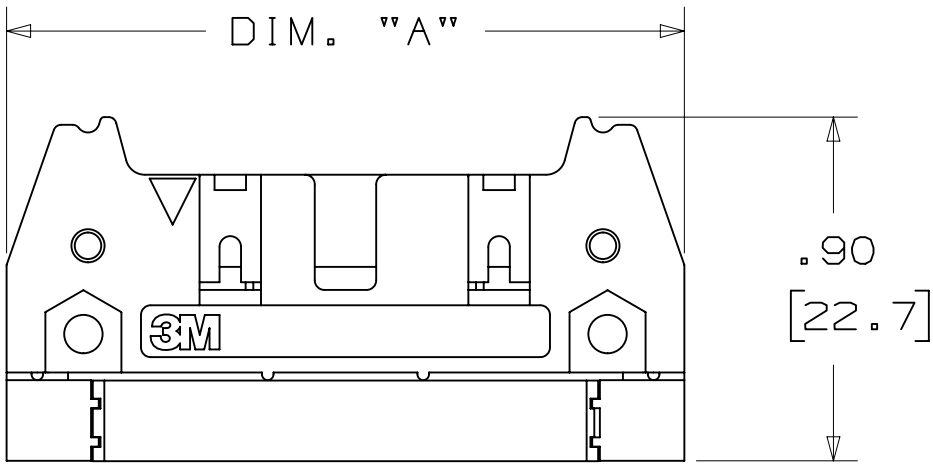
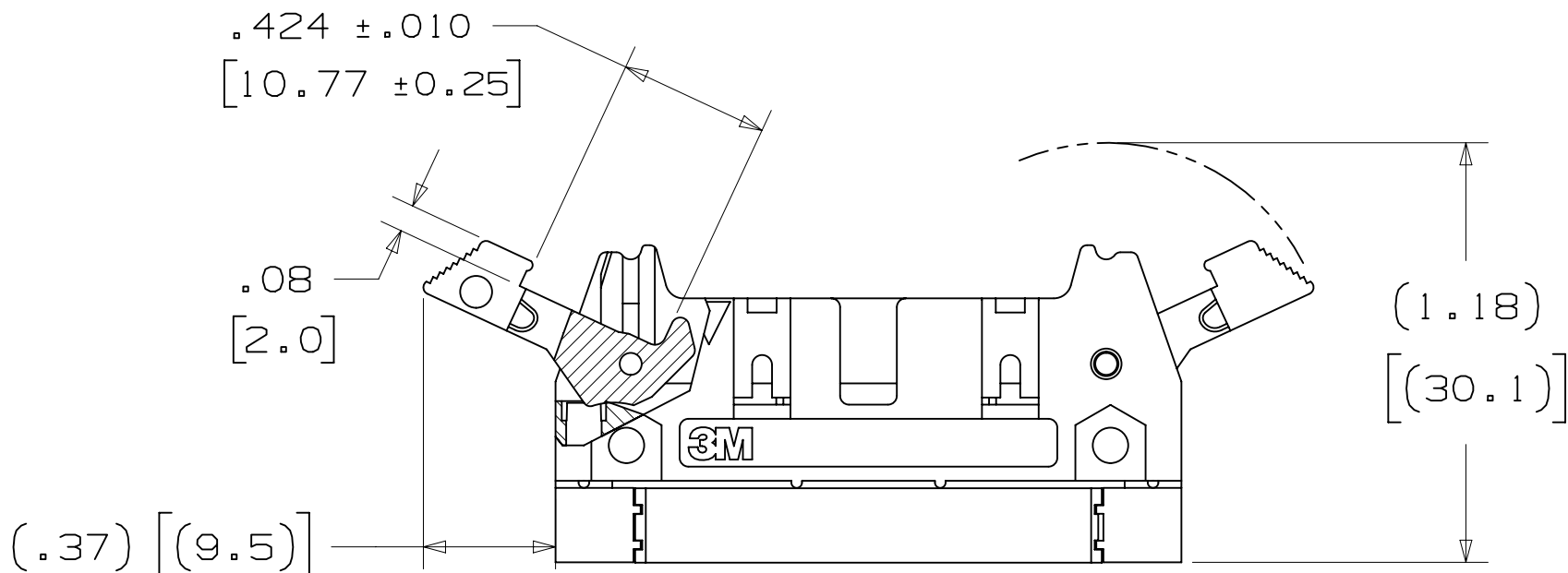


