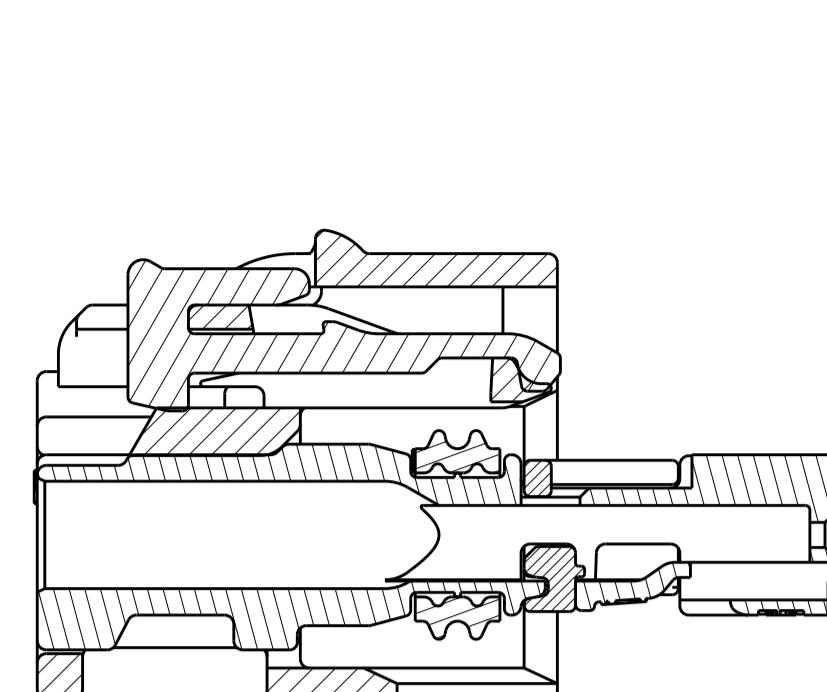
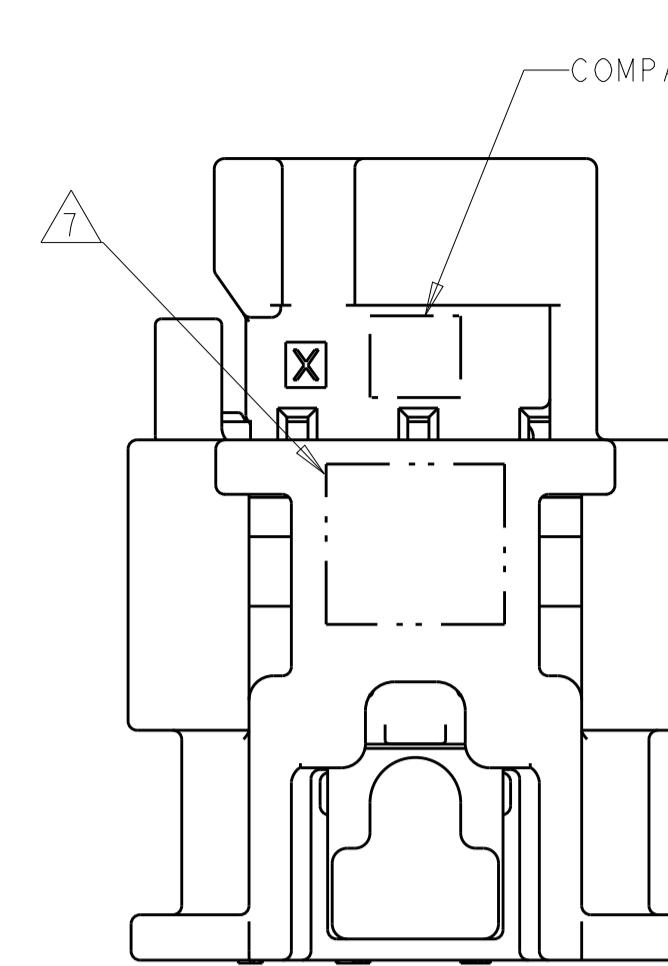
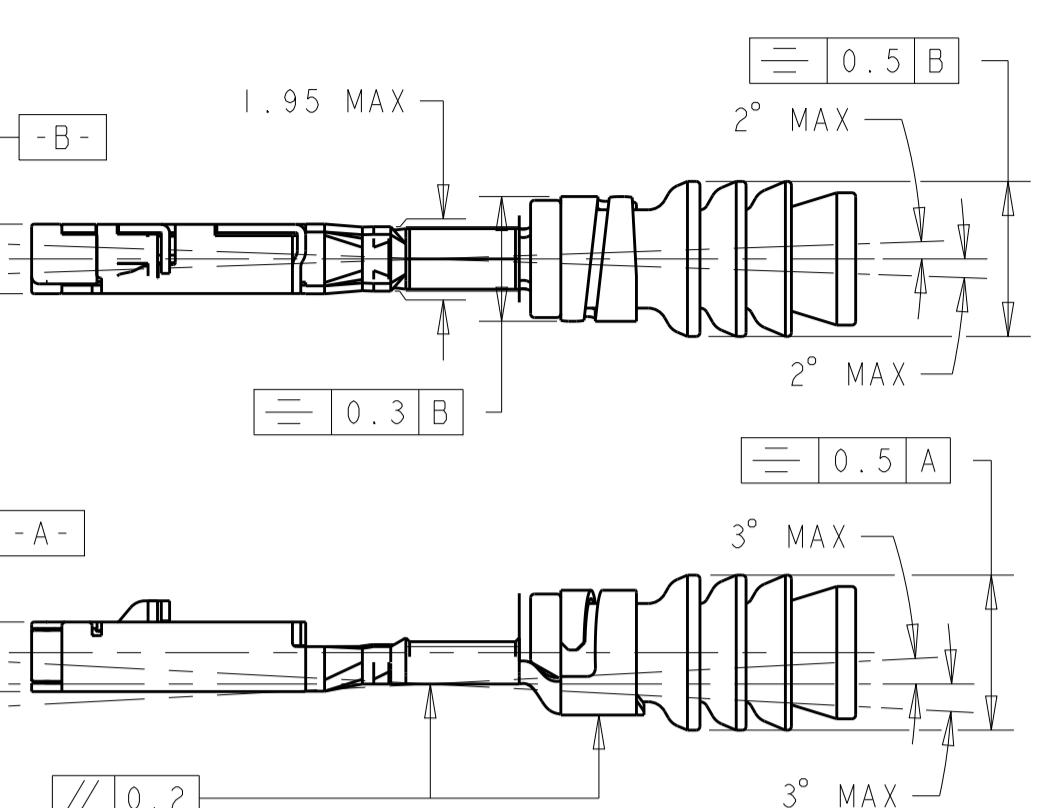
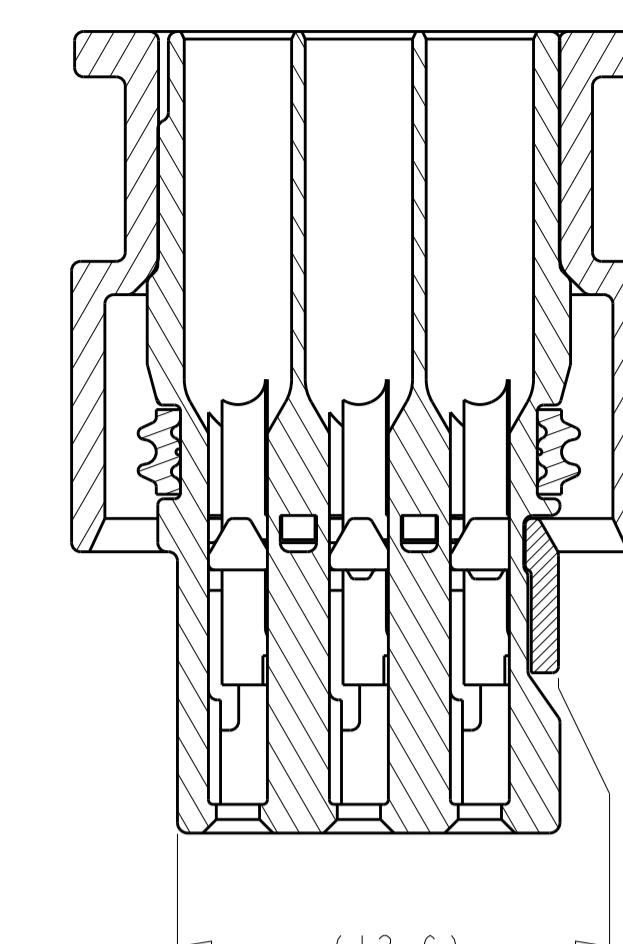
