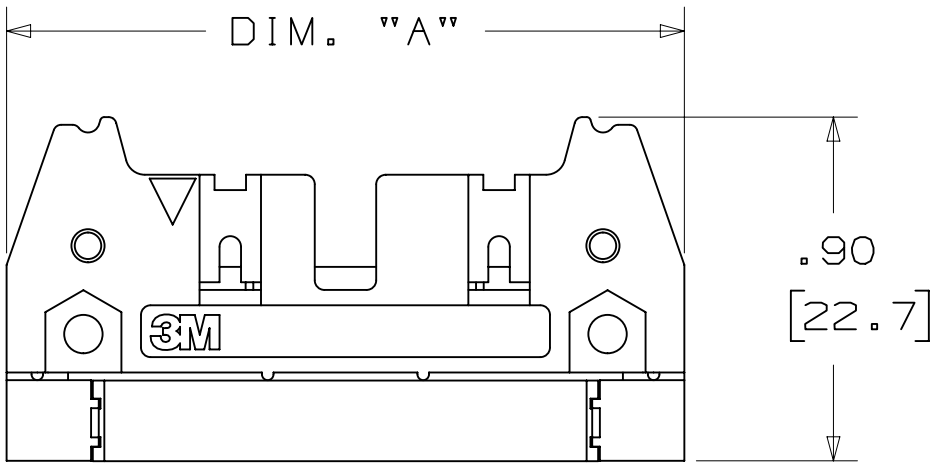
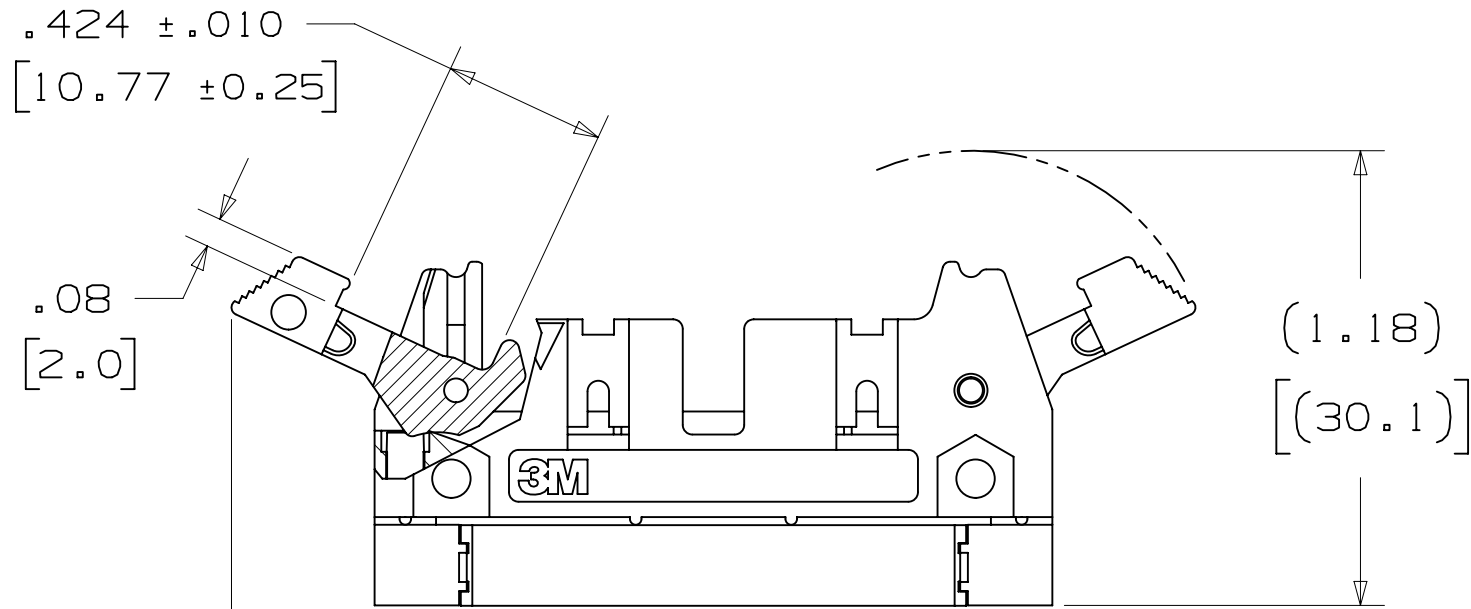


