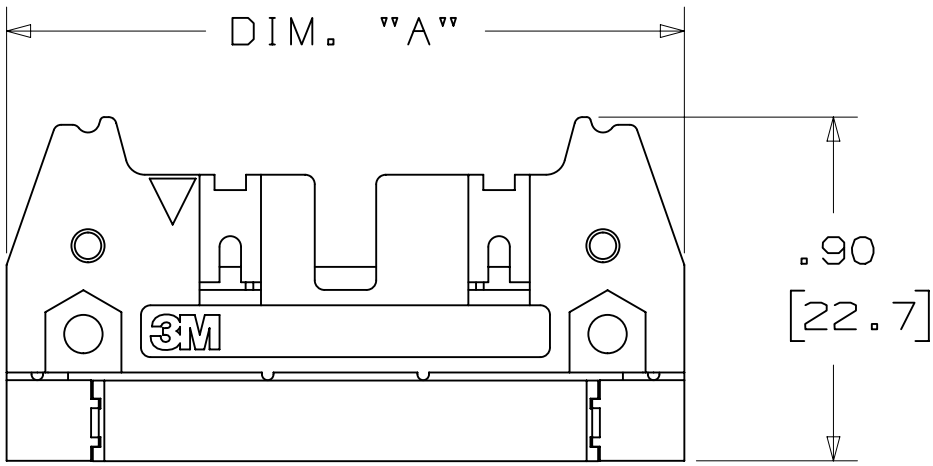
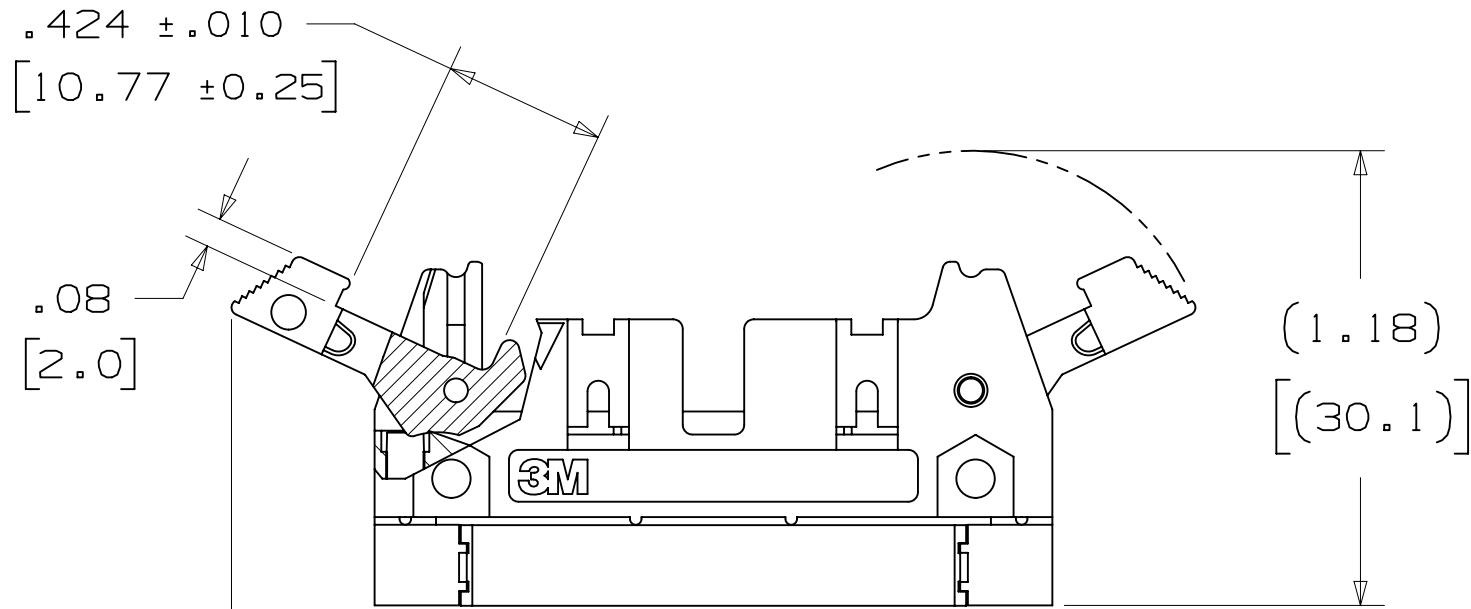


