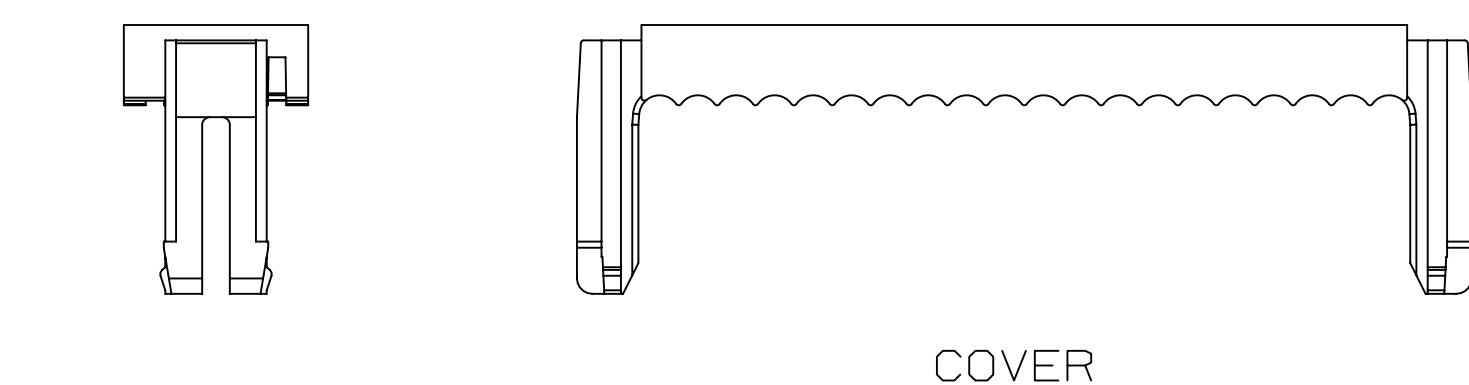
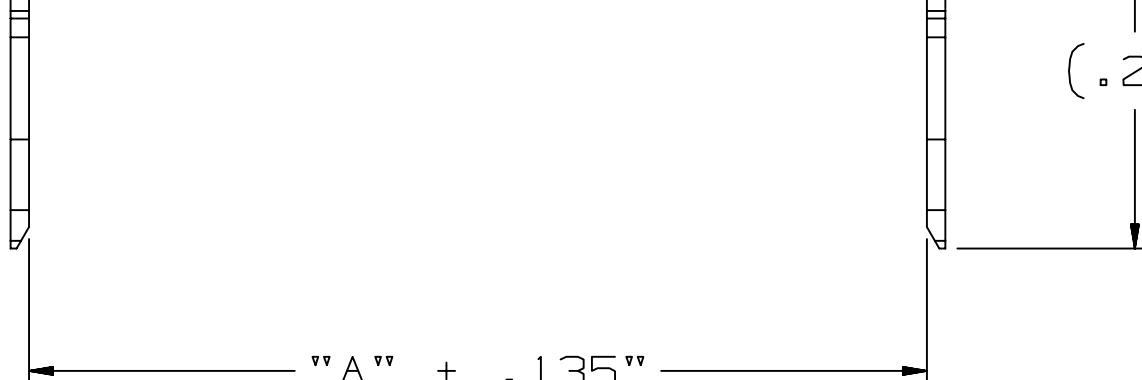
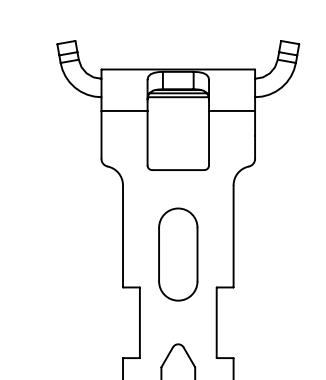