3M™ THREE-WALL CONDO HEADER, 3000 SERIES

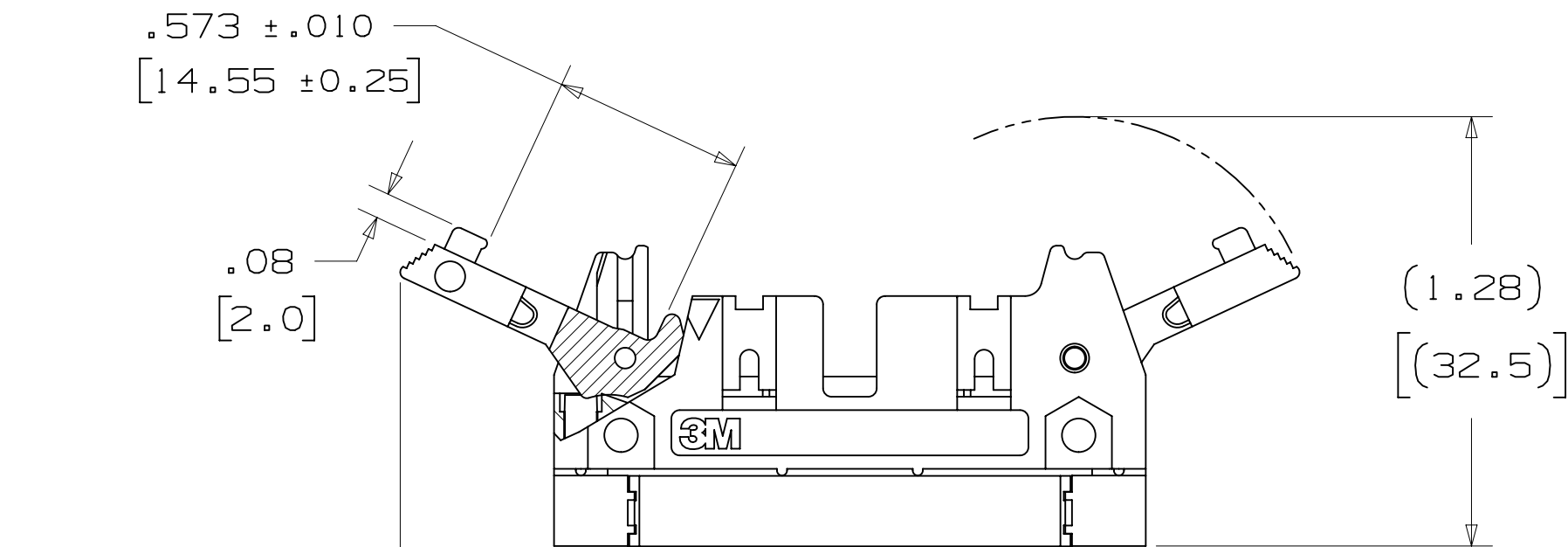
.100" X .100" LATCH/EJECTOR, RIGHT ANGLE