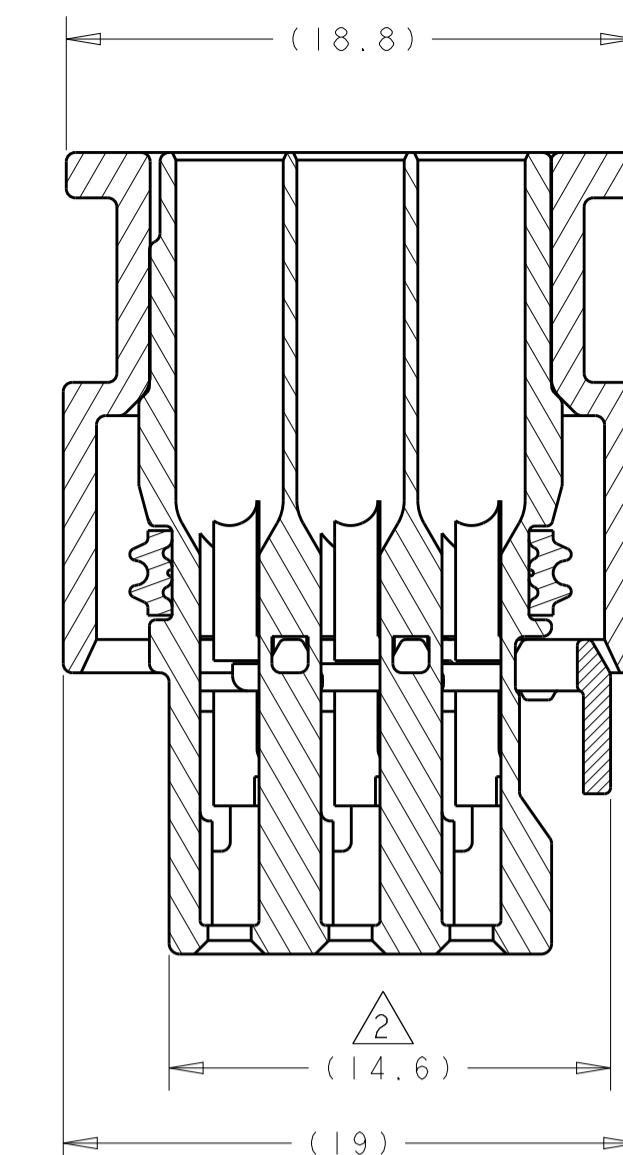


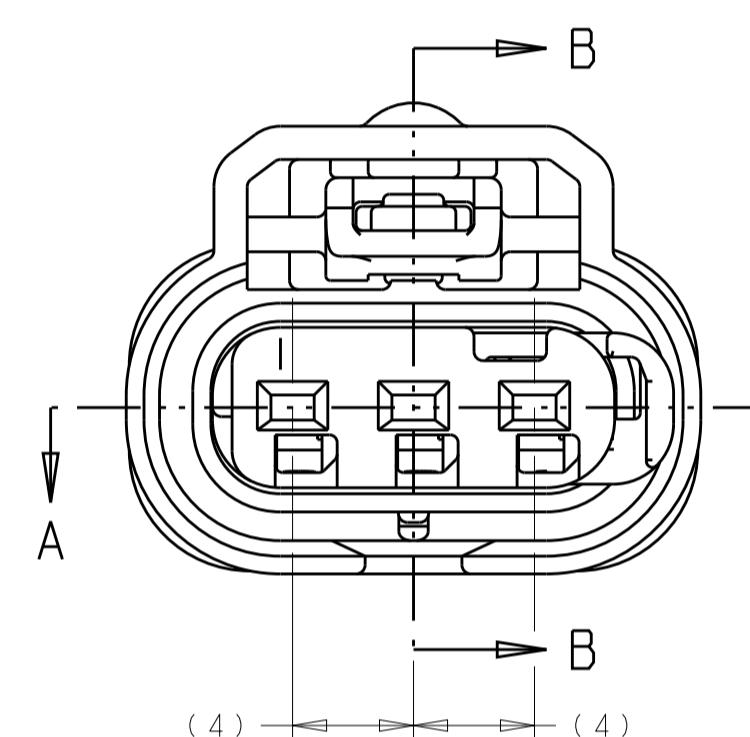
1. PART NUMBER 1488991-5 SHOWN ON DRAWING.
2. TPA AND CPA (WHEN APPLICABLE) ARE SHIPPED IN THEIR PRE-LATCHED POSITIONS. SEE INSTRUCTION SHEET 408-8928 FOR DIRECTIONS ON MOVING THE CPA AND TPA TO THE PRE-LATCHED POSITION, IF NECESSARY.
