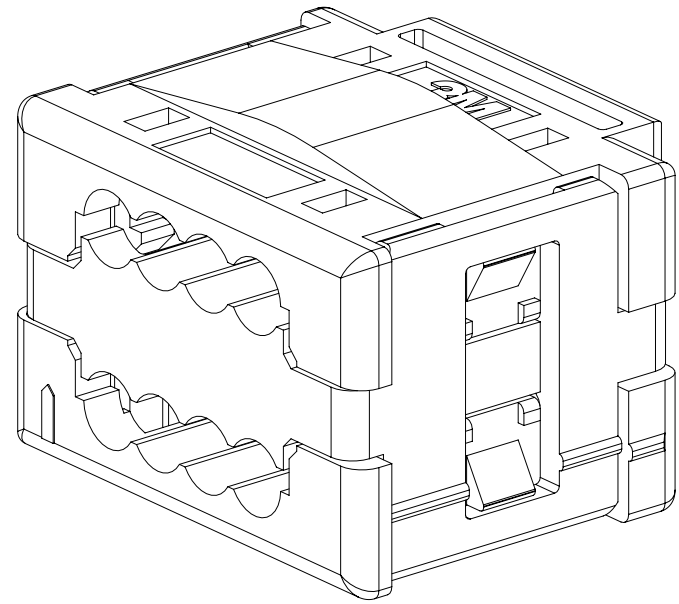


3M™ ONE PIECE BRANCH LINK WIREMOUNT CONNECTOR, 387 SERIES



-FF880

2 PHYSICAL :

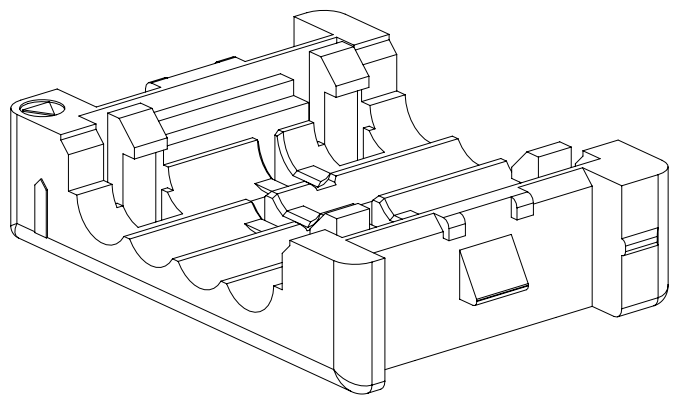
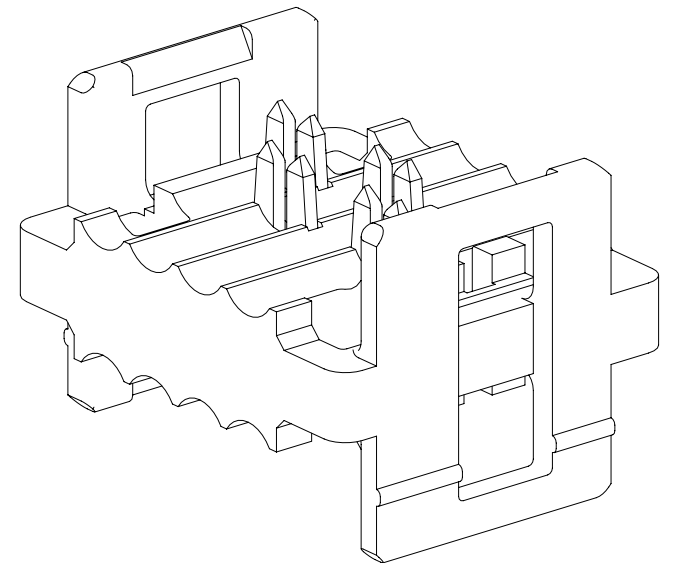
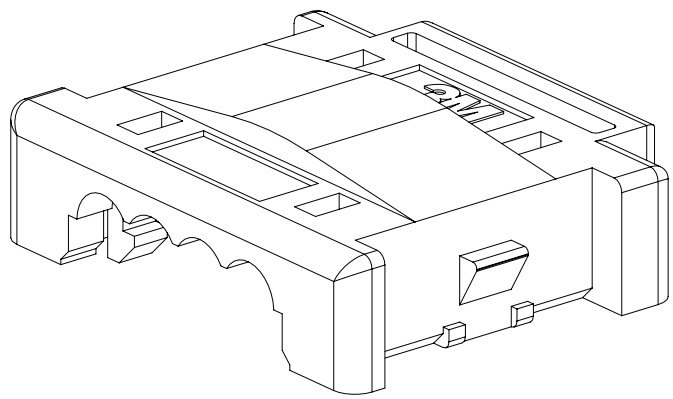
- INSULATION:
- BODY: PBT/PBT PLASTIC
- COVER: PBT/PBT PLASTIC
- FLAMMABILITY: UL94V-0
- COLOR: SEE ORDERING INFO.
- CONTACT:
- MATERIAL: COPPER ALLOY
- PLATING:
- UNDER PLATING: 4.0µm AVG. NICKEL-OVERALL
- MARKINGS: 3M LOGO, POSITION INDICATOR, WIRE GAUGE AND INSULATOR MATERIAL

