

3M™ WIREMOUNT SOCKET, 1522 SERIES
2MM X 2MM FOR 1MM PITCH CABLE

- * MATES WITH 1522 SERIES LATCH/EJECT HEADER
- 2MM X 2MM GRID PIN STRIPS.
- * LOW PROFILE
- * PREASSEMBLED COVERS
- * AVAILABLE WITH OR WITHOUT STRAIN RELIEF
- * AVAILABLE WITH OPTIONAL CENTERBUMP POLARITY FEATURE

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 PRECEDENT.
3	NOTE: APPLICATION TOOLS: 3640 PRESS (OR EQUIVALENT) 3443-118 LOCATOR PLATE 3442-9 PLATTEN
4	MEASURED AT TIP OF PIN.
5	TAPERED PIN TIP CONFIGURATION RECOMMENDED.

2 PHYSICAL :

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INSULATOR:
MATERIAL: GLASS FILLED POLYESTER (PBT)
FLAMMABILITY: UL94V-0
COLOR: GRAY
CONTACT:
MATERIAL: COPPER ALLOY
PLATING:
UNDER PLATING AND U-SLOT: 50-150μ" [ 1.27-3.81μm ] NICKEL-OVERALL
WIPIING AREA: AVERAGE GOLD - REFER TO ORDERING INFORMATION
WIRE ACCOMMODATION: 28 AWG STRANDED
MARKINGS: 3M LOGO, PART IDENTIFICATION NUMBER AND ORIENTATION TRIANGLE

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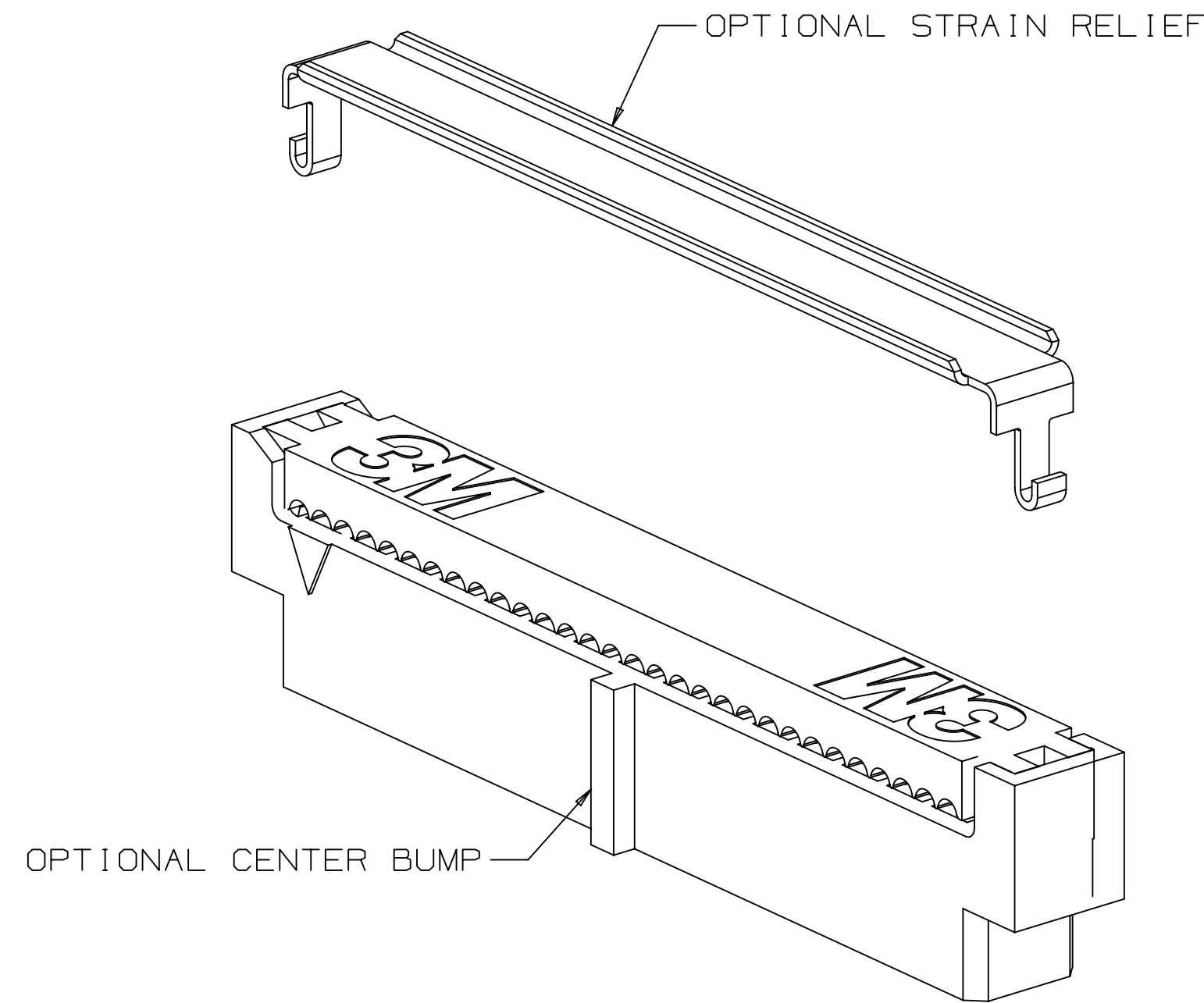
2 ELECTRICAL :