3M™ THREE-WALL CONDO HEADER, 3000 SERIES

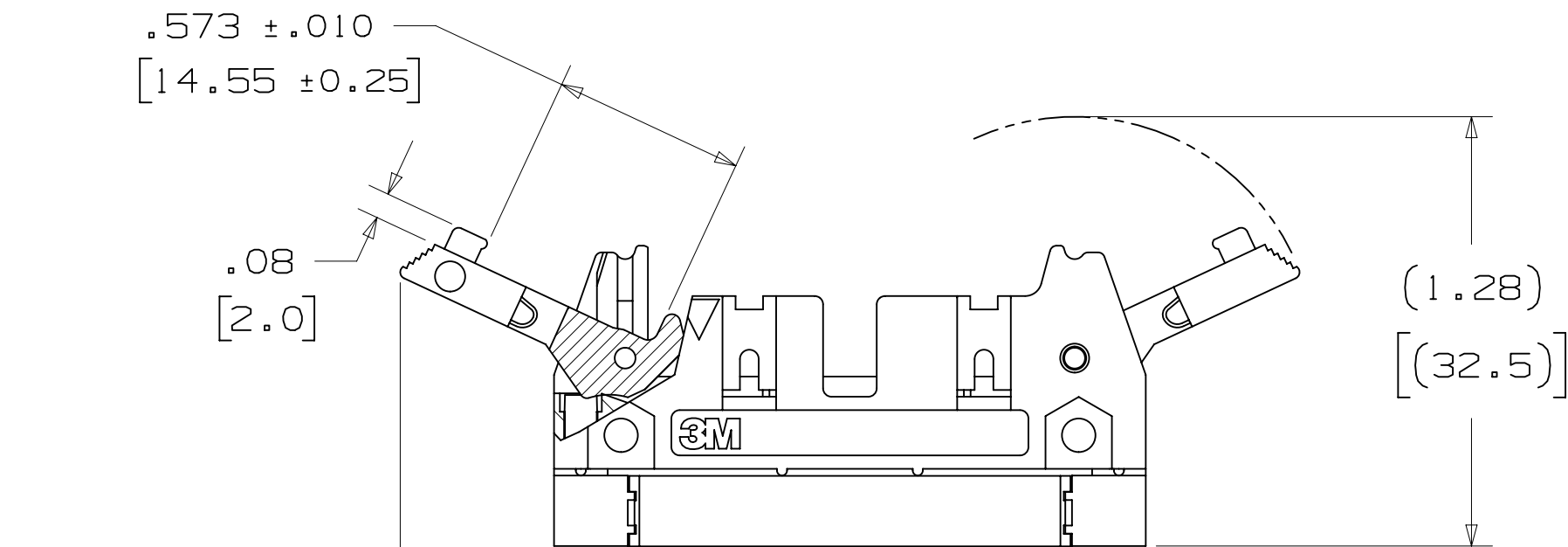
.100" X .100" LATCH/EJECTOR, RIGHT ANGLE



-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: GLASS FILLED POLYESTER (PCT)
FLAMMABILITY: UL94V-0
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) WITH Ø .116 [2.95] MOUNTING HOLE.

