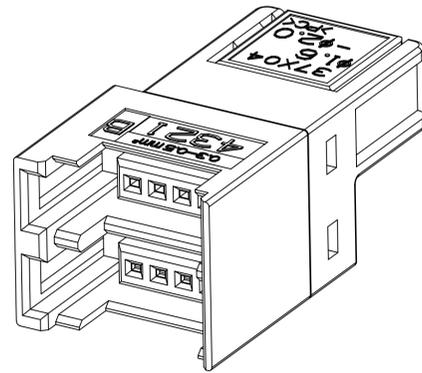


3M™ MINI-CLAMP COMMON SOCKET, 37C SERIES
 WIREMOUNT BRANCH CONNECTOR TYPE-Y, ORIGINAL AND PANEL MOUNT TYPE

- * HIGH RELIABLE BRANCH WIRING CONNECTOR WITH EASY, QUICK FIELD TERMINABILITY.
- * SOCKET ACCEPTS UP TO TWO MINI-CLAMP PLUGS.
- * ALLOWS FOR POWER AND SIGNAL SPLITTING ON SENSOR WIRING.
- * EASY, QUICK AND RELIABLE IDC TERMINATION USING STANDARD PLIERS.
- * COMPATIBLE WITH WIRE FROM 20 TO 26AWG.
- * NO NEED TO STRIP WIRE INSULATION; SAVES TIME AND HELPS PREVENT WIRE DAMAGE.
- * BRANCHING ALLOWS FOR SERIAL VS PARALLEL PROCESSING ALLOWING FOR A SIMPLIFIED NETWORK WITH LESS WIRING.
- * MATING LATCHES PROVIDE A RELIABLE INTERCONNECTION IN DEMANDING APPLICATIONS.
- * REDUCES MAINTENANCE WORK BY PROVIDING CONNECTION RELIABILITY.

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.



- XXXX - 000
 WIREMOUNT SOCKET
 ORIGINAL (NO LATCH)

2 PHYSICAL :

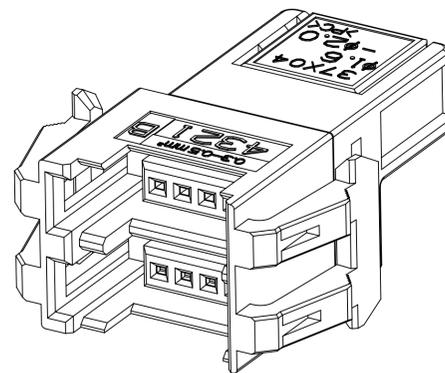
INSULATION:
 BODY: PBT/PBT PLASTIC
 COVER: TOP (PC), BOTTOM (NYLON)
 FLAMMABILITY: UL94V-0
 COLOR: BODY/BLACK, COVER TOP/SEE TABLE, COVER BOTTOM/WHITE
 CONTACT:
 MATERIAL: COPPER ALLOY
 PLATING:
 UNDER PLATING: 4.0µm AVG. NICKEL-OVERALL
 WIPING AREA: 0.2µm AVG. GOLD
 MARKINGS: 3M LOGO, POSITION INDICATOR, WIRE GAUGE AND INSULATOR MATERIAL

2 ELECTRICAL :

CURRENT RATING: 3.0 AMPS
 INSULATION RESISTANCE: >1 X 10⁹Ω 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.)



- XXXX - 0P0
 WIREMOUNT SOCKET
 PANEL MOUNT (WITH LATCHES)