3M™ FOUR-WALL CONDO HEADER, 3000 SERIES

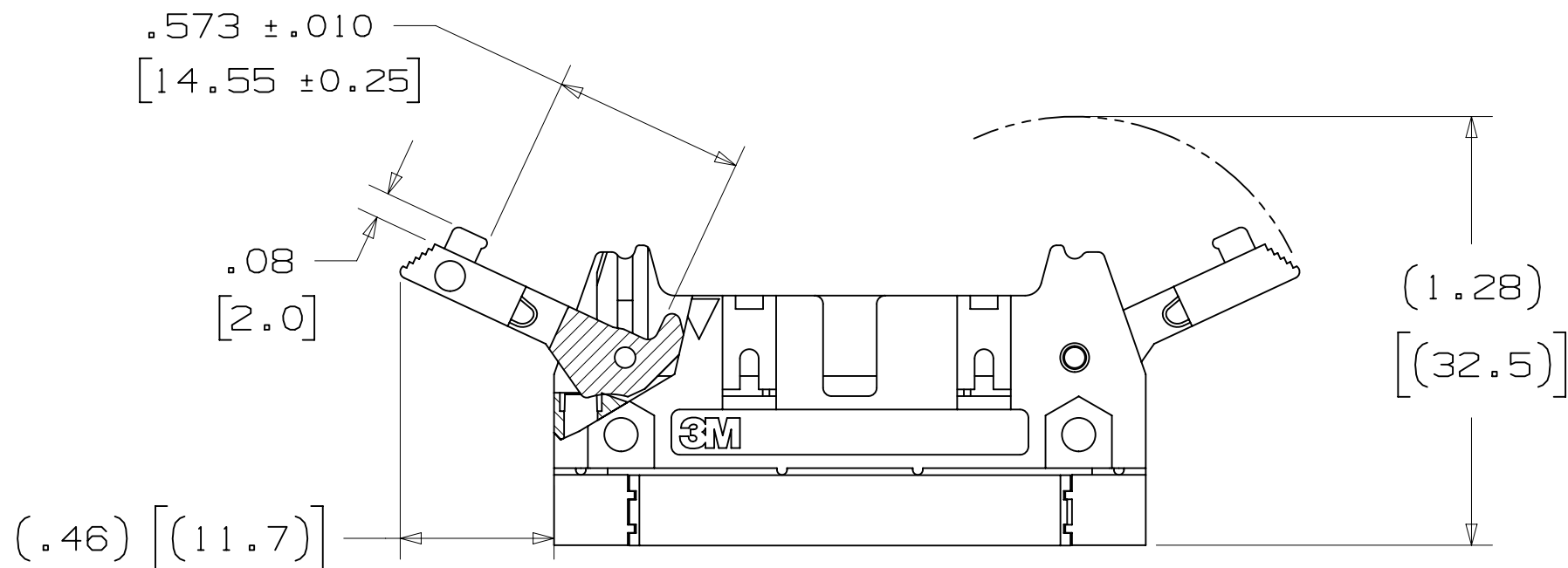
.100" X .100" LATCH/EJECTOR, RIGHT ANGLE