2 ELECTRICAL :

- CURRENT RATING: 3.0 AMPS
- INSULATION RESISTANCE: >1 X 10⁶Ω AT 500 V_{DC}
- WITHSTANDING VOLTAGE: 1,000V_{RMS} AT SEA LEVEL
- VOLTAGE RATING: 32 VOLTS

2 ENVIRONMENTAL :

- TEMPERATURE RATING: 20°C TO +85°C AMBIENT (1.0A MAX.)
- 20°C TO +75°C AMBIENT (2.0A MAX.)
- 20°C TO +60°C AMBIENT (3.0A MAX.)



PRE - ASSEMBLY

ORDERING INFORMATION

38704 - FF880

SERIES No.

BODY AND COVER COLOR
BODY (BLACK), CONTACTS (TYPE 3)
BRANCH COVER (GRAY), MAIN COVER (BLACK)

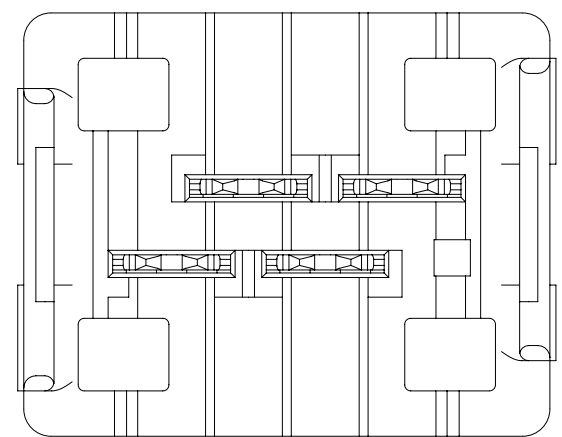
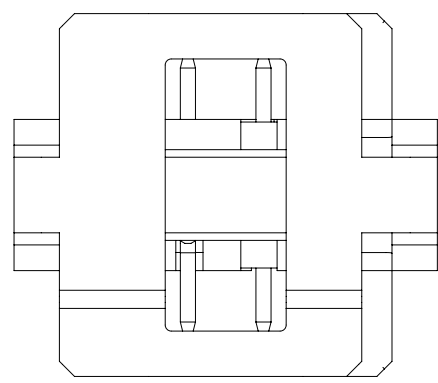
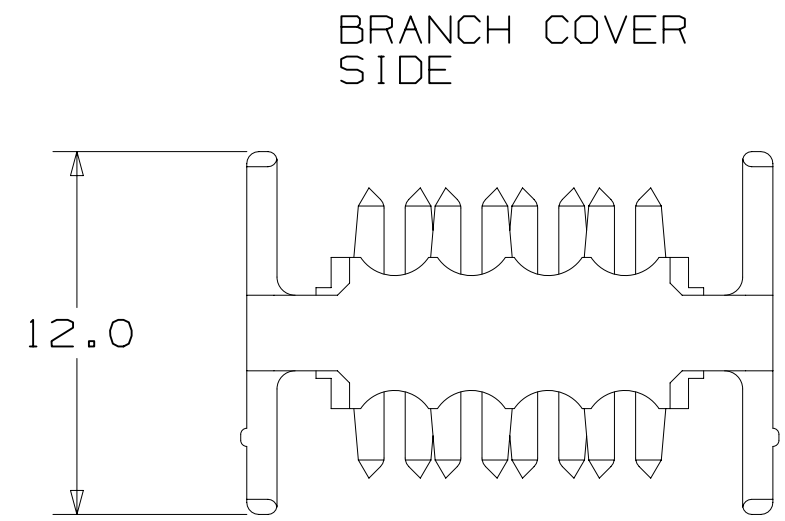
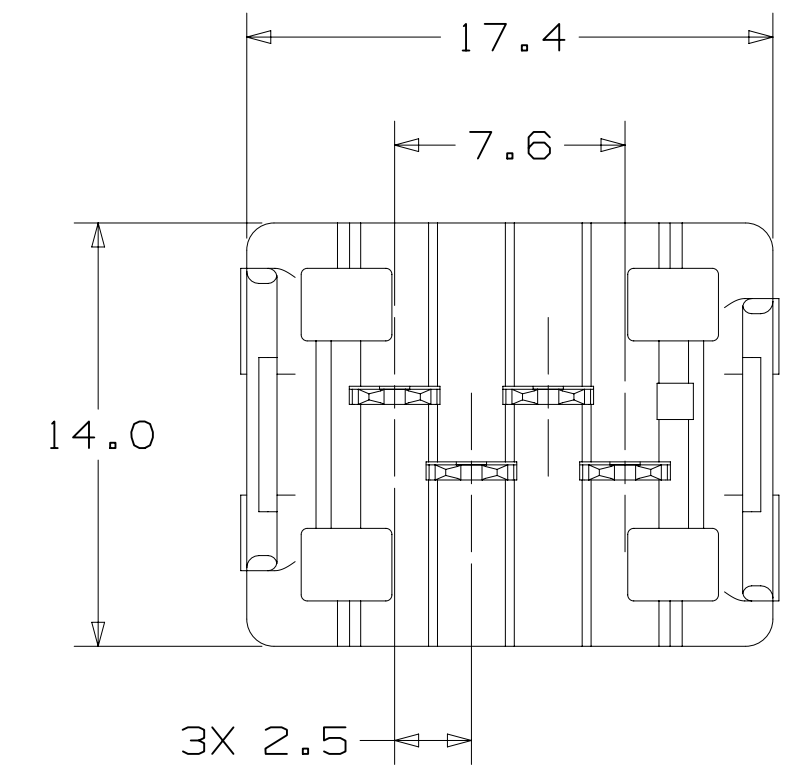
3M ELECTRONICS MATERIALS SOLUTIONS DIVISION
INTERCONNECT SOLUTIONS
<http://www.3M.com/interconnect>