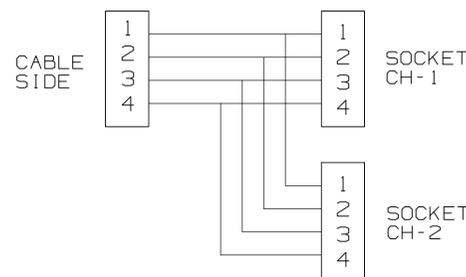
ORDERING INFORMATION

37C04-XXXX-0X0 EL

SERIES NO. PLATING SUFFIX

CAMPATIBLE CABLE
 2XXX: 20-22AWG
 3XXX: 24-26AWG

CONNECTOR TYPE:
 O: ORIGINAL (NO LATCHES), SEE TABLE 1
 P: PANEL MOUNT TYPE (WITH LATCHES), SEE TABLE 2



CIRCUIT DIAGRAM

MM		
TOLERANCE - UNLESS NOTED		
MM	X.X	X.XX
	±0.1	±0.10

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DESIGN REFERENCE	NEXT ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD																	
				FEB 13, 2020	JNC	FJR																	
<table border="1"> <tr> <td>DO NOT SCALE DRAWING</td> <td>SCALE 4/1</td> <td>TOLERANCES EXCEPT AS NOTED</td> </tr> <tr> <td>THIRD ANGLE PROJECTION</td> <td>INTERPRET PER ASME Y14.5 - 2009</td> <td>MILLIMETERS</td> </tr> <tr> <td>MAX SURFACE ROUGHNESS</td> <td>DTX SURFACES</td> <td>INCHES</td> </tr> <tr> <td>MARKED ONLY</td> <td>ANGLES</td> <td></td> </tr> </table>							DO NOT SCALE DRAWING	SCALE 4/1	TOLERANCES EXCEPT AS NOTED	THIRD ANGLE PROJECTION	INTERPRET PER ASME Y14.5 - 2009	MILLIMETERS	MAX SURFACE ROUGHNESS	DTX SURFACES	INCHES	MARKED ONLY	ANGLES						
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<table border="1"> <tr> <td>3M</td> <td>3M Center St. Paul, MN 55144</td> </tr> </table>		3M	3M Center St. Paul, MN 55144	<p>© 3M COPYRIGHT 2020 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.</p>																			
3M	3M Center St. Paul, MN 55144																						
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CAGE NUMBER	SIZE	DRAWING NO.	REV.																				
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MODEL	37C04	DET	ISTS	YES	NO	SHT	1	OF	4														

