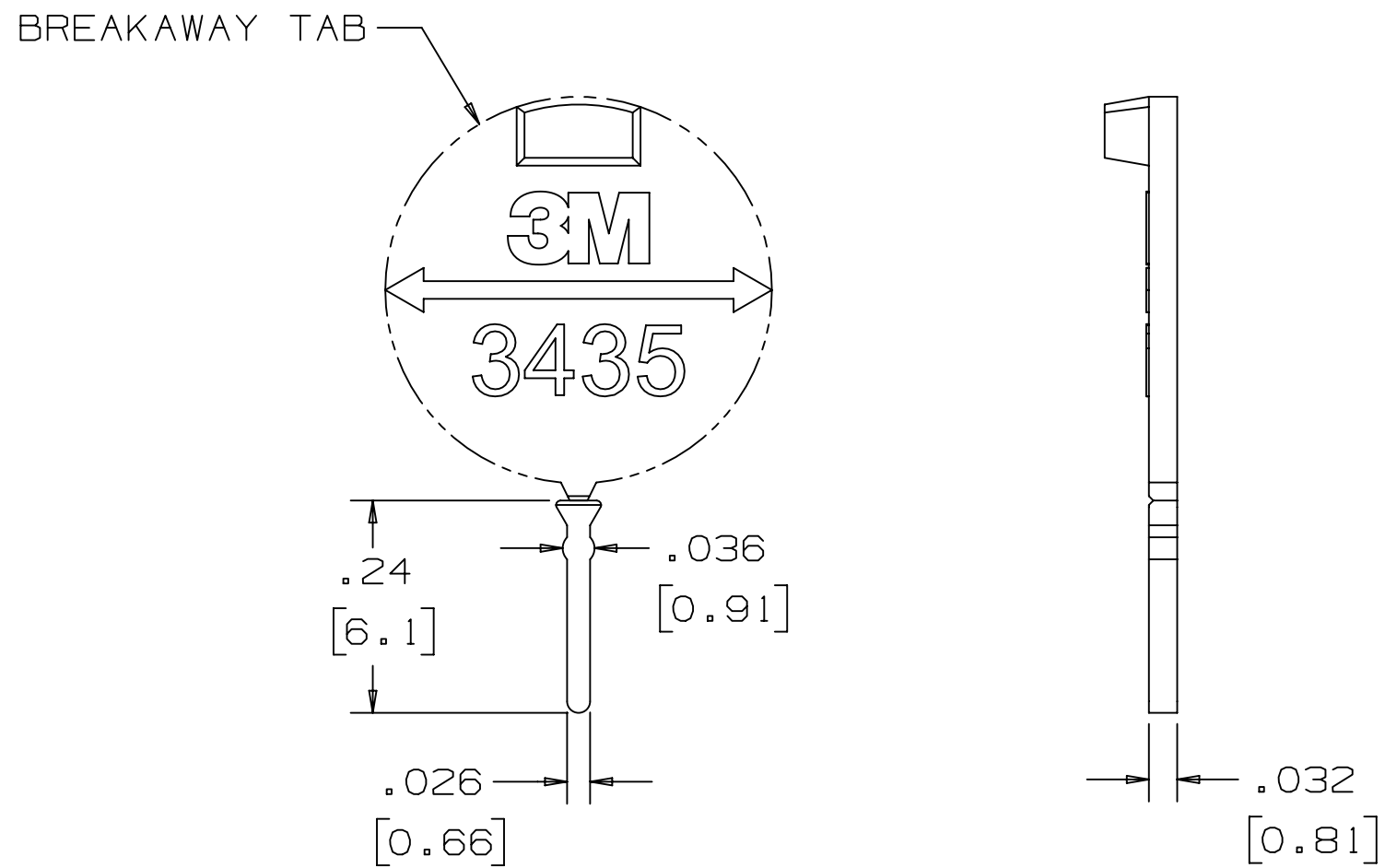
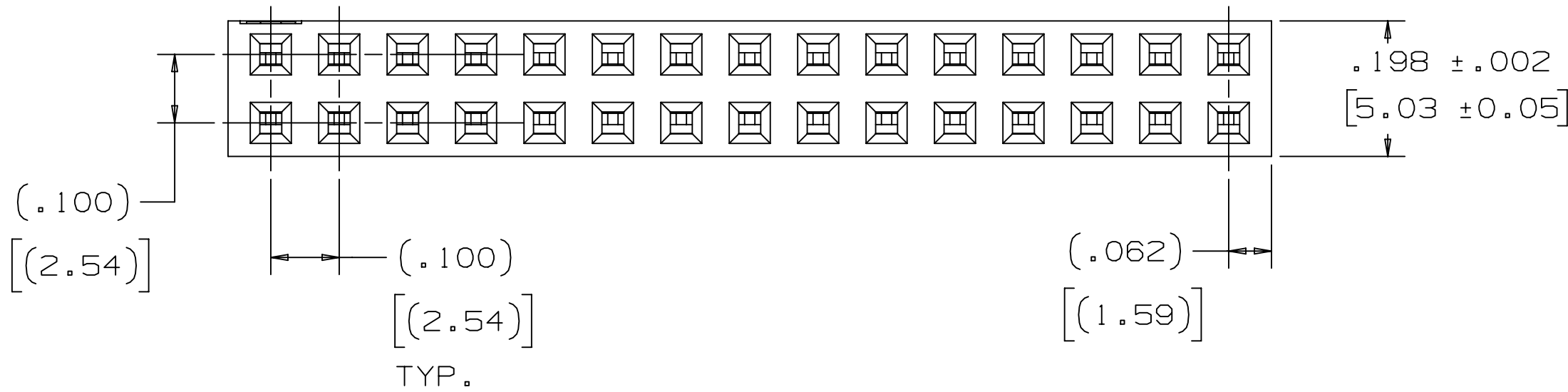
