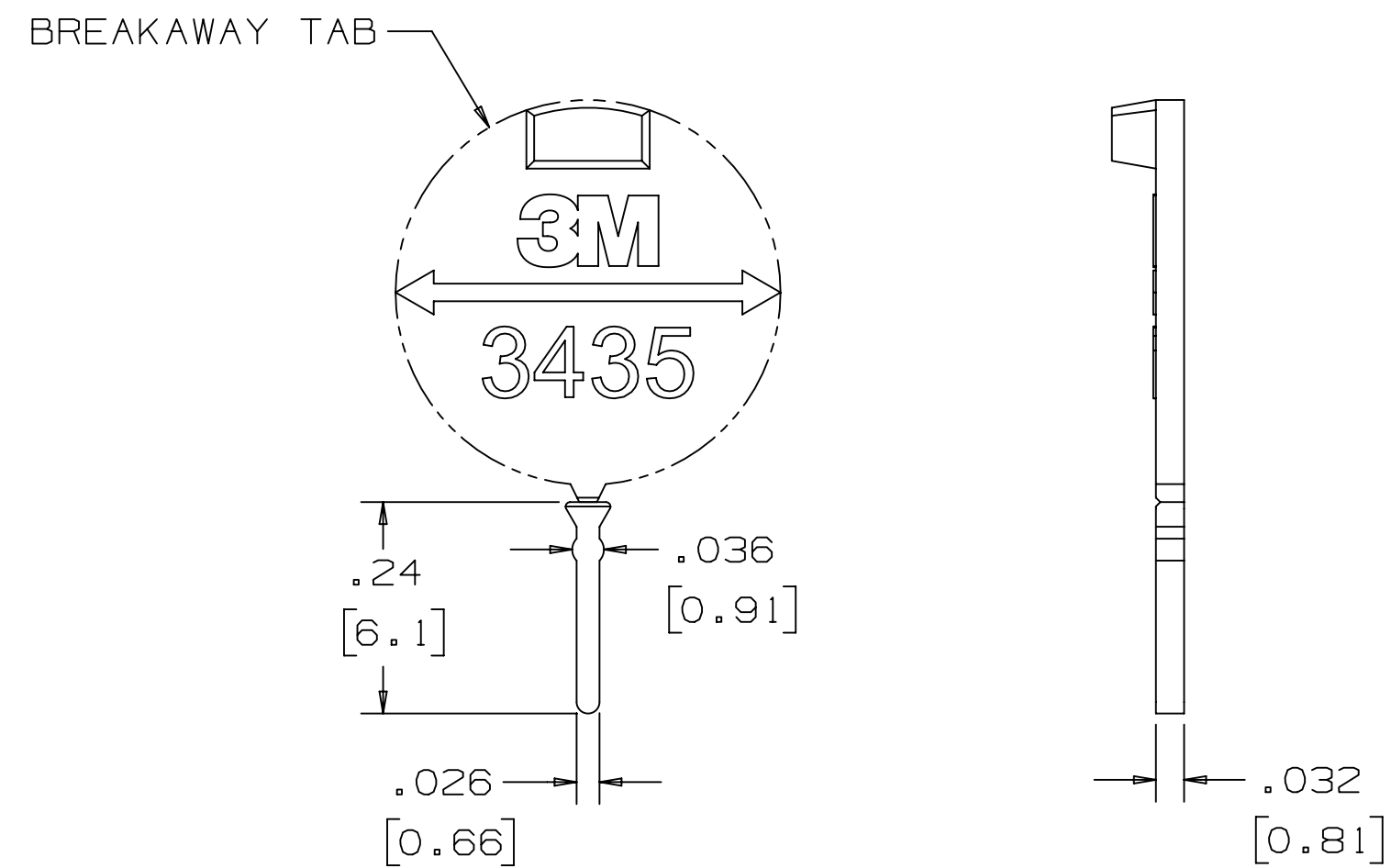
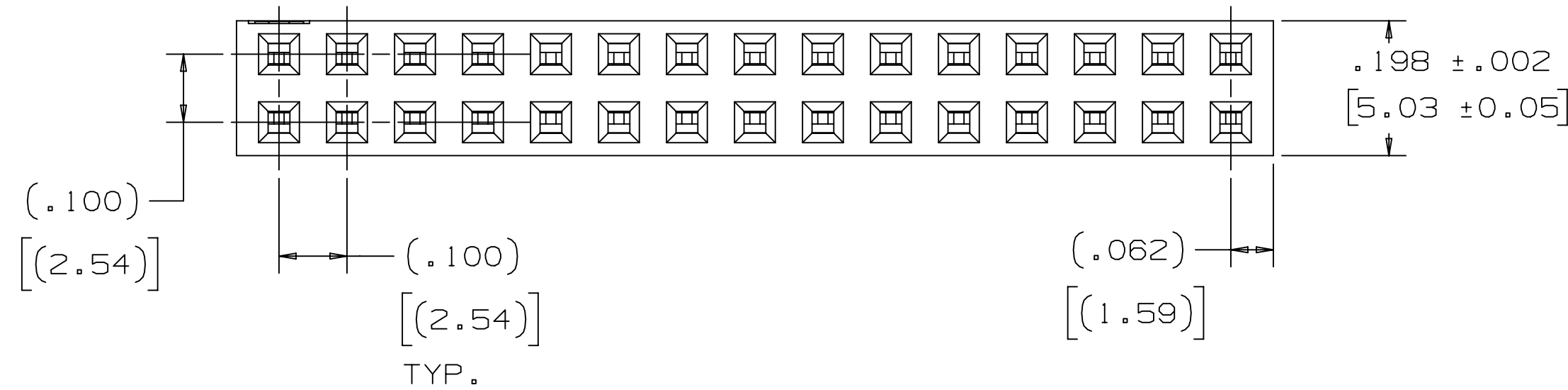