3. TERMINALS SOLD SEPARATELY. FOR USE WITH TE CONNECTIVITY MCN 1.2mm CLEAN BODY CONTACT WITH WIRE SEAL. SEE MCN 1.2-CB (CLEAN BODY) TABLE FOR APPLICABLE PART NUMBERS.
4. APPLICABLE HEADER INTERFACE DRAWING 1488738 IS AVAILABLE UPON REQUEST. A COPY OF THIS DRAWING CAN BE OBTAINED FROM THE TE CONNECTIVITY PRODUCT MANAGER, VIA YOUR TE CONNECTIVITY SALES REPRESENTATIVE OR CUSTOMER SERVICE.
5. MINIMUM FEED THROUGH CONDITION WITH 0.5mm CLEARANCE ALL AROUND.
6. A "X" IN THIS TABLE INDICATES THAT THE TERMINAL CAVITY IS BLOCKED AND WILL NOT ALLOW INSERTION OF THE MATING TERMINAL. A "O" IN THIS TABLE INDICATES THAT THE TERMINAL CAVITY IS OPEN AND WILL ALLOW INSERTION OF THE MATING TERMINAL.
7. TRACEABILITY PRINTED IN THIS LOCATION AT ASSEMBLY.
8. CONNECTOR SYSTEM MEETS THE REQUIREMENTS OF USCAR-2, REVISION 3, EXCEPT WHERE NOTED:
TPA ENGAGE AND DISENGAGE FORCES ARE 10N MIN - 30N MAX.
PRIMARY TERMINAL-CONNECTOR FORCE IS 30N MIN.
SECONDARY TERMINAL-CONNECTOR FORCE IS 75N MIN.
CPA ENGAGE AND DISENGAGE FORCES (WITH MATING CONNECTOR) ARE 30N MAX.
CPA REMOVAL FORCE FROM CONNECTOR IS 15N MIN.
9. FOR OPTIONAL TERMINAL CAVITY BLOCKING, USE TE CONNECTIVITY BLIND PLUG PART NUMBER: 967056-1.
10. TERMINAL 1670146-X REPLACES 1418847-X
11. REFERENCE ISOMETRIC VIEWS ON SHEET 2.



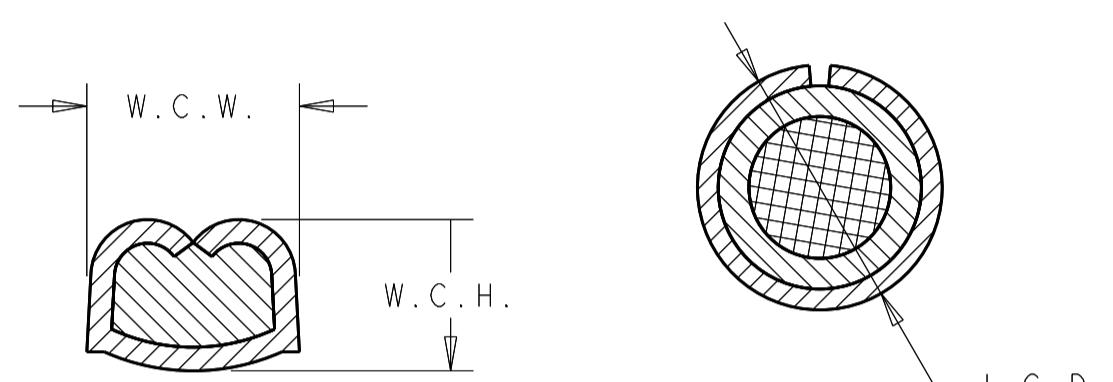
SECTION B-B
SHOWN WITH CPA (WHEN APPLICABLE)
IN IT'S LATCHED POSITION
FOR REFERENCE ONLY



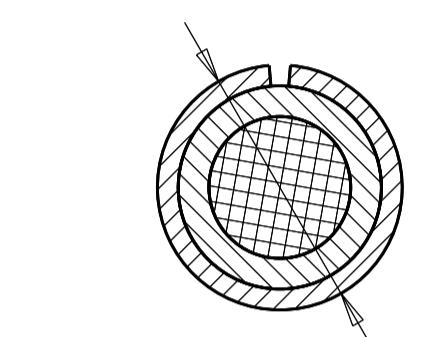
SECTION A-A



SECTION A-A
SHOWN WITH TPA
IN IT'S LATCHED POSITION
FOR REFERENCE ONLY