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 Time 2/26/2020

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 WIREMOUNT BRANCH CONNECTOR TYPE-Y, ORIGINAL AND PANEL MOUNT TYPE

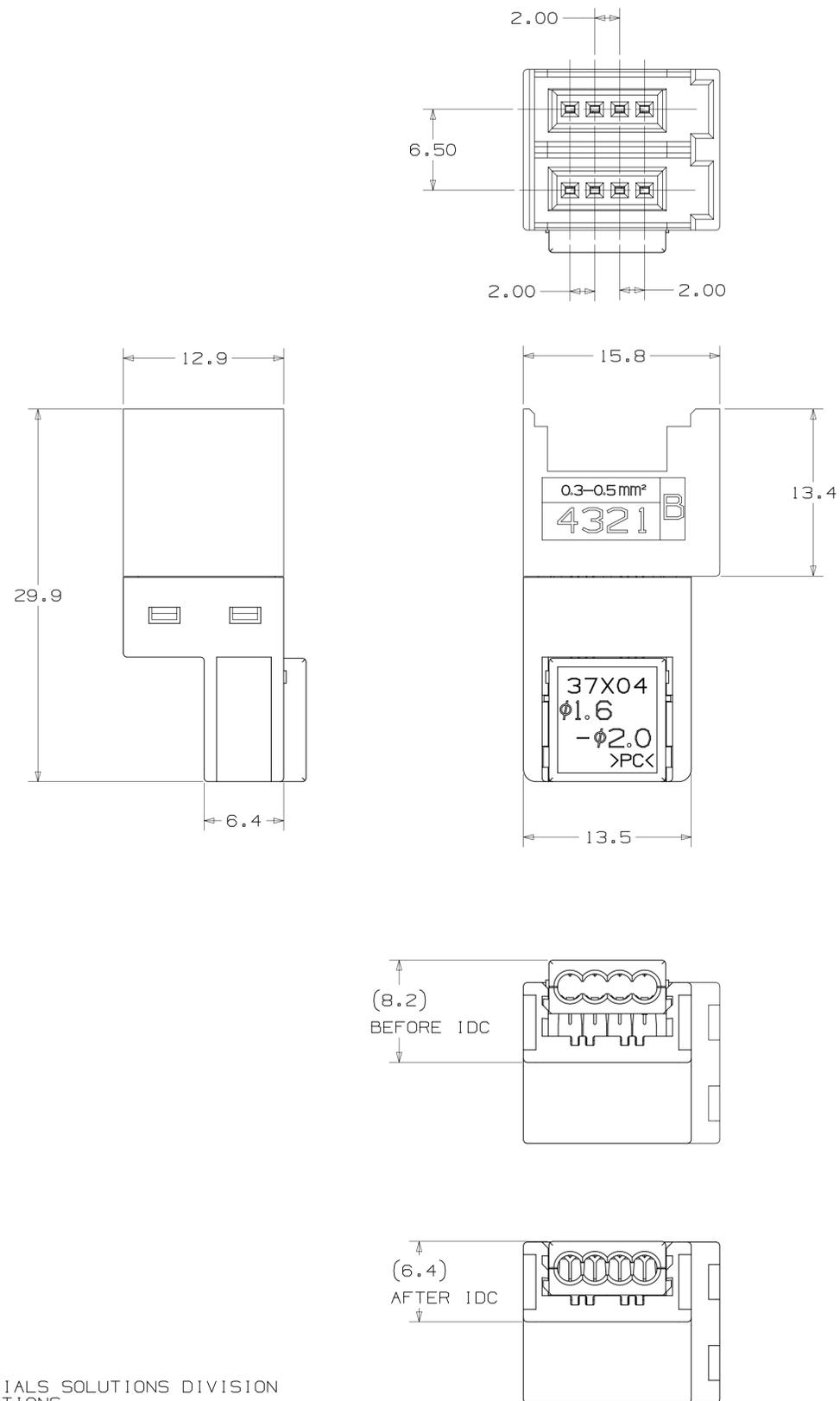


TABLE 1
 37C04-XXXX-000 FL

2XXX	2206	2165	2124	
COVER COLOR	GRAY	BLUE	GREEN	
WIRE CONDUCTOR DIAMETER				
20-22 AWG 0.3 - 0.5 SQ.				
FINISHED WIRE OUTER DIAMETER				
	Ø 1.6 TO Ø 2.0	Ø 1.2 TO Ø 1.6	Ø 1.0 TO Ø 1.2	Ø 0.8 TO Ø 1.0
3XXX		3163	3122	3101
COVER COLOR		ORANGE	YELLOW	RED
WIRE CONDUCTOR DIAMETER				
24-26 AWG 0.14 - 0.2 SQ.				

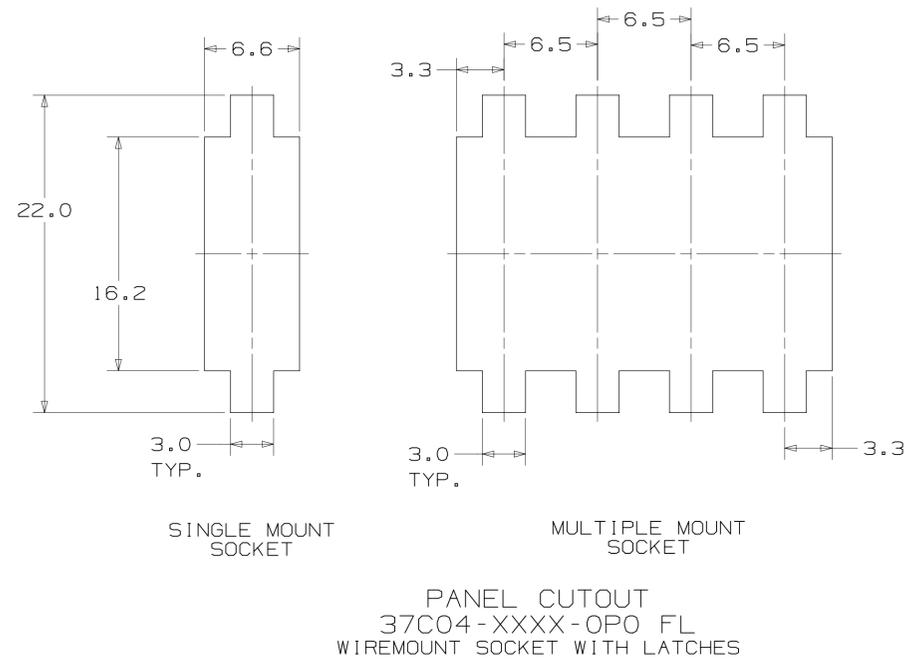
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THIRD ANGLE PROJECTION	INTERPRET PER ASME Y14.5 - 2009	TITLE MINI-CLAMP COMMON SOCKET, BRANCH CONN. TYPE Y, 37C SERIES				
MAX SURFACE ROUGHNESS	MARKED ONLY	CAGE NUMBER	SIZE	DRAWING NO.	REV.	
		D	78-5100-2696-2	A		
		MODEL	37C04	DET	YES	NO
				SHT	2	OF 4

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

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ACCESSORIES



3M™ WATER-RESISTANT BOOT, 378 SERIES
 3M PART NUMBER: 37800-P000
 SEE TS-2700

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				FEB 13, 2020 PRODUCTION RELEASE	JNC	FJR
APPROVED	DATE	DATE	DATE	DATE	DATE	DATE
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		F. RODRIGUEZ		DEC 11, 2019		
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