ORDERING INFORMATION

X3XXX-DXXXXX

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

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

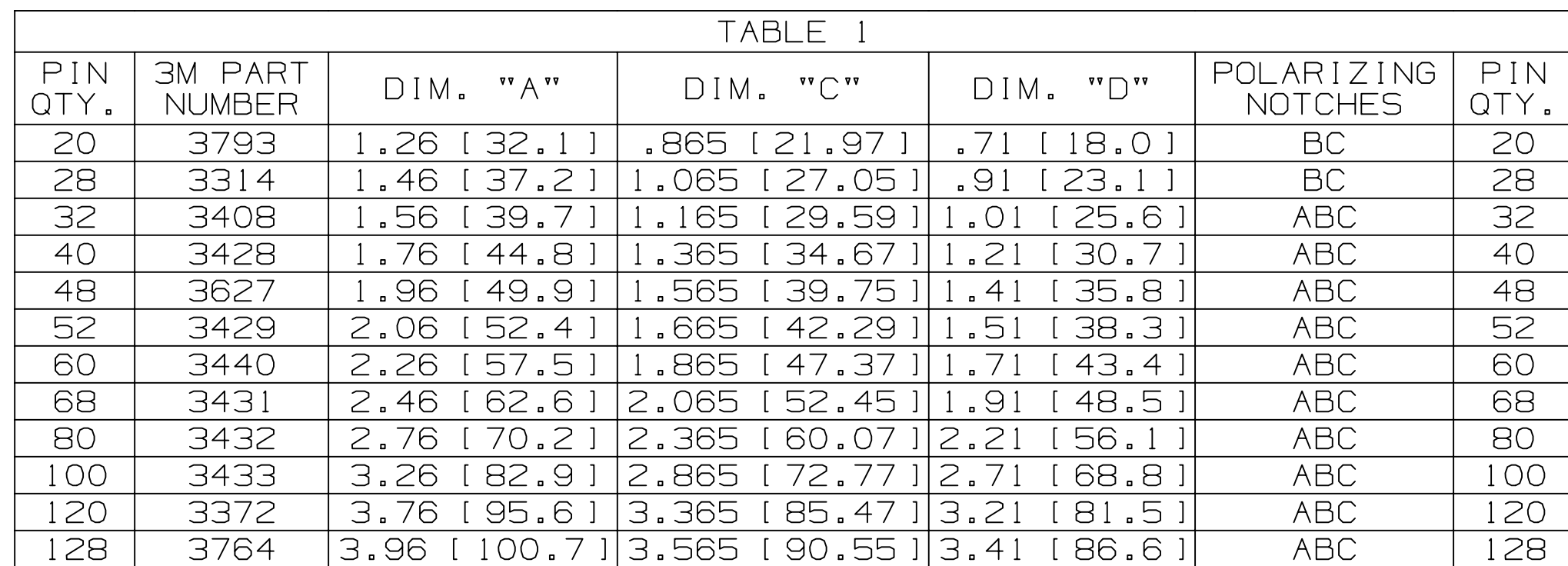
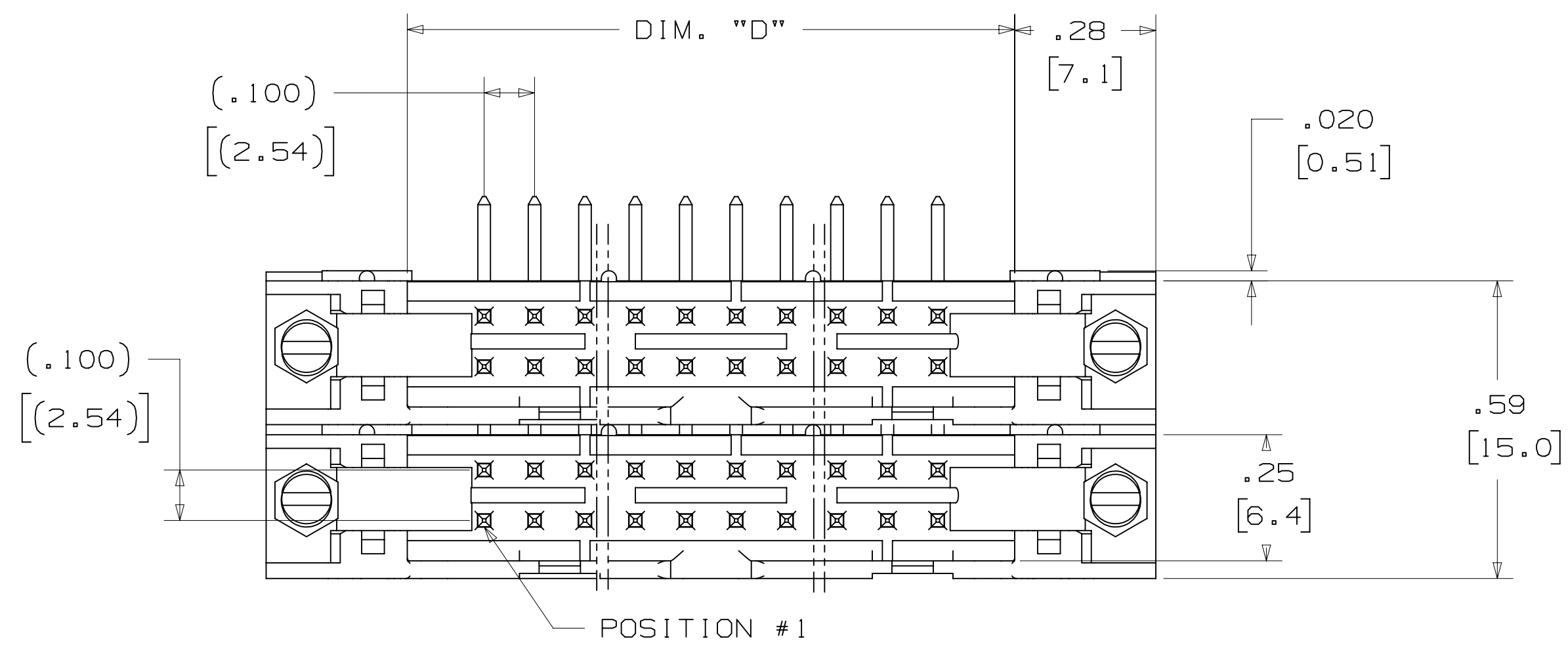
3M IS A TRADEMARK OF 3M COMPANY.
FOR TECHNICAL, SALES OR ORDERING
INFORMATION CALL 800-225-5373