-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

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

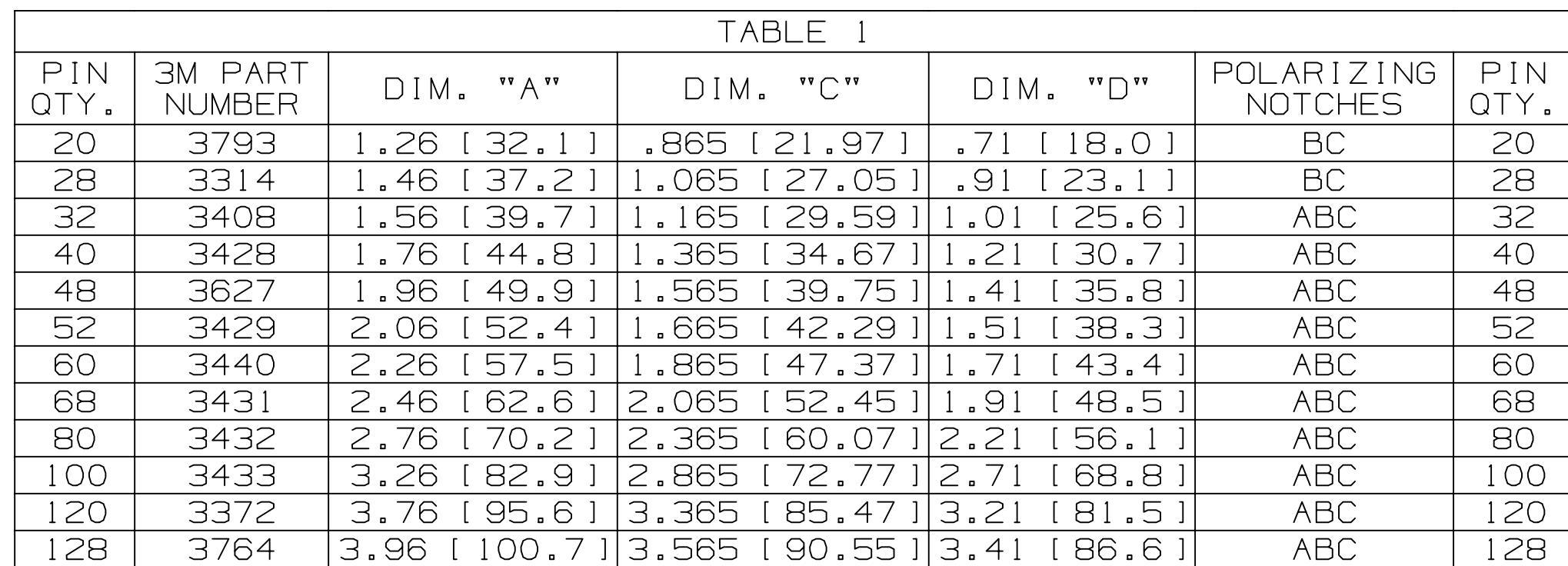
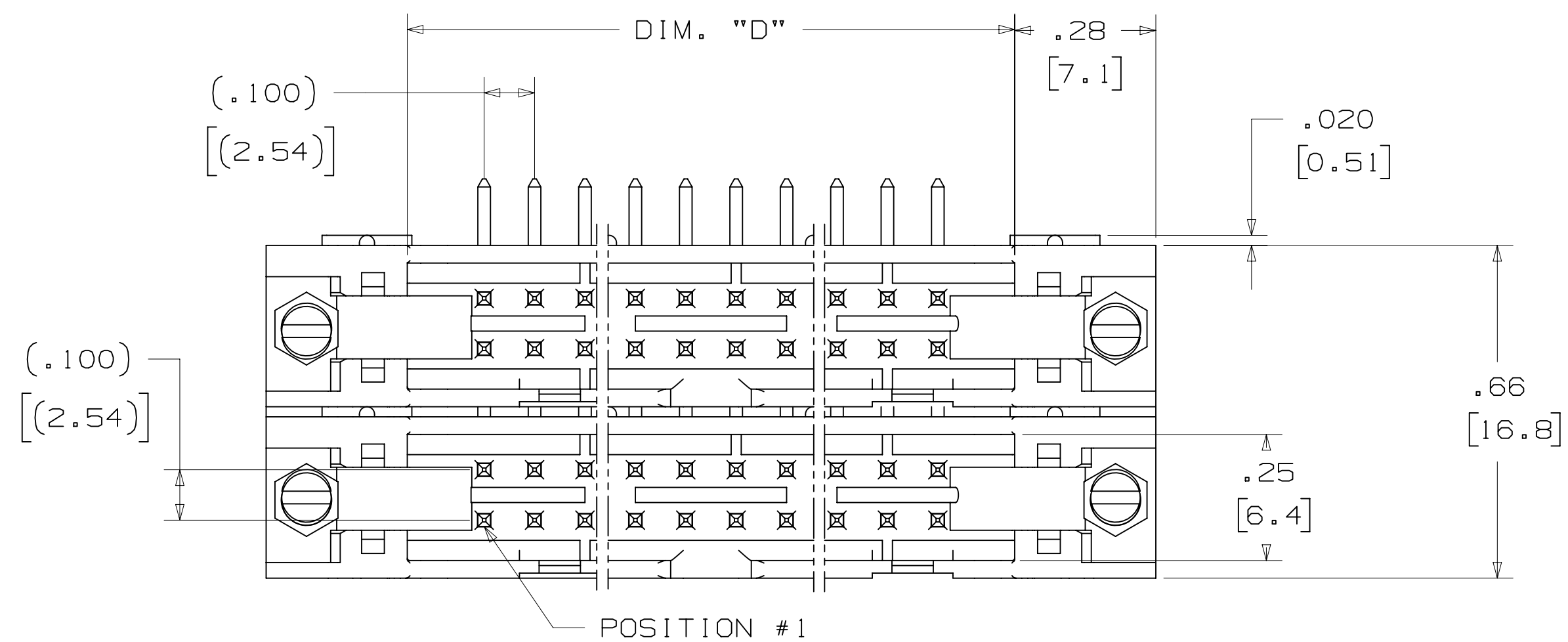
3M IS A TRADEMARK OF 3M COMPANY.
FOR TECHNICAL, SALES OR ORDERING
INFORMATION CALL 800-225-5373