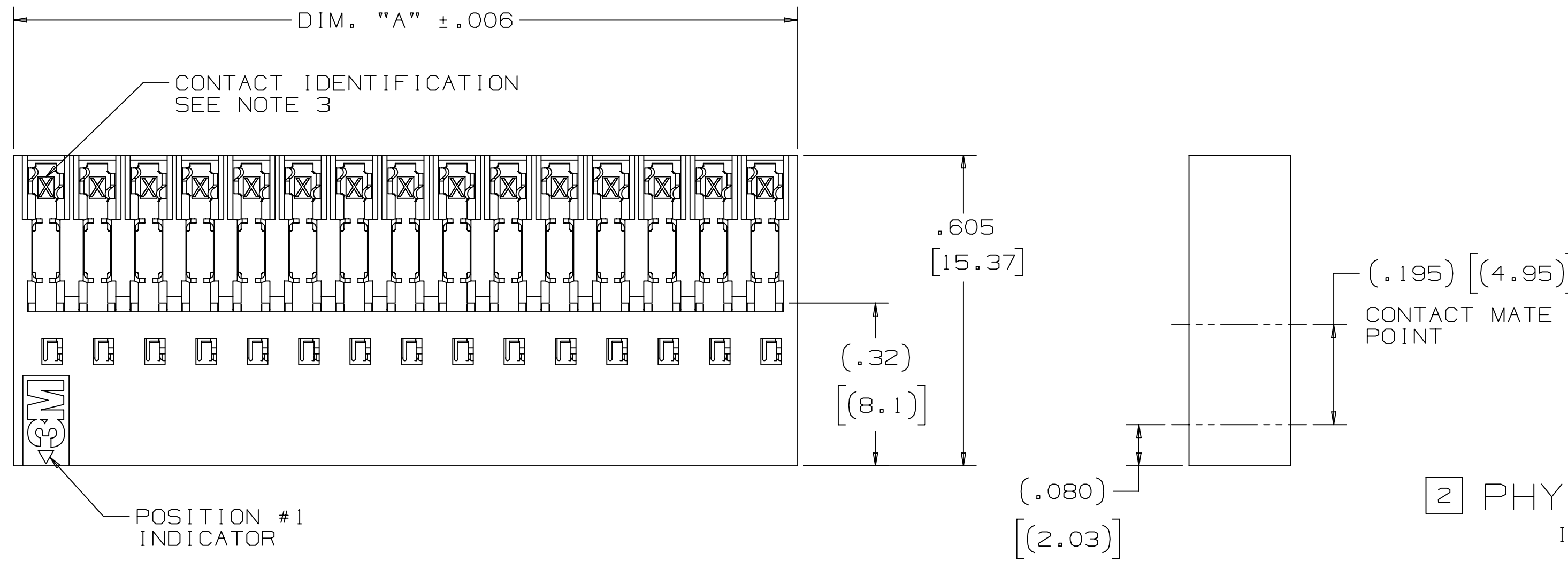