UL FILE NO: E68080

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

DESIGN REFERENCE	NEXT ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
3000						
DIVISION	DIVISION CODE	DATE	DATE	DATE	DATE	DATE
Interconnect Solutions	EMSD	AUG 05, 2014	AUG 05, 2014	AUG 05, 2014	SEP 05, 2014	
DO NOT SCALE DRAWING	SCALE 2 1	TOLERANCES EXCEPT AS NOTED				
THIRD ANGLE PROJECTION	INTERPRET PER ASME Y14.5 - 2009	MILLIMETERS 0 ± .000 ± .0005 ± .0000 ±				
MAX SURFACE ROUGHNESS	INTERPRET PER ASME Y14.5 - 2009	INCHES .0 ± .000 ± .0005 ± .0000 ±				
MARKED ONLY						
CAGE NUMBER	SIZE	DRAWING NO.	REV.			
D	78-5100-0773-1	K				
MODEL	3000 SERIES	DET	YES	NO	SHT	1 OF 3

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

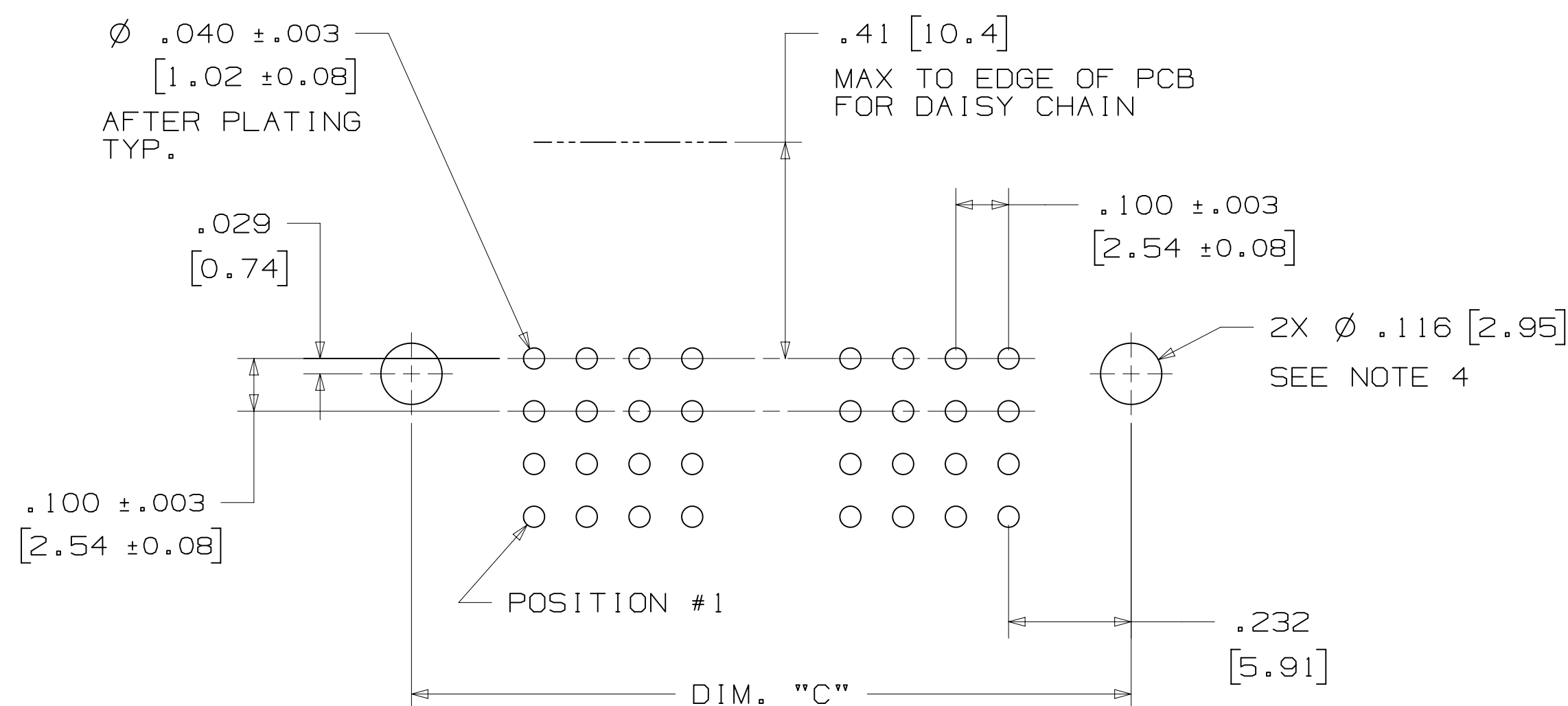


NOTE :
.112 [2.84] TAIL LENGTH SUITABLE FOR
.062 [1.57] THICK PC BOARD.

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	APPROVAL R. SCHERER		DATE SEP 05,2014	