CURRENT RATING: 4.75A, 1 LINE POWERED
2.75A, 6 ADJACENT LINES POWERED
1.25A, ALL LINES POWERED
RATING CONDITIONS: EIA-364-070 METHOD 2, 30°C MAXIMUM
TEMPERATURE RISE, 20% DERATED. REFERENCE APPROPRIATE
3M PRODUCT SPECIFICATION FOR DETAILED CURRENT DERATING
CURVES.

INSULATION RESISTANCE: $>1 \times 10^9 \Omega$ AT 500 V_{DC}
WITHSTANDING VOLTAGE: 500V_{RMS} AT SEA LEVEL

2 ENVIRONMENTAL :

TEMPERATURE RATING: -55° C TO +105° C



ORDERING INFORMATION 3

1522XX-01XXGB

CONTACT QUANTITY:
(SEE TABLE 1)

PLATING:
GB = 30μ" AVG. GOLD

1 = PREASSEMBLED OPEN COVER

0 = NO POLARIZATION
1 = WITH CENTER BUMP

0 = NO STRAIN RELIEF
3 = WITH STRAIN RELIEF

ORDERING INFORMATION
OPTIONAL STRAIN RELIEF

3448-1522XX

- CONTACT QUANTITY:
(SEE TABLE 1)

ORDERING INFORMATION
OPTIONAL KEYING PLUG

3435-152200
(ORDER SEPARATELY)

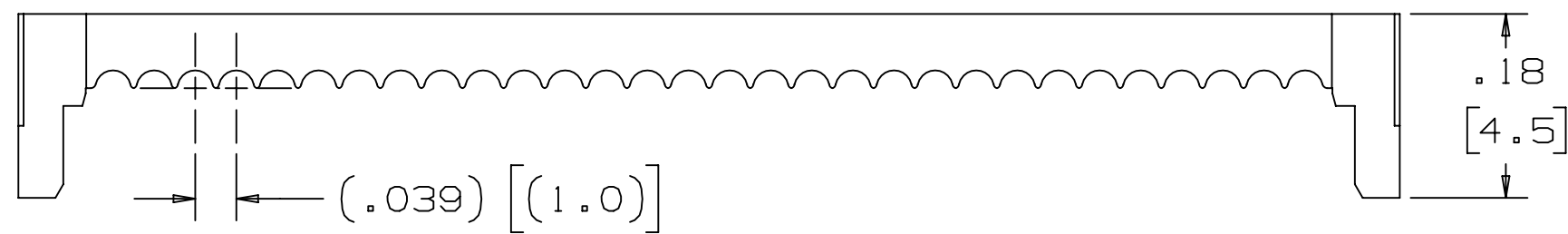
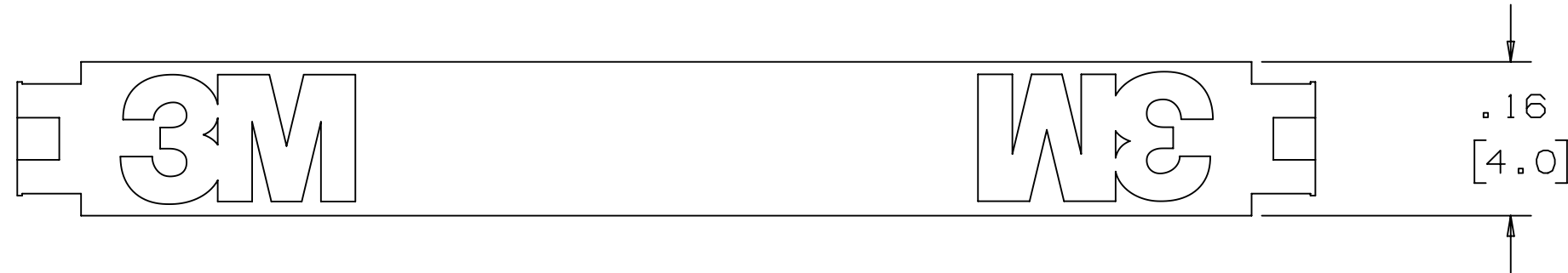
3M ELECTRONICS MATERIALS SOLUTIONS DIVISION
INTERCONNECT SOLUTIONS
<http://www.3M.com/interconnect>