-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

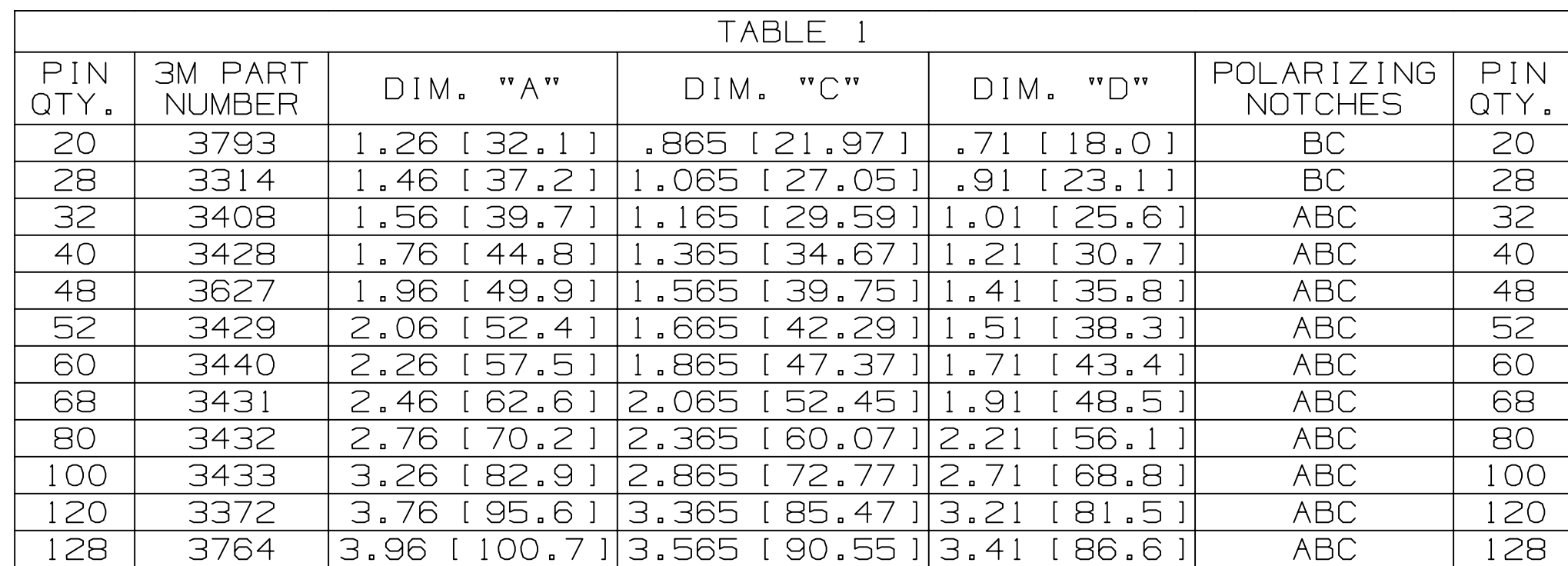
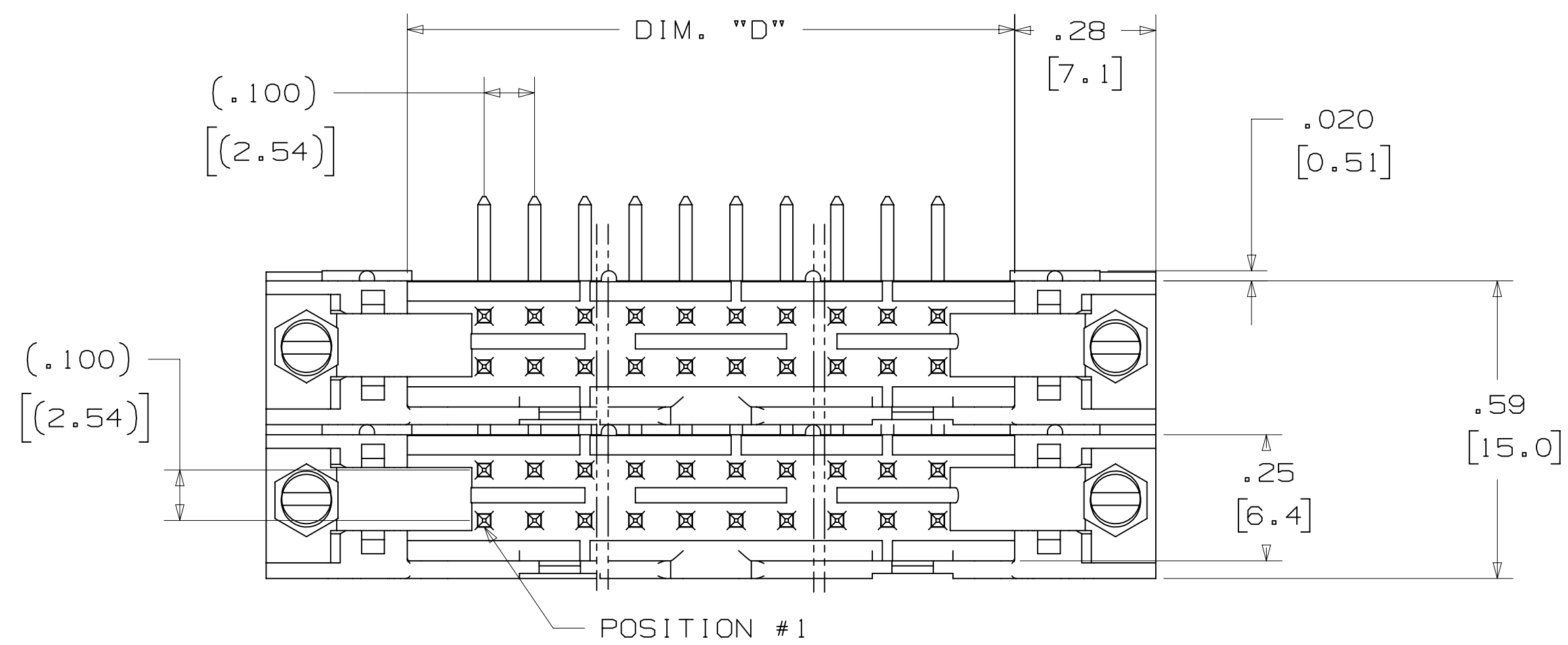
PLATING:
RB = 30μ" [0.76μm] GOLD AND 200μ" [5.08μm] MATTE TIN
(APP. E1 & C1 APPLY)
UB = 30μ" [0.76μm] GOLD AND 200μ" [5.08μm]
TIN LEAD (APP. E3 & C2 APPLY)