		© 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, 3-WALL, CONDO, .100 X .100 LATCH/EJECTOR, RA						
CAGE NUMBER		SIZE DRAWING NO.				REV.
D		178-5100-0773-1				K
MODEL		3000 SERIES		DET. LISTS ☐ YES ☒ NO SHT 2 OF 3		

Imaged: K.1 3/6/2015 12:56 PM UTC-06:00

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

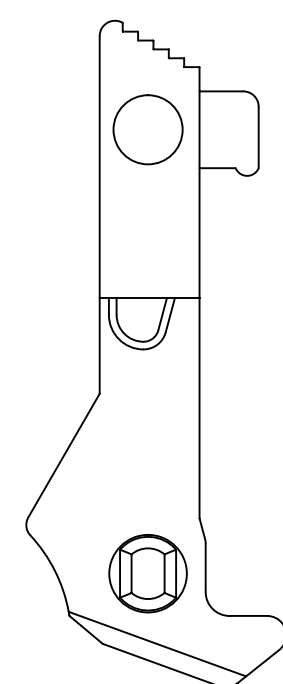


PART CUSTOMIZATION

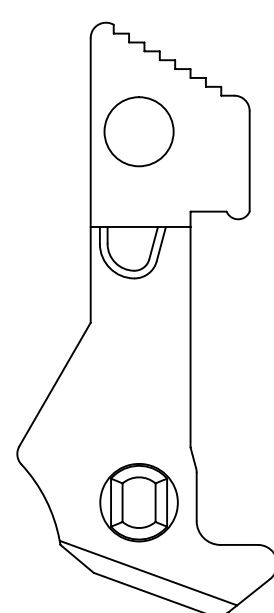
3M HAS SEVERAL CAPABILITIES THAT CAN PROVIDE A PART TAILORED TO YOUR SPECIFIC NEEDS. ASK YOUR 3M SALES REPRESENTATIVE OR CUSTOMER SERVICE FOR MORE DETAILS.

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.

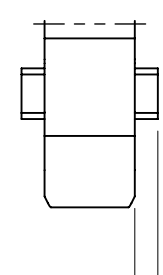
MATERIAL	SHORT LATCH	LONG LATCH	LATCH STYLE	COLOR
HIGH TEMP. (PCT)	N3505-2B	N3505-3B	ROLL PIN	BLACK
HIGH TEMP. (PPA)	N3505-30B	N3505-31B	SNAP-IN	BLACK