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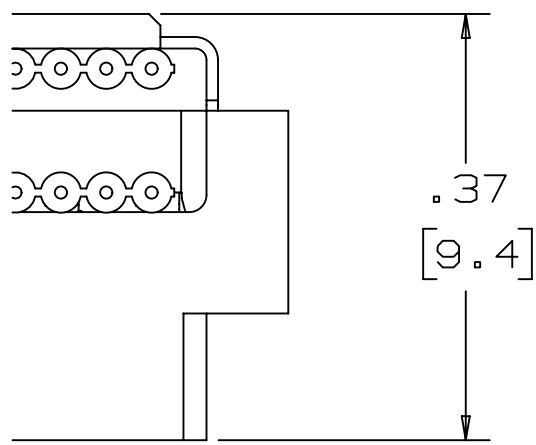
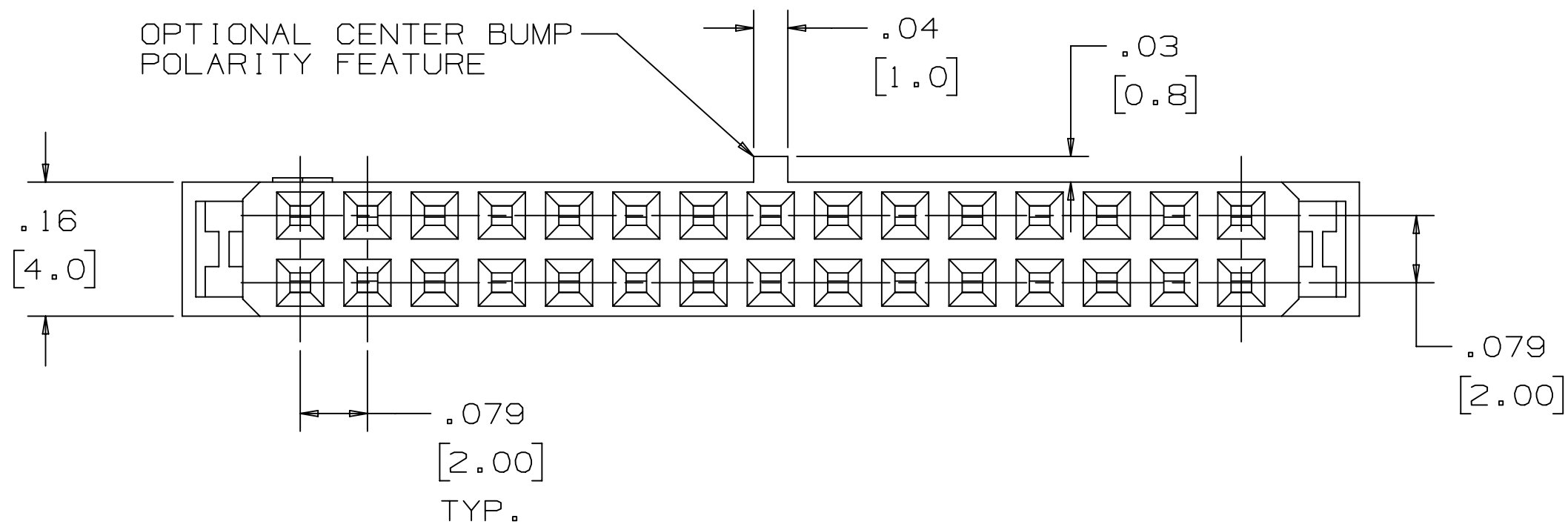
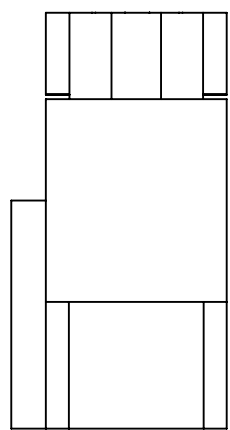
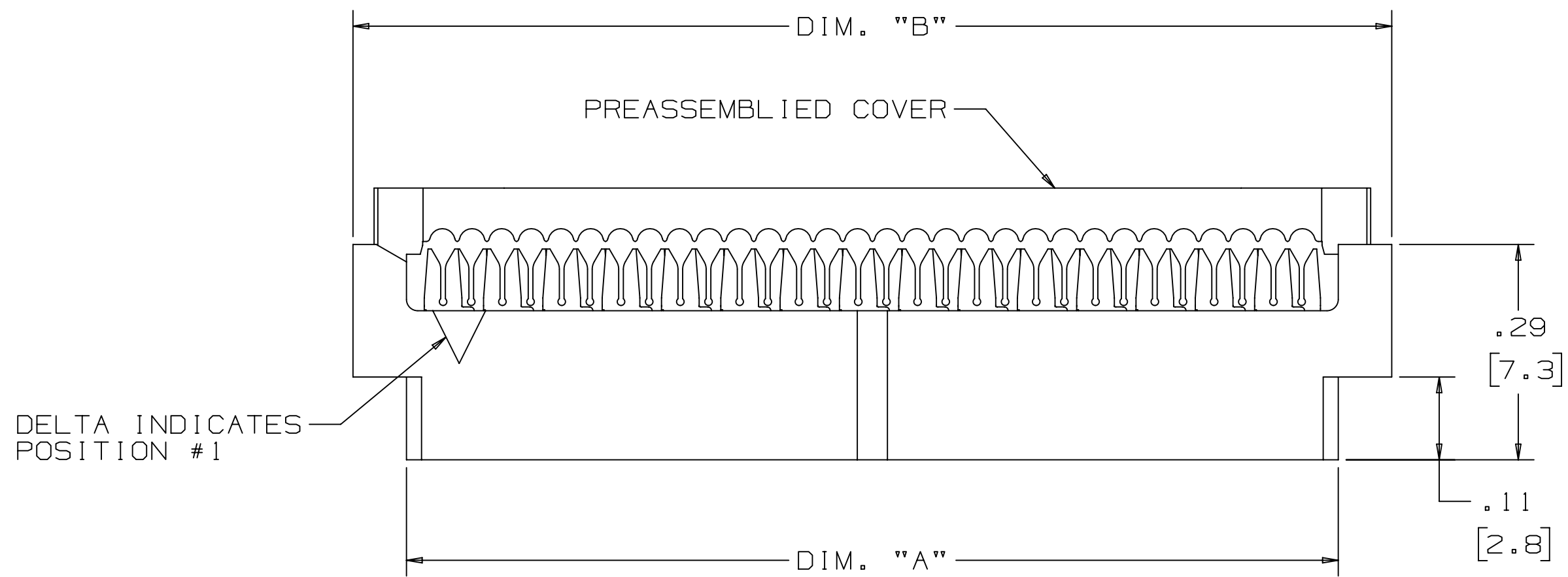