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	DET SURFACES	INCHES .0 ± .000 ± .0005 ± .0000 ±				
MARKED ONLY	ANGLES					
CAGE NUMBER	SIZE	DRAWING NO.	REV.			
D	78-5100-0774-9	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		APPR 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.			
3M Center St. Paul, MN 55144					
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			
		DEF. LISTS		YES ☐ NO ☒	
		SHT		2 OF 3	

DESIGN REFERENCE		NEXT ASSEMBLY		REV.	ECO	ISSUE DATE AND DESCRIPTION		DWFT	CHKD
~~ACCESSORIES CODES~~				DWFT	CAS	LIONE		MFG	DATE
~~_____~~		~~_____~~		CHRD	DATE	APPRV. R. SCHERER		SHEET	OF 05,2014
DIVISION Interconnect Solutions		DIVISION CODE EMSD		© 3M COPYRIGHT 2015					
DO NOT SCALE DRAWING		TOLERANCES EXCEPT AS NOTED				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.			
SCALE $\frac{4}{1}$		INCHES .00 ± .01 .000 ± .005 .0000 ±							
 THIRD ANGLE PROJECTION		MILLIMETERS 0 ± .3 .00 ± .13 .000 ±		TITLE HEADER, 4-WALL, CONDO, 100 X 100 LATCH/EJECTOR, RA					
INTERPRET PER ASME Y14.5 - 2009				CAGE NUMBER		SIZE		DRAWING NO.	
~~MAX SURFACE ROUGHNESS~~ ~~✓~~ ☐ MARKED ONLY				D		78-5100-0774-9		K	
		ANGLES		MODEL		DET. LISTS		YES ☒ NO ☐	
				3000 SERIES				SHT 2 OF 2	

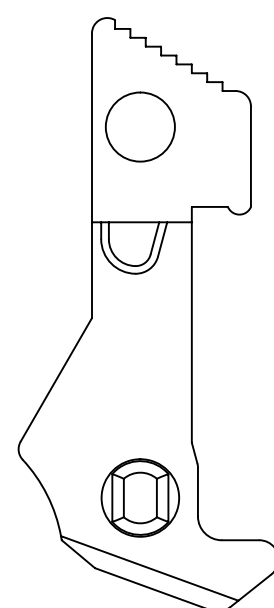
.100" X .100" LATCH/EJECTOR, RIGHT ANGLE



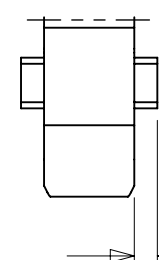
THIS SPEC SHEET DETAILS OUR STANDARD OFFERING.

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.