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

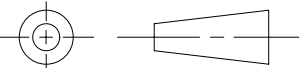
DIMENSIONS: INCHES [MM]
[MM] IS REF. ONLY

DESIGN REFERENCE		NEXT ASSEMBLY		REV	ECO	ISSUE DATE AND DESCRIPTION		DRFT	CHKD
ACCESS CODES				DRFT		CAST 1 G1 IONE			
				DATE		AUG 05, 2014		MFG DATE	
				CHKD		DATE		APPROVAL	
								R. SCHERER	
								DATE	
								SEP 05, 2014	
DIVISION		DIVISION CODE		© 3M COPYRIGHT 2015					
Interconnect Solutions		EMSD		3M Center		This document and the information it contains are 3M property and may not be reproduced or further distributed without the 3M permission, or used or disclosed other than for 3M authorized purposes. All rights reserved.			
DO NOT SCALE DRAWING		SCALE 2 1		TOLERANCES EXCEPT AS NOTED					
		INCHES		.00 ± .01					
THIRD ANGLE PROJECTION		.000 ± .005		.0000 ± .0000					
INTERPRET PER ASME Y14.5 - 2009		MILLIMETERS		.00 ± .3					
MAX SURFACE ROUGHNESS		.00 ± .13		.000 ± .000					
✓ MIN SURFACES		.000 ± .000		.000 ± .000					
□ MARKED ONLY		.000 ± .000		.000 ± .000					
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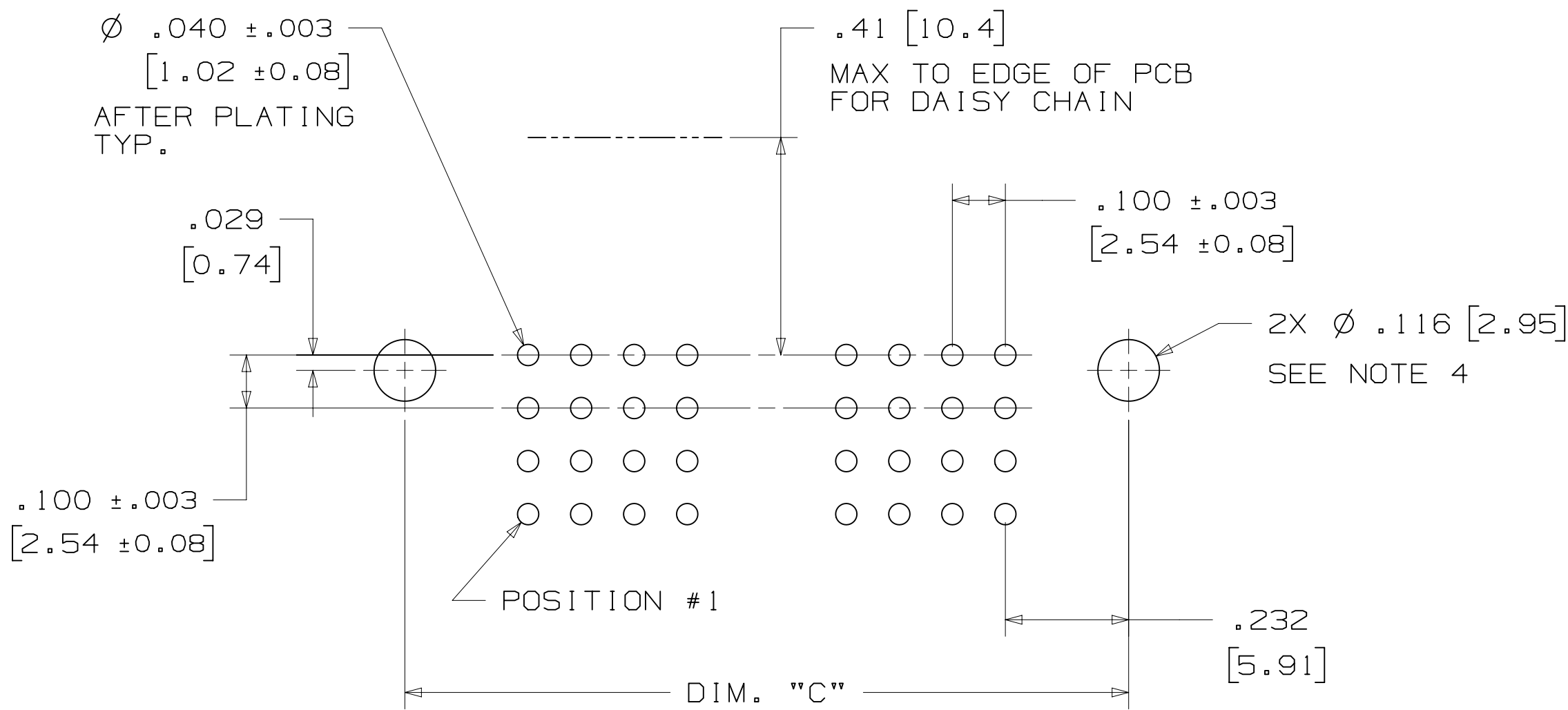
.100" X .100" LATCH/EJECTOR, RIGHT ANGLE