H		99400		SEP 21, 2021		JNC		FJR	
				REVISE ELECTRICAL SPEC'S					
G		97385		JUN 04, 2021		JNC		FJR	
				REVISED AND REDRAWN					
REV		ECO		ISSUE DATE AND DESCRIPTION		DRFT		CHKD	
DFT		CASTIGLIONE		DATE JUN 04, 2021		MFO		DATE	
CHKD				DATE		APPROVAL RODRIGUEZ		DATE JUN 04, 2021	
DIVISION		DIVISION CODE EMSD		<p>© 3M COPYRIGHT 2021</p> <p>This document and the information it contains are 3M property and may not be reproduced or further distributed without 3M permission, or used or altered other than for 3M authorized purposes. All rights reserved.</p>					
DO NOT SCALE DRAWING		SCALE 1/6		TOLERANCES EXCEPT AS NOTED		<p>3M 3M Center St. Paul, MN 55144</p>			
		THIRD ANGLE PROJECTION		INCHES .00 ±.01 .000 ±.005 .0000 ±.0002		TITLE WIREMOUNT SOCKET, 2MM X 2MM FOR 1MM PITCH CABLE, 1522 SERIES			
INTERPRET PER ASME Y14.5 - 2018		MILLIMETERS		.00 .01 .000 .000 ±.0002		CASE NUMBER SIZE D 78-5100-0523-0			
MAX SURFACE ROUGHNESS <input checked="" type="checkbox"/> ALL SURFACES <input type="checkbox"/> MARKED ONLY		<input checked="" type="checkbox"/> ALL SURFACES <input type="checkbox"/> MARKED ONLY		.00 .01 .000 .000 ±.0002		MODEL 1522 DET. LISTS <input checked="" type="checkbox"/> YES <input checked="" type="checkbox"/> NO SHT 1 OF 4			