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

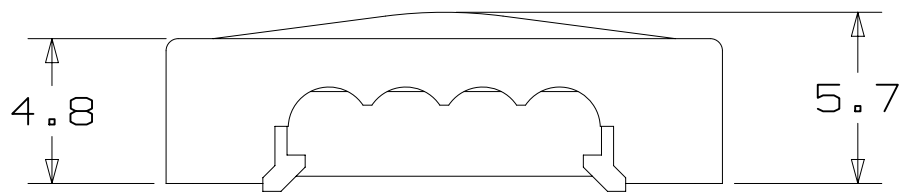
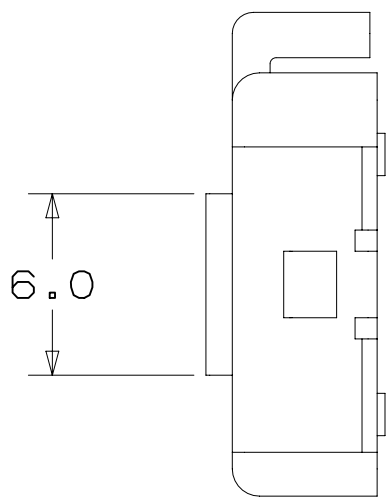
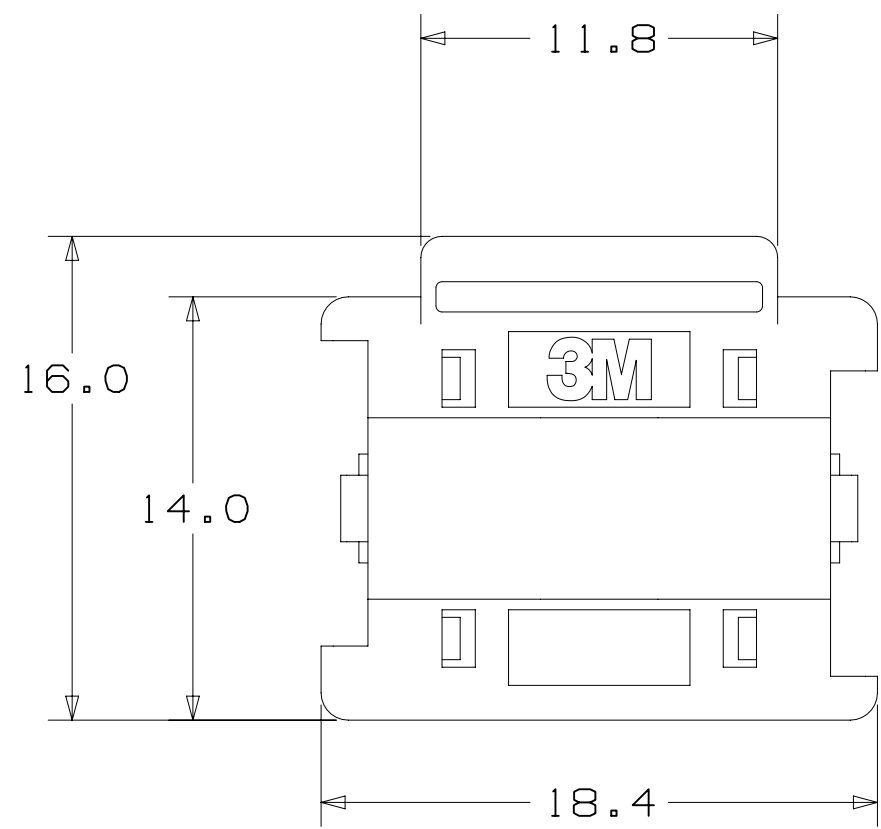
MM		
TOLERANCE - UNLESS NOTED		
	X.X	X.XX
MM	±0.3	±0.10

DESIGN REFERENCE		NEXT ASSEMBLY		REV	ECO	ISSUE DATE AND DESCRIPTION		DRFT	CHKD
XREF CODES		DIVISION CODE		CHKD	CHKD	DATE	DATE	DATE	DATE
		EMSD		CHKD	CHKD	DEC 16, 2019	DEC 16, 2019	DEC 16, 2019	DEC 16, 2019
DO NOT SCALE DRAWING		SCALE 4 1		TOLERANCES EXCEPT AS NOTED		INCHES			
THIRD ANGLE PROJECTION		INTERPRET PER ASME Y14.5 - 2009		MILLIMETERS		MILLIMETERS			
MAX SURFACE ROUGHNESS		SURFACES		ANGLES		ANGLES			
MARKED ONLY									
CAGE NUMBER		SIZE		DRAWING NO.		REV.			
D		78-5100-2698-8		A					
MODEL		387		DET		YES		NO	
								SHT 1 OF 3	