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

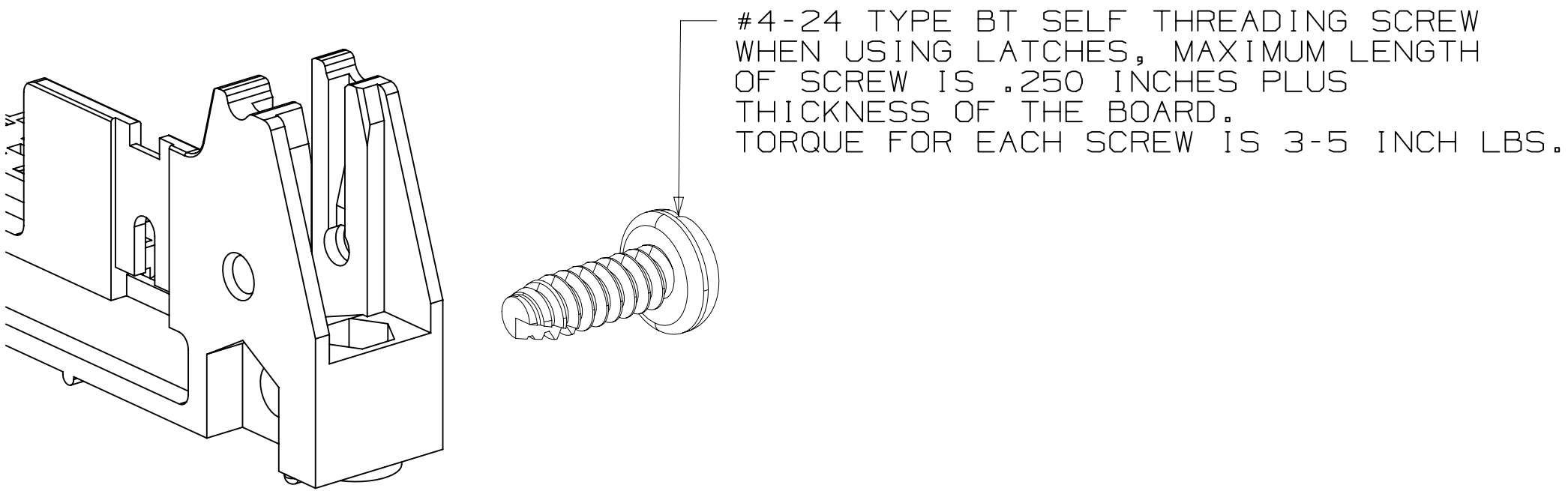
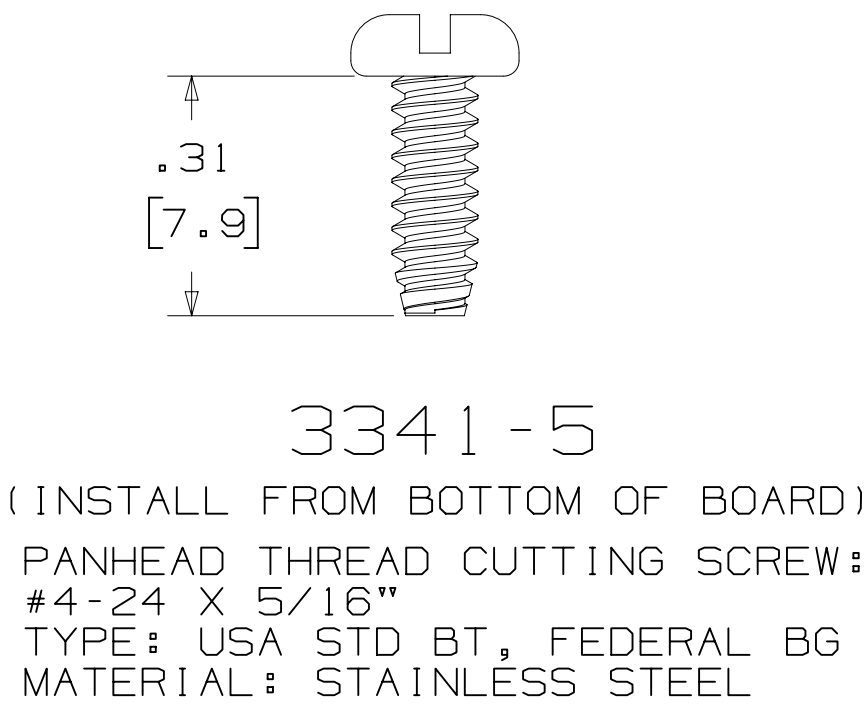
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J		56068		AUG 05, 2014		JNC		RS	
				REVISED AND REDRAWN					
DESIGN REFERENCE		NEXT ASSEMBLY		REV		ECO		ISSUE DATE AND DESCRIPTION	
ACCESS CODES				DRAFT		CSTIGLIONE		DATE	
				DATE		AUG 05, 2014		MFG	
				CHKD		DATE		SEP 05, 2014	
						APPROV R. SCHERER			
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DO NOT SCALE		SCALE		TOLERANCES EXCEPT AS NOTED					
DRAWING		1							
		INCHES		.0 .00 ± .01 .000 ± .005 .0000 ±		TITLE HEADER, 3-WALL, CONDO, 100 X 100 LATCH/EJECTOR, RA			
THIRD ANGLE PROJECTION									
INTERPRET PER ASME Y14.5 - 2009		MILLIMETERS		.0 0 ± .0 ± .3 .000 ± .13 .000 ±		CAGE NUMBER D 78-5100-0773-1			
MAX SURFACE ROUGHNESS DATE SURFACES ☒ MARKED ONLY									
		ANGLES		3000 SERIES		REV.		K	
				MODEL		LISTS		YES ☒ NO ☐	
						SHT 2 OF 3			