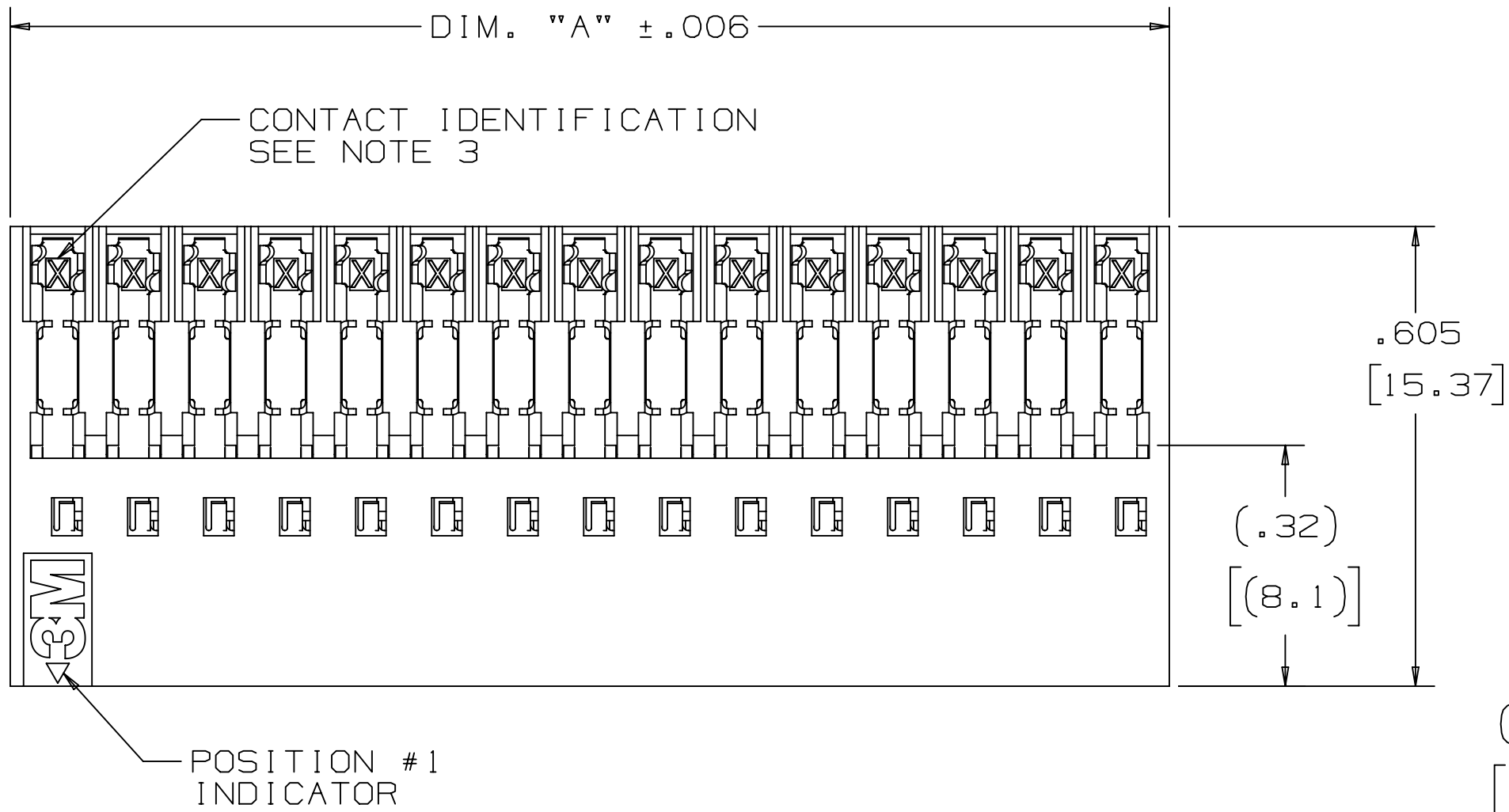