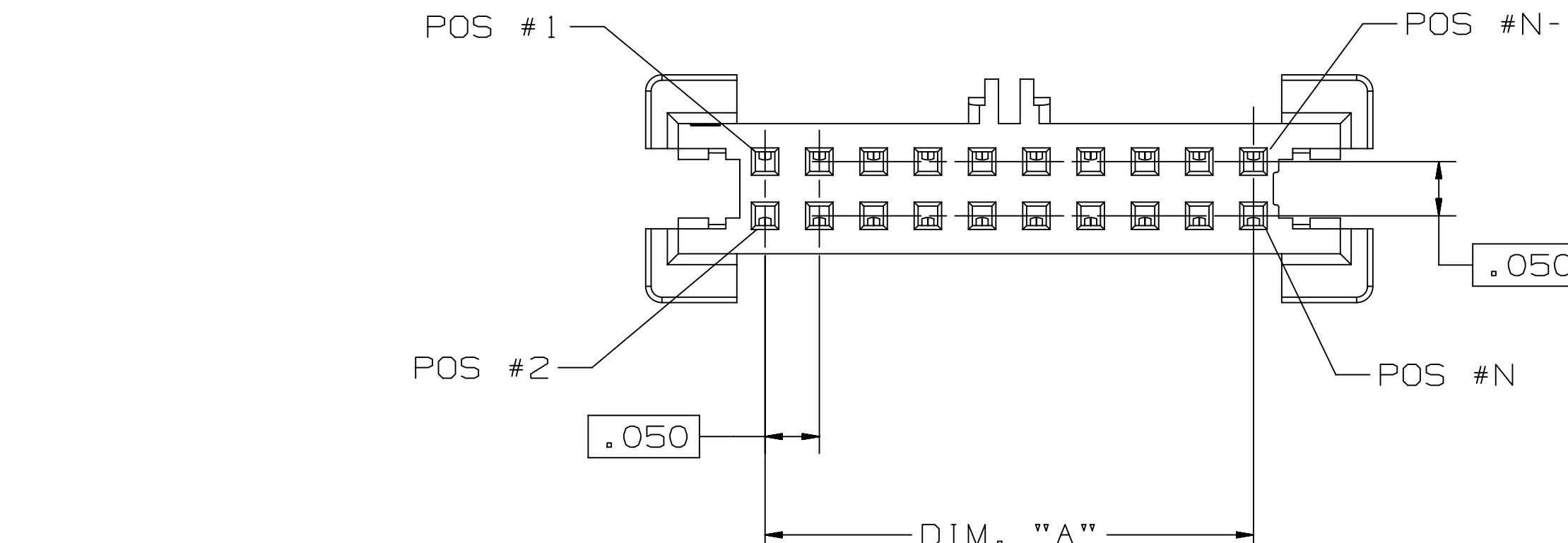
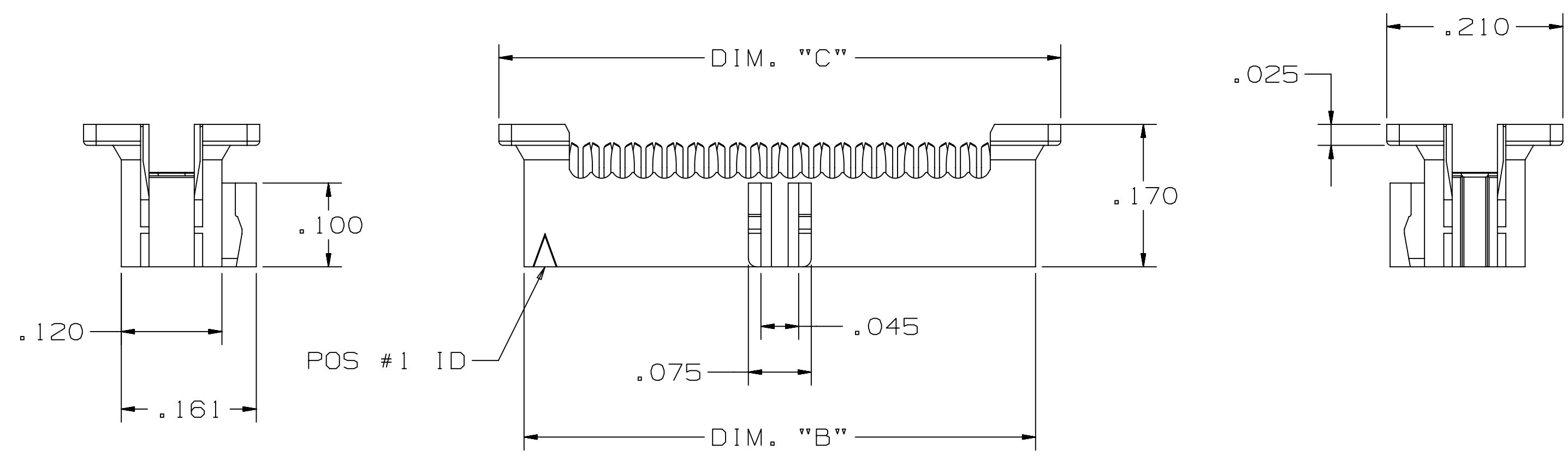