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



RECOMMENDED MOUNTING HOLE PATTERN

MOUNTING HARDWARE



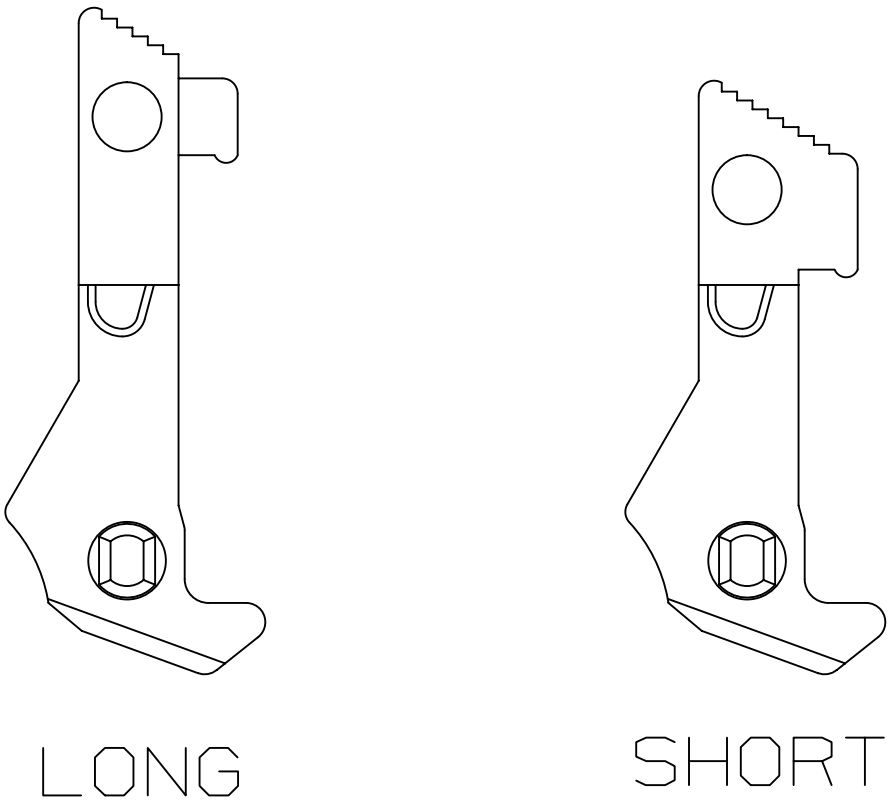
PART CUSTOMIZATION

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.

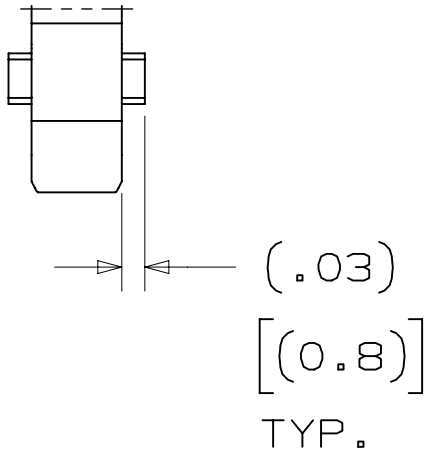
BOTH SNAP-IN AND ROLL PIN LATCHES MAY BE ORDERED SEPARATELY. SNAP-IN AND ROLL PIN STYLE LATCHES ARE DIMENSIONALLY AND FUNCTIONALLY EQUIVALENT. IF ORDERING SNAP-IN OR ROLL PIN STYLE LATCHES SEPARATELY, PLEASE USE THE BELOW CHART.