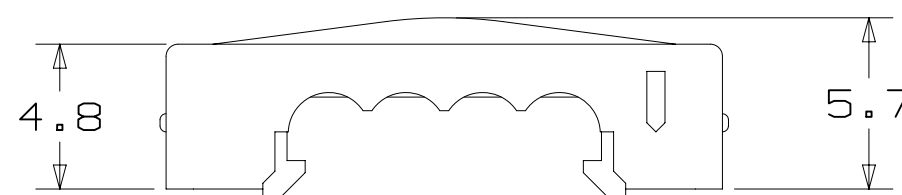
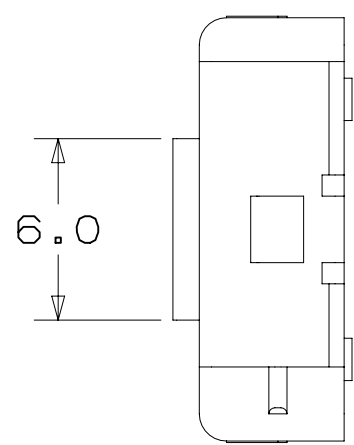
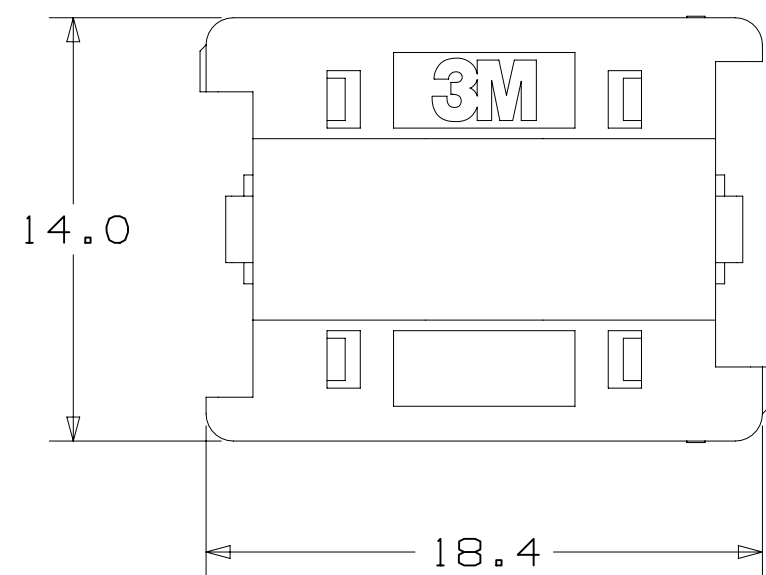
3M™ ONE PIECE BRANCH LINK WIREMOUNT CONNECTOR, 387 SERIES