LONG



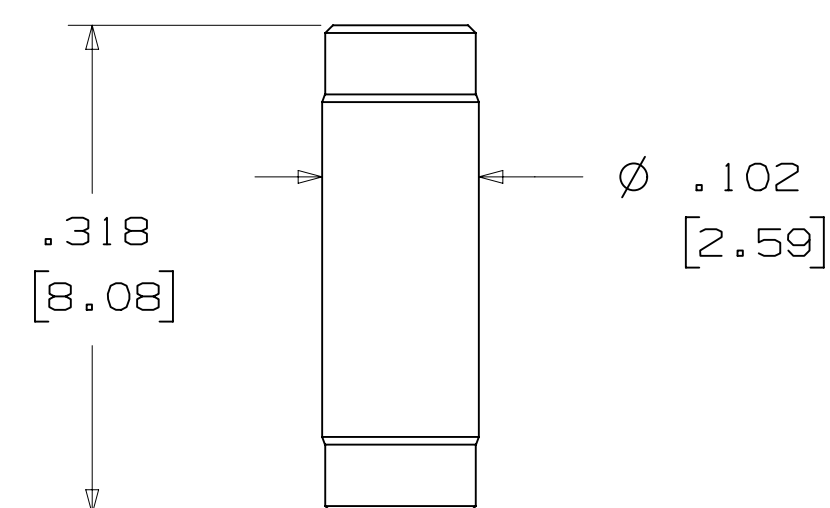
SHORT



-. (.03)
[(0.8)]
TYP.

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

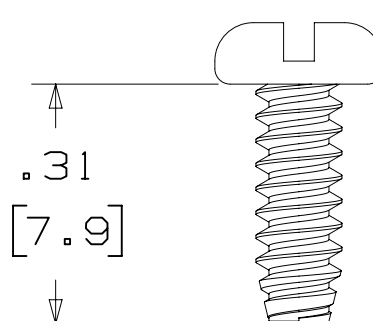
POLARIZING POST



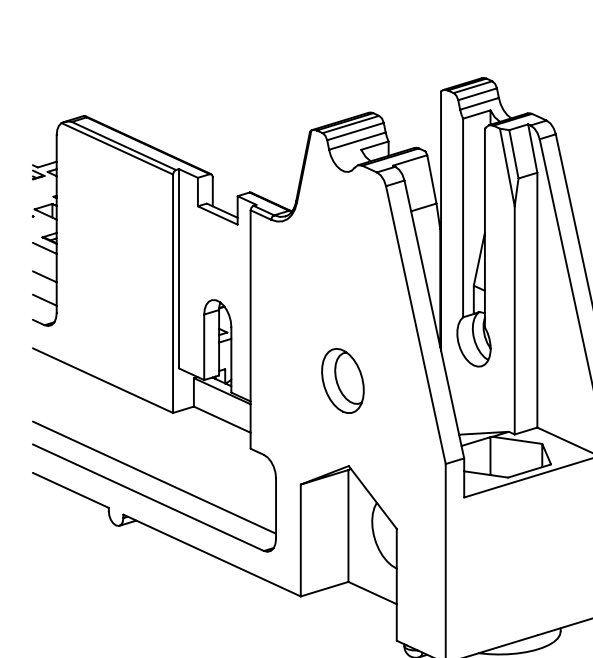
3M PART NO.	MATERIAL	COLOR
3201-4	LCP	BLACK