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

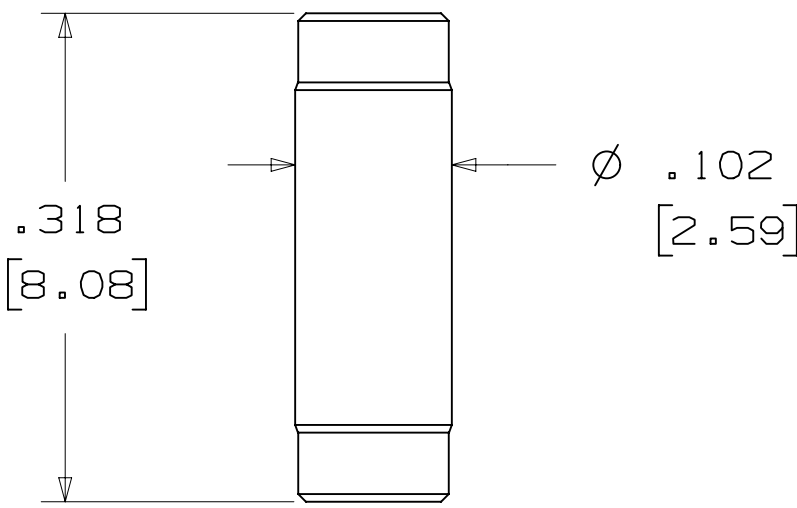


SNAP-IN LATCHES

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



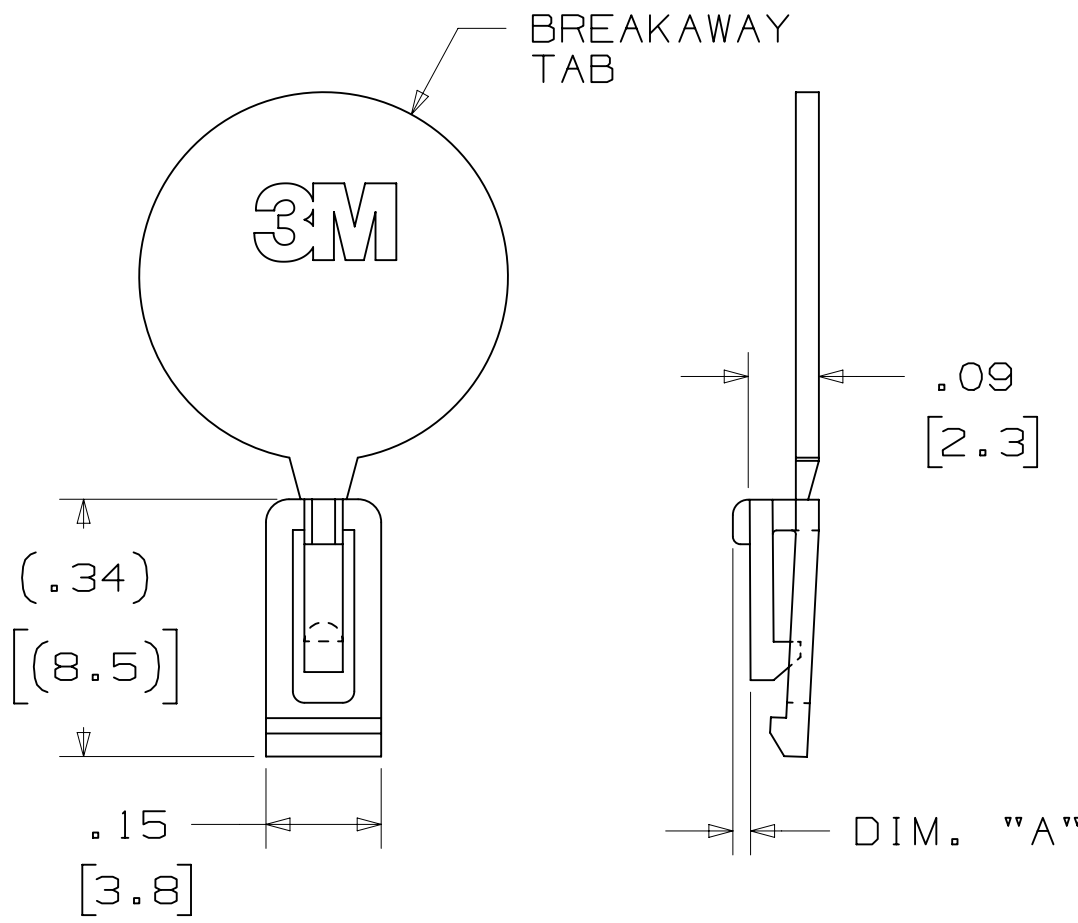
POLARIZING POST



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
ACCESS CODES				DRFT CASTIGLIONE		DATE AUG 05, 2014		MRG	DATE
				CHKD		DATE		REV R. SCHERER	DATE SEP 05, 2014
DIVISION		DIVISION CODE		3M		© 3M COPYRIGHT 2015			
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DO NOT SCALE DRAWING		SCALE 4 1		TOLERANCES EXCEPT AS NOTED		TITLE			
		INCHES .00 ± .01 .000 ± .005 .0000 ±				HEADER, 3-WALL, CONDO, .100 X .100 LATCH/EJECTOR, RA			
THIRD ANGLE PROJECTION		MILLIMETERS 0 ± .3 .00 ± .13 .000 ±				CAGE NUMBER			
INTERPRET PER ASME Y14.5 - 2009						DRAWING NO.			
MAX SURFACE ROUGHNESS						D78-5100-0773-1			
MIN SURFACES						REV. K			
MARKED ONLY						MODEL 3000 SERIES			
						DET. LISTS ☐ YES ☒ NO SHT 3 OF 4			