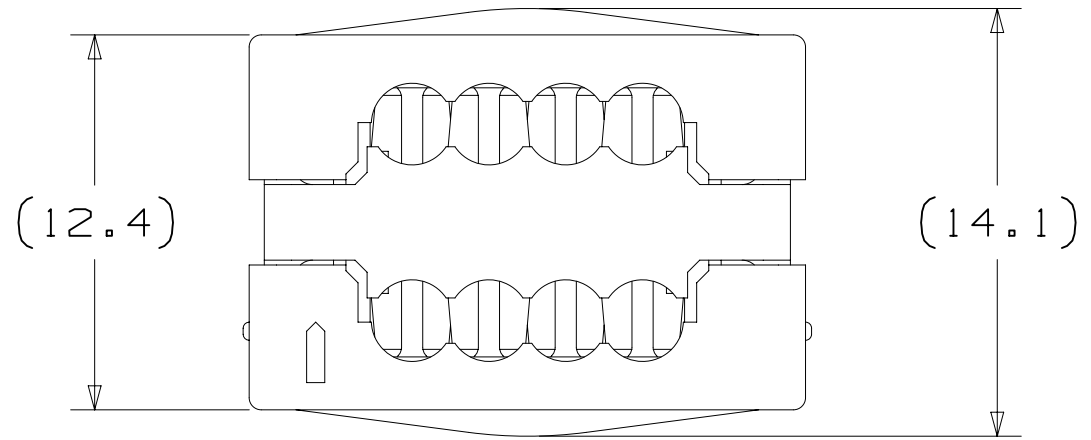
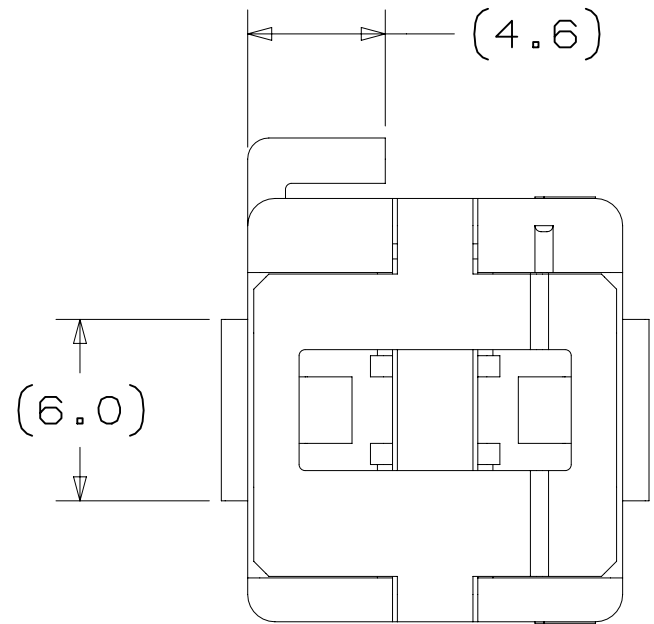
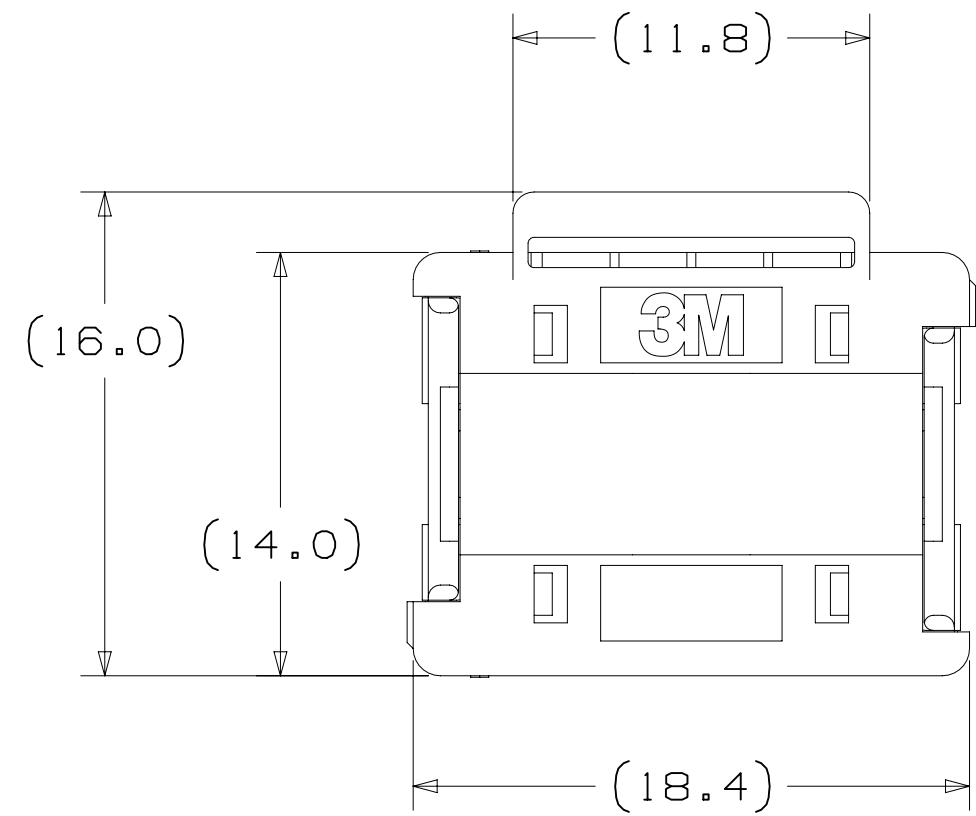
BODY AND CONTACTS