3M™ WIREMOUNT SOCKET, CHG SERIES
 .100" X .100" TWO ROW FOR .100" PITCH NOTCHED FLAT CABLE OR DISCRETE WIRE

CONTACT QTY.	DIM. "A"
06	.325 [8.26]
08	.425 [10.80]
10	.525 [13.34]
14	.725 [18.42]
16	.825 [20.96]
20	1.025 [26.04]
26	1.325 [33.66]
30	1.525 [38.74]
34	1.725 [43.82]
40	2.025 [51.44]
46	2.325 [59.06]
50	2.525 [64.14]
60	3.025 [76.84]
72	3.625 [92.08]



ORDER SEPARATELY
 OPTIONAL KEYING PLUG
 3435-0

ORDERING INFORMATION
 CHG-20XX-001010-KXX

CONTACT QUANTITY: (SEE TABLE 1)

WIRE SIZE OPTIONS:
 C = 26 AND 28 AWG SOLID AND STRANDED
 E = 22 AWG STRANDED AND 24 AWG SOLID OR STRANDED

- NOTES:
- APPLICATION TOOLS: FOR DISCRETE WIRE 3586-12 PISTOL GRIP AND 3624-41 ASSEMBLY.
 - FOR NOTCHED FLAT CABLE: 3335 PRESS (OR EQUIVALENT), 3739-CHGA LOCATOR PLATE.

- * TWO ROW, SIDE-TO-SIDE STACKABLE.
- * MATES TO 3M™ TWO ROW PIN STRIP HEADERS.
- * 14 STANDARD SIZES, 6-72 POSITIONS.
- * TWIN SLOT IDC PROVIDES FOUR POINTS OF CONTACT.
- * EXCLUSIVE L/H 4-WIPE CONTACT.
- * 3435-0 KEYING PLUG IS OPTIONAL - ORDER SEPARATELY.

1. REGULATORY INFORMATION: VISIT 3M.com/regs
2. UNLESS OTHERWISE NOTED, REFERENCES TO INDUSTRY SPECIFICATIONS ARE INTENDED TO INDICATE SUBSTANTIAL COMPLIANCE TO THE MATERIAL ELEMENTS OF THE SPECIFICATION. SUCH REFERENCES SHOULD NOT BE CONSTRUED AS A GUARANTEE OF COMPLIANCE TO ALL REQUIREMENTS IN A GIVEN SPECIFICATION.
3. CONTACT IDENTIFICATION: "6" = 26 AND 28 AWG. "2" = 22 AND 24 AWG.
4. INSULATION O.D.: .054 [1.37] MAX.
5. RECOMMENDED TO BE MATED TO A .100" X .100" PIN STRIP HEADER WITH EITHER A .235 [5.97] OR A .318 [8.08] MATING PIN LENGTH: 929 SERIES, 2400 SERIES AND 2300 SERIES.
6. OTHER SIZES, POLARIZATION AND PLATING OPTIONS ARE AVAILABLE AS A SPECIAL ORDER. HIGHER MINIMUM QUANTITIES AND LEAD TIMES WILL APPLY.