3M™ RIBBON CABLE WIREMOUNT SOCKET ASSEMBLY, 451 SERIES
.050" X .050" (1.27MM X 1.27MM) FOR .025" PITCH CABLE



COVER



ACCESSORY - STRAIN RELIEF
PART NUMBER 3448-451XX

TABLE 1			
No. Positions	Dim "A"	Dim "B"	Dim "C"
4	.050	.210	.270
6	.100	.260	.320
8	.150	.310	.370
10	.200	.360	.420
12	.250	.410	.470
14	.300	.460	.520
16	.350	.510	.570
20	.450	.610	.670
26	.600	.760	.820
30	.700	.860	.920
40	.950	1.110	1.170
50	1.200	1.360	1.420

TABLE 2 COMPATABLE RIBBON CABLE	
LINE 1	3M™ ROUND CONDUCTOR FLAT CABLE, 3754 SERIES: PVC, ROUND STRANDED CONDUCTOR
2	3M™ ROUND CONDUCTOR FLAT CABLE, 3447 SERIES: PVC, ROUND SOLID CONDUCTOR
3	3M™ ROUND CONDUCTOR FLAT CABLE, 3756 SERIES: TPE, ROUND STRANDED CONDUCTOR
4	3M™ ROUND CONDUCTOR FLAT CABLE, 3749 SERIES: TPE, ROUND SOLID CONDUCTOR
5	3M™ ROUND CONDUCTOR FLAT CABLE, 3609 SERIES: FEP, ROUND STRANDED CONDUCTOR
6	3M™ ROUND CONDUCTOR FLAT CABLE, 3604 SERIES: FEP, ROUND SOLID CONDUCTOR
7	3M™ ROUND CONDUCTOR FLAT CABLE, HF447 SERIES: PO, HALOGEN FREE, ROUND SOLID CONDUCTOR
8	3M™ ROUND CONDUCTOR FLAT CONTROLLED IMPEDANCE CABLE, 7700 SERIES: PO, SHIELDED, ROUND SOLID CONDUCTOR

K	106347	AUG 19,2022 ADD TABLE 2 FOR CABLE	JNC	SAN
J	105041	MAY 26,2022 REVISE PERFORMANCE SECTION	JNC	SAN
H	100200	OCT 19,2021 ADD POS 26, 40, 50	JNC	SAN
G	92270	AUG 19,2020 ADD NOTES AND VIEWS	JNC	SAN
F	56988	SEP 24,2014 REVISE PERFORMANCE CHART	JNC	SN
E	54514	MAY 07,2014 ADD UL LOGO	SJS	SAN
D	51884	JAN 08,2014 ADD DESIGN REF, UPDATE TITLE, ADD TS REF	SJS	SAN
C	50290	OCT 08,2013 REVISE NOTES 1, 3, 8 & OPERATING TEMP.	JNC	SN
B	48635	JUL 12,2013 MATCH TEXT FONTS & ADD NOTE 10	JNC	SN
A	46797	MAR 25,2013 PRODUCTION RELEASE	JNC	SAN
REV ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD	
DATE FEB 11,2011	DATE FEB 11,2011	DATE FEB 11,2011	APPL SAN	DATE FEB 11,2011
ARM	ARM	ARM	ARM	ARM
CHKD	CHKD	CHKD	CHKD	CHKD
DO NOT SCALE DRAWING	SCALE 4	TOLERANCES EXCEPT AS NOTED	INCHES	MILLIMETERS
THIRD ANGLE PROJECTION	1		.0 ± .1 .00 ± .02 .000 ± .010 .0000 ± .005	.0 ± .1 .00 ± .02 .000 ± .010 .0000 ± .005
INTERPRET PER ASME Y14.5 - 2018			INCHES	MILLIMETERS
MAX SURFACE ROUGHNESS			.0 ± .005	.0 ± .005
DETAILED SURFACES			.00 ± .005	.00 ± .005
MARKED ONLY			.000 ± .000	.000 ± .000
ANGLES ±			ANGLES ±	ANGLES ±
CAGE NUMBER	SIZE	DRAWING NO.	REV. D	REV. K
MODEL		78-5100-2436-3		
DET. LISTS	YES	NO	SHT 2 OF 3	

