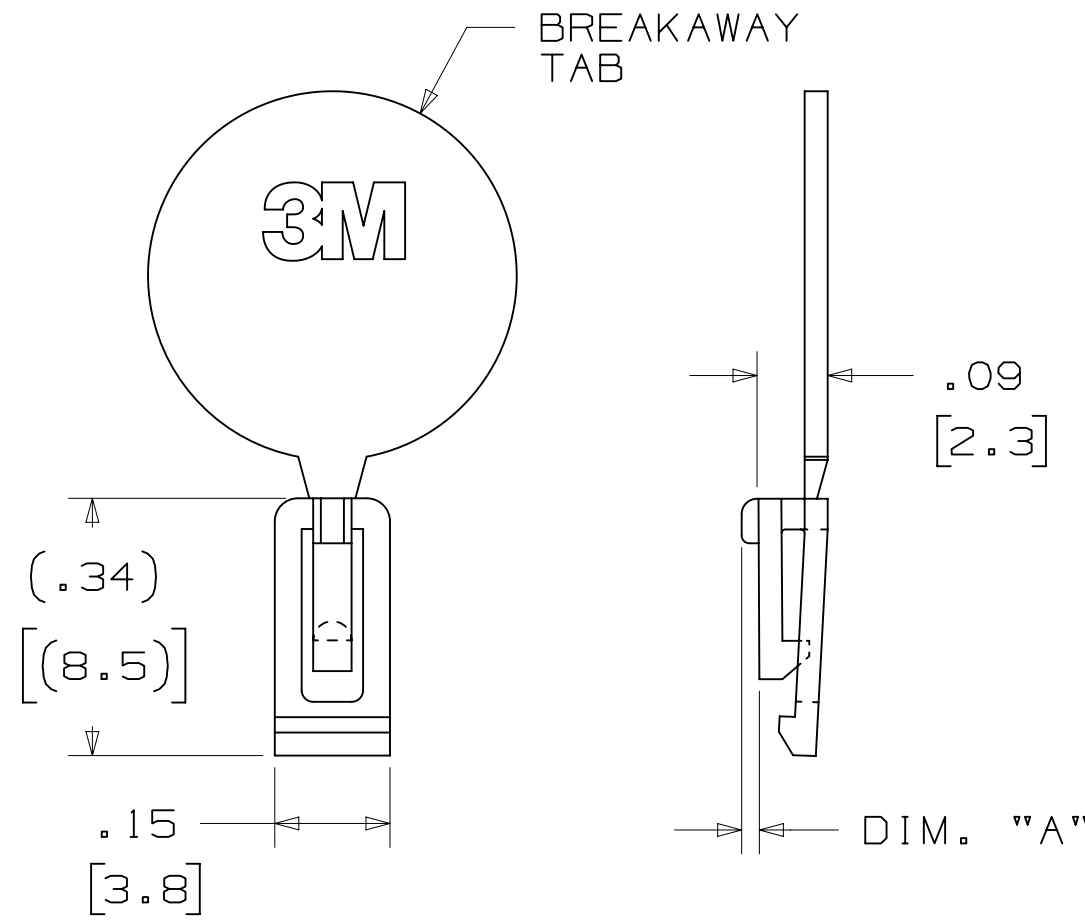
POLARIZING POST



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]

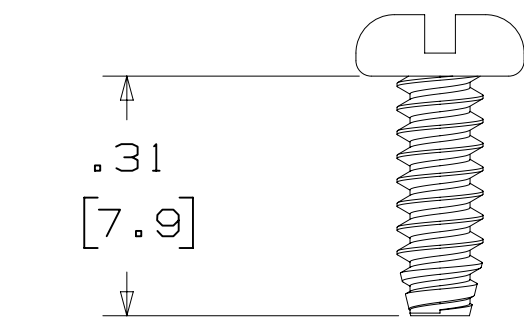
POLARIZING KEY



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

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

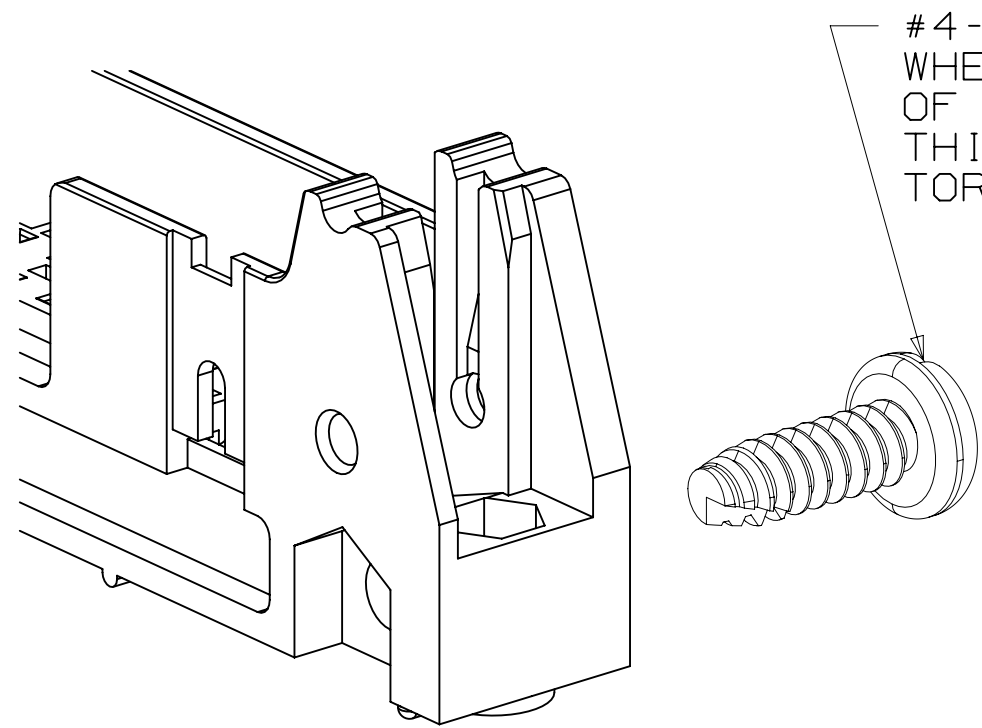
MOUNTING HARDWARE



3341-5

(INSTALL FROM BOTTOM OF BOARD)

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



#4-24 TYPE BT SELF THREADING SCREW
WHEN USING LATCHES, MAXIMUM LENGTH
OF SCREW IS .250 INCHES PLUS
THICKNESS OF THE BOARD.
TORQUE FOR EACH SCREW IS 3-5 INCH LBS.

K	60056	MAR 06,2015	JNC	RS
J	56068	AUG 05,2014	JNC	RS
REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
CHKD	CASTIGLIONE	DATE AUG 05,2014	DATE	DATE
CHKD	DATE	APPRV R. SCHERER	DATE	DATE
DIVISION	Interconnect Solutions	DIVISION CODE	EMSD	
DO NOT SCALE DRAWING	SCALE 4/1	TOLERANCES EXCEPT AS NOTED		
THIRD ANGLE PROJECTION		INCHES .00 ± .01 .000 ± .0005 .0000 ±		
INTERPRET PER ASME Y14.5 - 2009		MILLIMETERS 0 ± .0 ± .13 .000 ±		
MAX SURFACE ROUGHNESS		DEF SURFACES		
MARKED ONLY		ANGLES		
CAGE NUMBER	SIZE	DRAWING NO.	REV.	
D	78-5100-0774-9	K		
MODEL	3000 SERIES	DET	LISTS	YES XNO
SHT	3	OF	3	