2 PHYSICAL:

INSULATION: GLASS FILLED POLYESTER (PBT)
 MATERIAL: UL94V-0
 FLAMMABILITY: UL94V-0
 COLOR: GRAY OR BLACK
 CONTACT MATERIAL: COPPER ALLOY
 PLATING: OPTION P:
 FIRST WIPING AREA: 30μ" [0.76μm] GOLD
 SECOND WIPING AREA: 100μ" [2.54μm] NICKEL
 UNDER PLATING AND U-SLOT: 100μ" [2.54μm] NICKEL
 WIRE ACCOMMODATION: SEE ORDERING INFORMATION
 MARKINGS: 3M LOGO AND ORIENTATION TRIANGLE

2 ELECTRICAL:
 CURRENT RATING:

	1 LINE	4 ADJACENT LINES	ALL LINES
22 AWG	4.50	3.00	1.50
24 AWG	3.75	2.50	1.25
26 AWG	3.50	2.00	1.00
28 AWG	3.50	2.00	1.00

RATING CONDITIONS: EIA-364-070 METHOD 2, 30°C MAXIMUM TEMPERATURE RISE, 20% DERATED. REFERENCE APPROPRIATE 3M PRODUCT SPECIFICATION FOR CURRENT DERATING CURVES.

INSULATION RESISTANCE: >1 X 10⁹Ω AT 500 V_{DC}
 WITHSTANDING VOLTAGE: 500V_{RMS} AT SEA LEVEL

2 ENVIRONMENTAL:
 TEMPERATURE RATING: -55°C TO +105°C

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

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

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 INFORMATION CALL 800-225-5373

UL
 UL FILE NO: E68080

DESIGN REFERENCE	NEXT ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
				JAN 14, 2022 REVISED AND REDRAWN	JNC	FJR
		DRFT	CASTIGLIONE	DATE JAN 14, 2022	MFG	DATE
		CHKD		DATE	APPV	DATE
				JAN 14, 2022	F. RODRIGUEZ	JAN 14, 2022
DIVISION		DIVISION CODE EMSD				
DO NOT SCALE DRAWING		TOLERANCES EXCEPT AS NOTED				
THIRD ANGLE PROJECTION		INCHES -.00 ±.01 .000 ±.005 .0000 ±.0002				
MAX. SURFACE ROUGHNESS		MILLIMETERS 0 ± .00 ± .000 ±				
MARKED ONLY		ANGLES ±1°				
CAGE NUMBER		SIZE		DRAWING NO.		REV.
D		78-5100-0191-6		C		
MODEL		CHG		DET		SHT 1 OF 2

78-5100-0191-6
DRAWING NUMBER

A

3M™ WIREMOUNT SOCKET, CHG SERIES
 .100" X .100" TWO ROW FOR .100" PITCH NOTCHED FLAT CABLE OR DISCRETE WIRE

Regulatory: For regulatory information about this product, visit 3M.com/regs or contact your 3M representative.


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 Austin, TX 78753-5380
 1-800-225-5373
www.3M.com/interconnect

DESIGN REFERENCE		NEXT ASSEMBLY		REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
C 101677		JAN 14, 2022		JNC	FJR	REVISED AND REDRAWN		
DRFT		DATE		MFG		DATE		
CASTIGLIONE		JAN 14, 2022						
CHKD		DATE		APPRV		DATE		
				F. RODRIGUEZ		JAN 14, 2022		
DIVISION		DIVISION CODE		 © 3M COPYRIGHT 2022 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.				
DO NOT SCALE DRAWING		TOLERANCES EXCEPT AS NOTED		INCHES .0 ± .1 .00 ± .01 .000 ± .005 .0000 ± .0002				
THIRD ANGLE PROJECTION		MILLIMETERS		0 ± .0 ± .00 ± .000 ±				
INTERPRET PER ASME Y14.5 - 2018		MAX SURFACE ROUGHNESS		CAGE NUMBER		DRAWING NO.		REV.
<input type="checkbox"/> ALL SURFACES <input checked="" type="checkbox"/> MARKED ONLY		ANGLES ± 1°		D 78-5100-0191-6		CHG		DET [] YES [X] NO
				SHT 2 OF 2				

DRAWING NUMBER 78-5100-0191-6 REVISION C