LONG



SHORT



(.03)
[(0.8)]
TYP.

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

Technical drawing of a vertical shaft. The total height is dimensioned as $.318$ [8.08]. The diameter is dimensioned as $\varnothing .102$ [2.59].

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

Technical drawing of a 3M Breakaway Tab. The drawing includes a top view and a side view.

Top View:

- The tab is circular with the "3M" logo in the center.
- A callout points to the outer edge, labeled "BREAKAWAY TAB".
- The inner diameter is dimensioned as $.34$ [8.5].
- The outer diameter is dimensioned as $.15$ [3.8].

Side View:

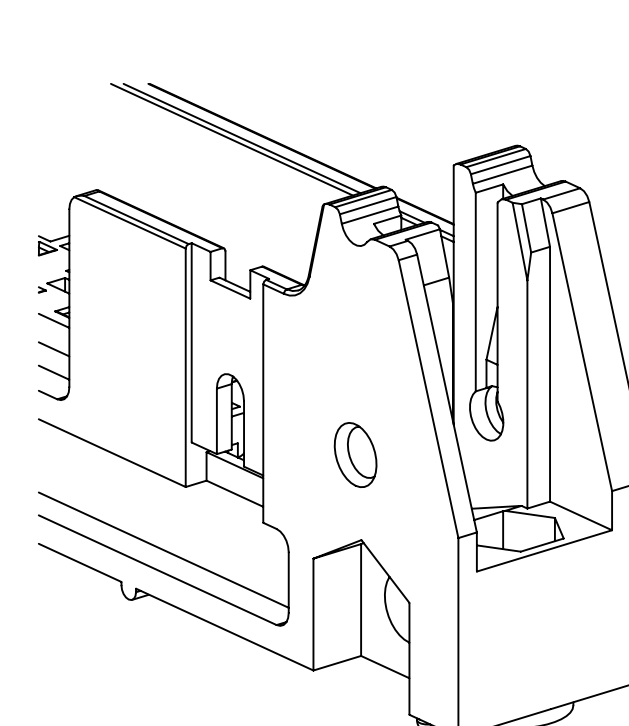
- The side view shows the profile of the tab.
- The thickness of the tab is dimensioned as $.09$ [2.3].
- The bottom edge is dimensioned as "DIM. 'A'".

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

Technical drawing of a screw. The drawing shows the screw's profile with a hexagonal head. To the left of the screw, there are two dimension lines. The first dimension line is horizontal and labeled with the value ".31". The second dimension line is vertical and labeled with the value "[7.9]".

(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 REVISE ORDERING NUMBER	JNC	RS
J	56068	AUG 05, 2014 REVISED AND REDRAWN	JNC	RS
REVI	ECO	ISSUE DATE AND DESCRIPTION	DRIFT	CHKD
DRIFT	CASTIGLIONE	DATE AUG 05, 2014	MRB	DATE
CHKD		DATE	R. SCHERER	DATE SEP 05, 2020

DESIGN REFERENCE		NEXT ASSEMBLY		REV	ECO	ISSUE DATE AND DESCRIPTION		DRIFT	CHK
ACCORDS				DEPT	CASTIGLIONE	DATE	AUG 05, 2014	MFGS	DATE
				CHKD		DATE		APPRV	R. SCHERER
								DATE	SEP 05, 20
DIVISION				DIVISION CODE					
Interconnect Solutions				EMSD				© 3M COPYRIGHT 2015	
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				INCHES					
				MILLIMETERS					
 THIRD ANGLE PROJECTION				.00 ± .01 .000 ± .005 .000 ±		TITLE HEADER, 4-WALL, CONDO, .100 X .100 LATCH/EJECTOR, RA			
INTERPRET PER ASME Y14.5 - 2009				.00 ± .3 .00 ± .13 .000 ±					
~~MAX SURFACE ROUGHNESS~~ ~~MAX SURFACES~~ ☒ MARKED ONLY				ANGLES					
CAGE NUMBER		SIZE		DRAWING NO.		REV			
D		78-5100-0774-9				K			
MODEL		3000 SERIES		DET.		LISTS		YES ☐ NO ☒	
								SHT 3 OF	