BRANCH COVER




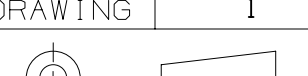
MAIN COVER



ASSEMBLY

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

				A 88553		FEB 18, 2020		JNC		FJR	
						RELEASE FOR PRODUCTION					
DESIGN REFERENCE				NEXT ASSEMBLY		REV ECO		ISSUE DATE AND DESCRIPTION		DRFT CHKD	
ACCESS CODES						DRG CASTIGLIONE		DATE DEC 16, 2019		MFG DATE	
						CHKD		DATE		APPRV. F. RODRIGUEZ	
										DATE DEC 16, 2019	
DIVISION				DIVISION CODE EMSD				© 3M COPYRIGHT 2020 This document and the information it contains are 3M property and may not be reproduced or further distributed without the permission of, or used or disclosed other than for 3M authorized purposes. All rights reserved.			
DO NOT SCALE DRAWING				TOLERANCES EXCEPT AS NOTED							
SCALE 4/1											
				INCHES .00 ± .00R ± .0000 ±		TITLE ONE PIECE BRANCH LINK WIREMOUNT CONNECTOR, 387 SERIES					
THIRD ANGLE PROJECTION											
INTERPRET PER ASME Y14.5 - 2009				MILLIMETERS .00 ± .000 ± .000 ±							
MAX SURFACE ROUGHNESS											
✓ UNFINISHED SURFACES											
✓ MARKED ONLY				ANGLES ±		CAGE NUMBER D		DRAWING NO. 78-5100-2698-8		REV. A	
						MODEL 387		DET. LISTS		YES X NO	
										SHT 2 OF 2	

3M™ ONE PIECE BRANCH LINK WIREMOUNT CONNECTOR, 387 SERIES

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


Technical Information: The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.

Product Use: Many factors beyond 3M's control and uniquely within user's control can affect the use and performance of a 3M product in a particular application. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application.

Warranty, Limited Remedy, and Disclaimer: Unless an additional warranty is specifically stated on the applicable 3M product packaging or product literature, 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 OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY OR CONDITION ARISING OUT OF A COURSE OF DEALING, CUSTOM OR USAGE OR TRADE. If the 3M product does not conform to this warranty, then the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price.

Limitation of Liability: Except where prohibited by law, 3M will not be liable for any loss or damage arising from the 3M product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.

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

A		88853		FEB 18, 2020		JNC		FJR	
DESIGN REFERENCE		NEXT ASSEMBLY		RELEASE FOR PRODUCTION					
REV		ECO		ISSUE DATE AND DESCRIPTION		DRFT		CHKD	
4		1		DATE CASTIGLIONE DEC 16, 2019		MFG DATE		DATE	
ADDRESS CODES				CHWD		APPR. F. RODRIGUEZ		DATE DEC 16, 2019	
DIVISION		DIVISION CODE EMSD		 3M Center St. Paul, MN 55144 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.		© 3M COPYRIGHT 2020 ONE PIECE BRANCH LINK WIREMOUNT CONNECTOR, 387 SERIES		TITLE ONE PIECE BRANCH LINK WIREMOUNT CONNECTOR, 387 SERIES	
DO NOT SCALE DRAWING		SCALE 1 =							
THIRD ANGLE PROJECTION		INCHES .0 ± .00 ± .000 ±							
INTERPRET PER ASME Y14.5 - 2009		MILLIMETERS 0 ± .00 ± .000 ±							
MAX. SURFACE ROUGHNESS 125 <input checked="" type="checkbox"/> ALL SURFACES <input type="checkbox"/> MARKED ONLY		ANGLES 0 ± .00 ± .000 ±		CAGE NUMBER SIZE DRAWING NO. D 78-5100-2698-8		REV. A			
MODEL		387		DET. LISTS		YES <input checked="" type="checkbox"/> NO		SHT 3 OF 3	

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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

3M:

[38704-FF880](#)