3M™ WIREMOUNT SOCKET, CHG SERIES
.100" X .100" TWO ROW FOR .100" PITCH NOTCHED FLAT CABLE OR DISCRETE WIRE

TABLE 1	
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

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: 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°

ORDERING INFORMATION
CHG-20XX-001010-KXX

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

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INFORMATION CALL 800-225-5373

3M
UL FILE NO: E68080

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

ENSIONS: INCHES [MM]
IS REF. ONLY

DESIGN REFERENCE		NEXT ASSEMBLY		REV		ECO		ISSUE DATE AND DESCRIPTION		DRFT		CHKD	
XREF CODES		DIVISION		DRFT		CHKD		DATE		DATE		DATE	
								JAN 14, 2022		JNC		FJR	
								REVISED AND REDRAWN					
								DATE		DATE		DATE	
								JAN 14, 2022		JAN 14, 2022		JAN 14, 2022	
								APPROV. RODRIGUEZ					
								DATE		DATE		DATE	
								JAN 14, 2022		JAN 14, 2022		JAN 14, 2022	
DIVISION		DIVISION CODE		EMSD		3M CENTER		© 3M COPYRIGHT 2022					
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				INCHES -0 ± .1 -.00 ± .01 -.000 ± .005 -.0000 ± .0002				TITLE		WIREMOUNT SOCKET, 2-ROW, .100" x .100", CHG SERIES			
THIRD ANGLE PROJECTION				MILLIMETERS 0 ± 0 ± 0 ± 0 ±				CAGE NUMBER		SIZE		DRAWING NO.	
INTERPRET PER ASME Y14.5 - 2018				ANGLES ±1°				D		78-5100-0191-6		REV.	
MAX. SURFACE ROUGHNESS								MODEL		CHG		DET.	
ALL SURFACES												LISTS	
MARKED ONLY												YES	
												NO	
												SHT 1 OF 2	