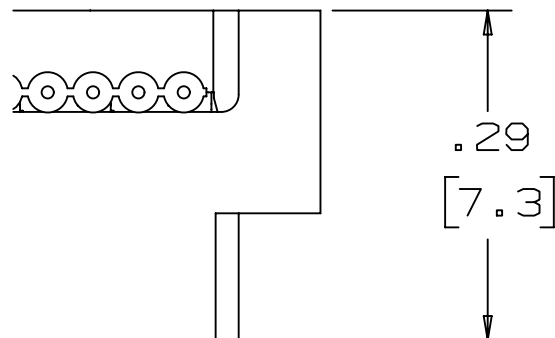
3M™ WIREMOUNT SOCKET, 1522 SERIES
2MM X 2MM FOR 1MM PITCH CABLE



VIEW OF COVER



ASSEMBLED HEIGHT
WITH STRAIN RELIEF

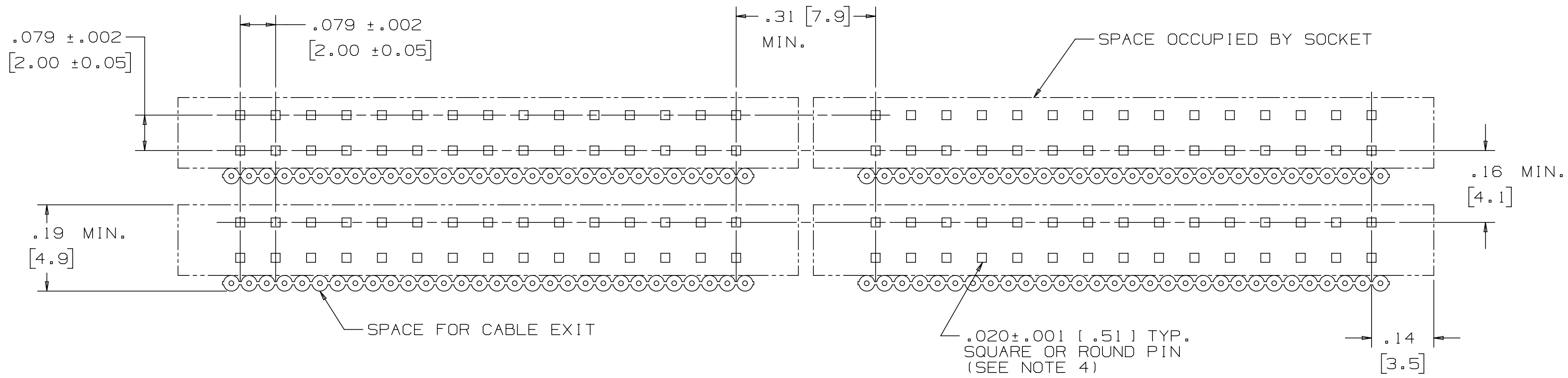


ASSEMBLED HEIGHT
WITHOUT STRAIN RELIEF

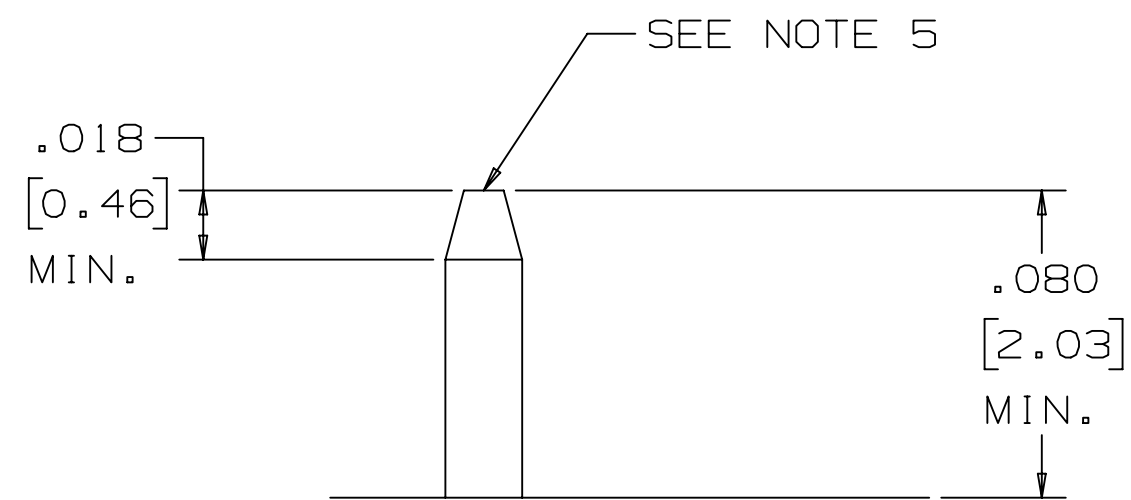
TABLE 1		
CONTACT QTY.	DIM. "A"	DIM. "B"
10	.45 [11.4]	.59 [15.0]
12	.53 [13.4]	.67 [17.0]
20	.84 [21.3]	.99 [25.0]
26	1.08 [27.4]	1.22 [31.0]
40	1.63 [41.4]	1.77 [45.0]
44	1.79 [45.5]	1.93 [49.0]
50	2.03 [51.3]	2.17 [55.0]

DESIGN REFERENCE		NEXT ASSEMBLY		H	99400	SEP 21, 2021	JNC	FJR
XREF CODES				G	97385	REVISE ELECTRICAL SPEC'S	JNC	FJR
DIVISION		DIVISION CODE		REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
DO NOT SCALE DRAWING		SCALE		DRFT	C	JUN 04, 2021	DATE	DATE
THIRD ANGLE PROJECTION		TOLERANCES EXCEPT AS NOTED		CHKD				
MAX. SURFACE ROUGHNESS		MILLIMETERS		© 3M COPYRIGHT 2021				
MARKED ONLY		INCHES		3M Center St. Paul, MN 55144				
		INTERPRET PER ASME Y14.5 - 2018		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.				
		TOLERANCES EXCEPT AS NOTED		WIREMOUNT SOCKET, 2MM X 2MM FOR 1MM PITCH CABLE, 1522 SERIES				
		CAGE NUMBER		D78-5100-0523-0				
		MODEL		1522				
		LISTS		YES NO SHT 2 OF 4				