3M™ RIBBON CABLE WIREMOUNT SOCKET ASSEMBLY, 451 SERIES
.050" X .050" (1.27MM X 1.27MM) FOR .025" PITCH CABLE

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

Technical Information: The technical information, guidance, and other statements contained in this document or otherwise provided by 3M are based upon records, tests, or experience that 3M believes to be reliable, but the accuracy, completeness, and representative nature of such information is not guaranteed. Such information is intended for people with knowledge and technical skills sufficient to assess and apply their own informed judgment to the information. No license under any 3M or third party intellectual property rights is granted or implied with this information.

Product Use: Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. As a result, customer is solely responsible for evaluating the product and determining whether it is appropriate and suitable for customer's application, including conducting a workplace hazard assessment and reviewing all applicable regulations and standards (e.g., OSHA, ANSI, etc.). Failure to properly evaluate, select, and use a 3M product in accordance with all applicable instructions and with appropriate safety equipment, or to meet all applicable safety regulations, may result in injury, sickness, death, and/or harm to property.

Warranty, Limited Remedy, and Disclaimer: Unless a different warranty is specifically stated on the applicable 3M product packaging or product literature (in which case such warranty governs), 3M warrants that each 3M product meets the applicable 3M product specification at the time 3M ships the product. 3M MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ANY IMPLIED WARRANTY OR CONDITION ARISING OUT OF A COURSE OF DEALING, CUSTOM, OR USAGE OF TRADE. If a 3M product does not conform to this warranty, then the sole and exclusive remedy is, at 3M's option, replacement or repair of the 3M product or refund of the purchase price.

Limitation of Liability: Except for the limited remedy stated above, and except to the extent prohibited by applicable law, 3M will not be liable for any loss or damage arising from or related to the 3M product, whether direct, indirect, special, incidental, or consequential (including, but not limited to, lost profits or business opportunity), regardless of the legal or equitable theory asserted, including, but not limited to, warranty, contract, negligence, or strict liability.

Disclaimer: For industrial use only. Not intended, labeled or packaged for consumer sale or use.

3M Company
Electronics Materials Solutions Division
13011 McCallen Pass, Bldg. C
Austin, TX 78753-5380
1-800-225-5373
www.3M.com/interconnect

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

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

78-5100-2436-3		K
78-5100-2396-9		
78-5100-2437-1		
REV	ECO	ISSUE DATE AND DESCRIPTION
		DRFT
		CHKD
DESIGN REFERENCE		NEXT ASSEMBLY
ACCESS CODES		
DIVISION		DIVISION CODE EMD
DO NOT SCALE DRAWING	SCALE 4	TOLERANCES EXCEPT AS NOTED
THIRD ANGLE PROJECTION		INCHES
		.0 ± .1
		.00 ± .02
		.000 ± .010
		.0000 ± .005
INTERPRET PER ASME Y14.5 - 2018		MILLIMETERS
		.0 ±
MAX SURFACE ROUGHNESS		.000 ± .000
DEAL SURFACES		.000 ± .000
MARKED ONLY		.000 ± .000
CAGE NUMBER	SIZE DRAWING NO.	REV.
D	78-5100-2436-3	K
DET. LISTS		YES <input type="checkbox"/> NO <input type="checkbox"/>
SHT 3 OF 3		

© 3M COPYRIGHT 2022
3M Center
St. Paul, MN 55144
This document and the information it contains are
confidential and may only be distributed with
3M permission, or used or
disclosed other than for 3M authorized purposes.
All rights reserved.

3M RIBBON CABLE WMT
SOCKET, .05 X .05
PITCH, 451 SERIES