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

MOUNTING HARDWARE

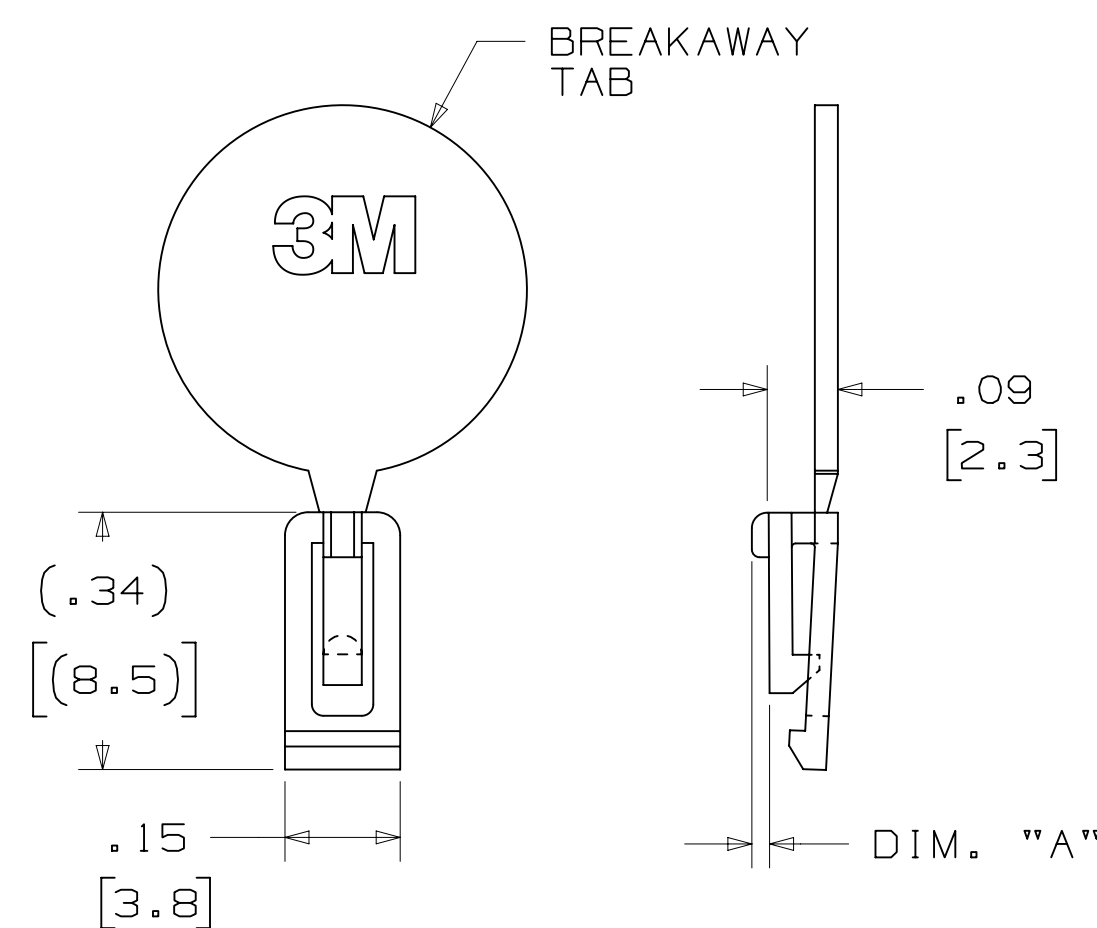


3341-5
(INSTALL FROM BOTTOM OF BOARD)
PANHEAD THREAD CUTTING SCREW:
#4-24 X 5/16"
TYPE: USA STD BT, FEDERAL BG
MATERIAL: STAINLESS STEEL



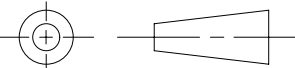
#4-24 TYPE BT SELF THREADING SCREW
WHEN USING LATCHES, MAXIMUM LENGTH
OF SCREW IS .250 INCHES PLUS
THICKNESS OF THE BOARD.
TORQUE FOR EACH SCREW IS 3-5 INCH LBS.

POLARIZING KEY



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

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

K		60056		MAR 06,2015		JNC		RS	
J		56068		AUG 05,2014		JNC		RS	
				REVISED AND REDRAWN					
REV		ECO		ISSUE DATE AND DESCRIPTION		DRFT		CHKD	
PART		CASTIGLIONE		DATE		AUG 05,2014		MFG	
CHKD				DATE				APPRV R. SCHERER	
								DATE SEP 05,2014	
DIVISION				DIVISION CODE				© 3M COPYRIGHT 2015	
Interconnect Solutions				EMSD				 This document and the information it contains are 3M property and may not be reproduced or further distributed without the express permission, or used or disclosed other than for 3M authorized purposes. All rights reserved.	
DO NOT SCALE		SCALE		TOLERANCES EXCEPT AS NOTED					
DRAWING		$\frac{4}{1}$							
		INCHES		$.0 \pm$ $.00 \pm .01$ $.0000 \pm .005$ $.0000 \pm$					
THIRD ANGLE PROJECTION				MILLIMETERS					
INTERPRET PER ASME Y14.5 - 2009				$0 \pm$ $.0 \pm .3$ $.00 \pm .13$ $.000 \pm$					
MAX SURFACE ROUGHNESS				☒ PLAIN SURFACES ☐ MARKED ONLY					
				ANGLES					
CAGE NUMBER		SIZE		DRAWING NO.		REV.			
D		D78-5100-0773-1		K					
MODEL		3000 SERIES		DET.		LISTS		YES ☒ NO	
								SHT 3 OF 4	