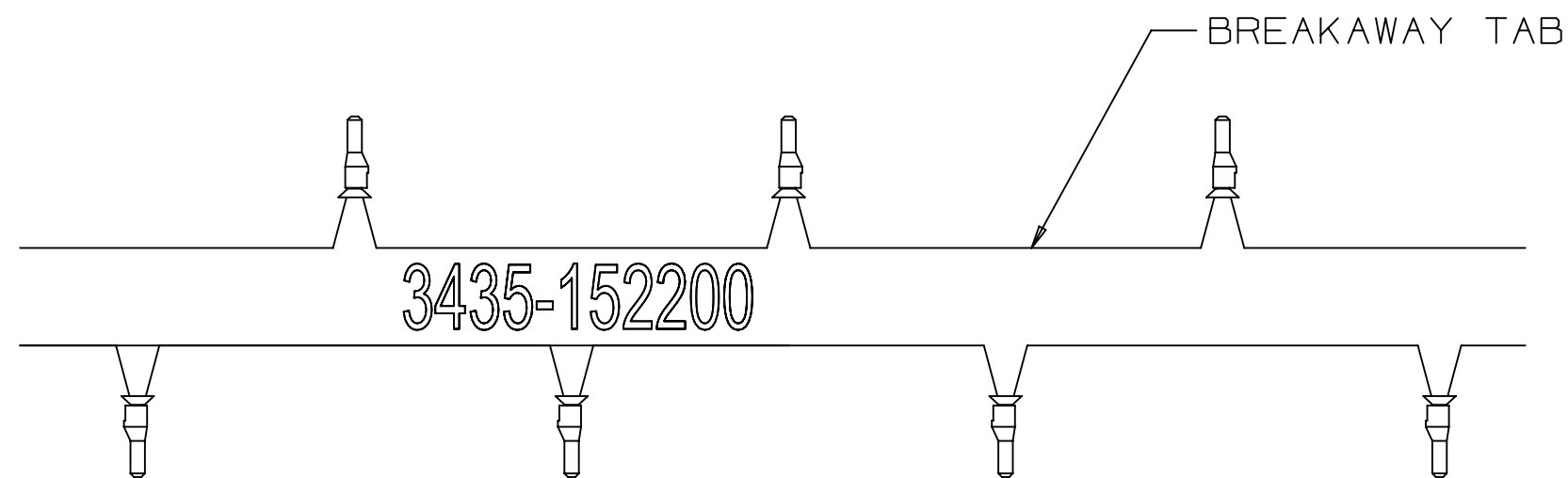
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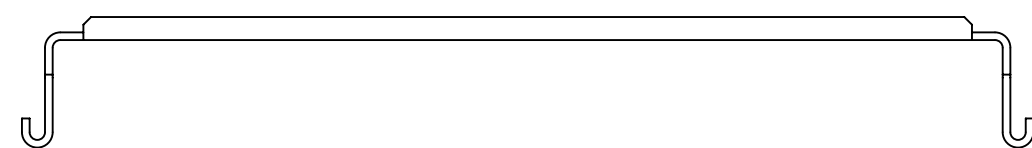
RECOMMENDED PIN PATTERN
FOR STACKED CONFIGURATIONS



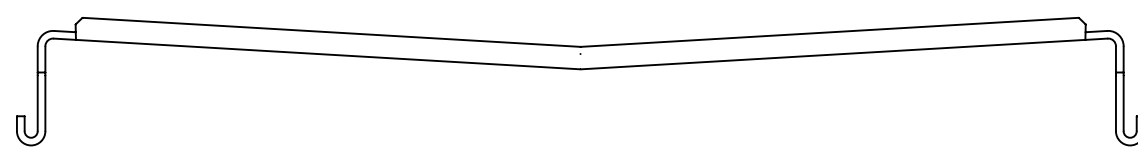
MATING PIN DETAIL



OPTIONAL KEYING PLUG
(ORDER SEPARATELY)



OPTIONAL STRAIN RELIEF
FOR POSITION 6 THRU 30



OPTIONAL STRAIN RELIEF
FOR POSITION 34 AND UP

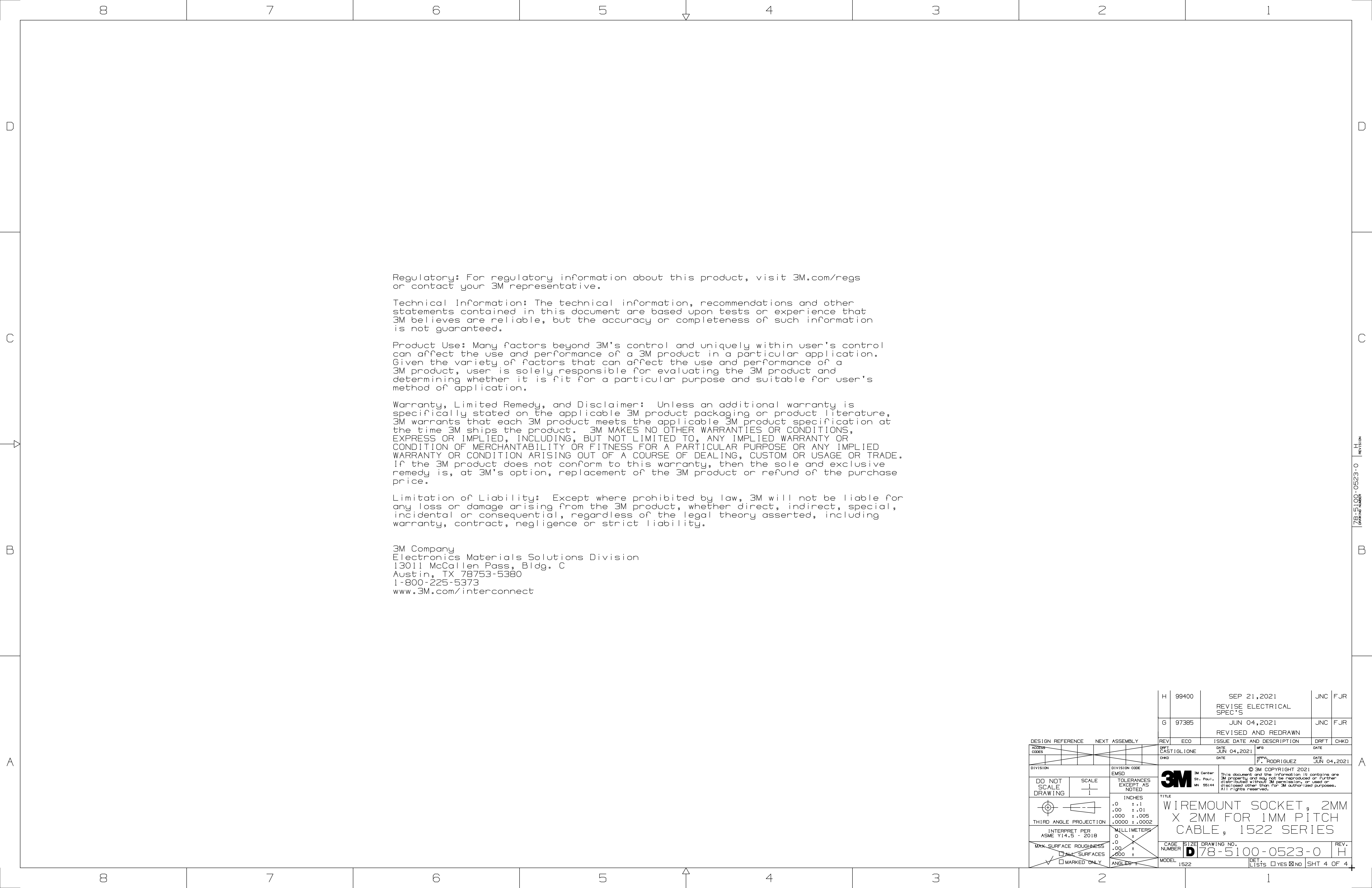
DESIGN REFERENCE		NEXT ASSEMBLY		REV	ECO	ISSUE DATE AND DESCRIPTION		DRFT	CHKD
XREF		XREF		DRFT	CASTIGLIONE	DATE	JUN 04, 2021	MFR	DATE
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THIRD ANGLE PROJECTION		INTERPRET PER ASME Y14.5 - 2018		MAX. SURFACE ROUGHNESS		ALL SURFACES		MARKED ONLY	
CAGE NUMBER		SIZE		DRAWING NO.		REV.		DET	
1522		D		78-5100-0523-0		H		SHT 3 OF 4	
MODEL		LISTS		YES		NO		SHT 3 OF 4	

H	99400	SEP 21, 2021	JNC	FJR
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CHKD		DATE		APPR
		DATE		F. RODRIGUEZ

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3M Center
St. Paul,
MN 55144

WIREMOUNT SOCKET, 2MM X 2MM FOR 1MM PITCH CABLE, 1522 SERIES



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MARKED ONLY		ANGLES		DRAWING NO.		
				REV.		
				DET		
				SHT 4 OF 4		

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