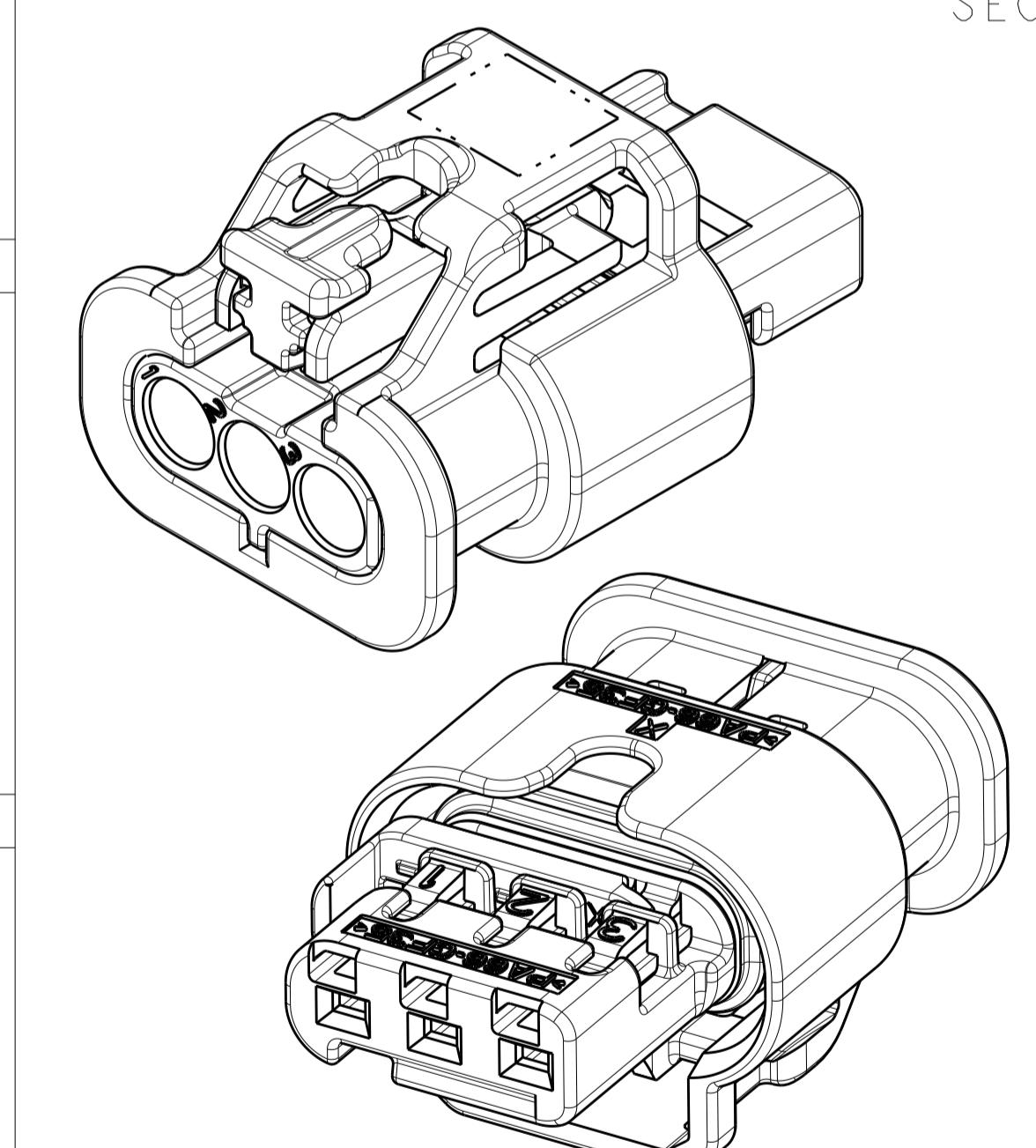


WIRE CRIMP
DIMENSIONS



INSULATION CRIMP
DIMENSIONS

KEYING CONFIGURATIONS		TERMINAL CAVITY CONFIGURATIONS	
KEYING OPTION A		ALL TERMINAL CAVITIES OPEN	
KEYING OPTION B		TERMINAL CAVITY #3 CLOSED	
KEYING OPTION C		TERMINAL CAVITY #2 CLOSED	
KEYING OPTION D		TERMINAL CAVITY #1 CLOSED	



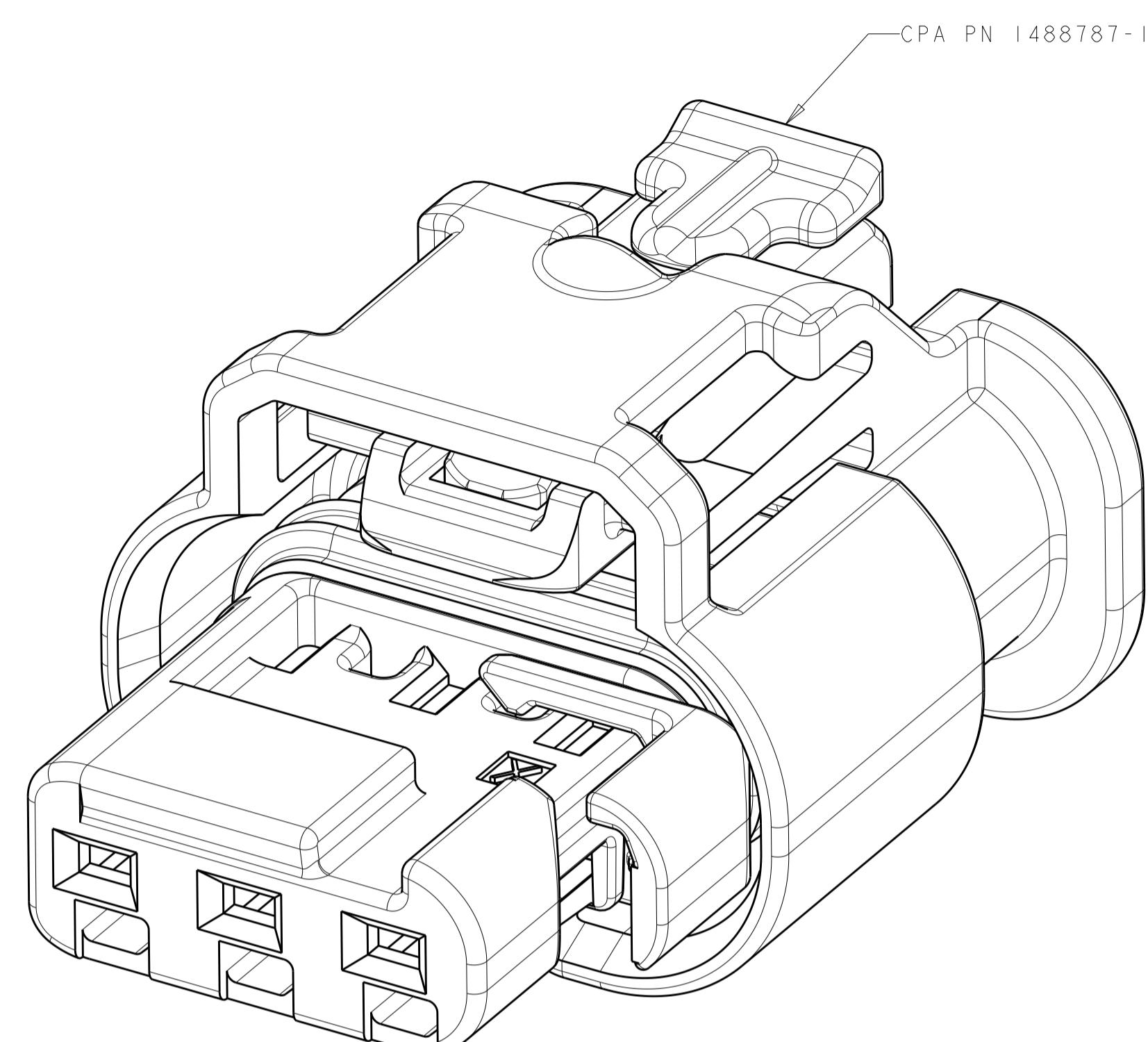
ISOMETRIC VIEWS

MCN 1.2-CB (CLEAN BODY)							
1418844-3	SILVER	3.3 ± 0.3	22	1.2 TO 1.4	0.86 ± 0.03	1.27 ± 0.05	3.15 ± 0.05
1418844-2	GOLD	3.6 ± 0.3	20	1.4 TO 1.9	0.84 ± 0.03	1.57 ± 0.05	3.25 ± 0.05
1418844-1	TIN						967067-2
1670146-3	SILVER						967067-1
1670146-2	GOLD						
1670146-1	TIN						
1418850-3	SILVER						
1418850-2	GOLD						
1418850-1	TIN						
PART NUMBER	PLATING	WIRE STRIP LENGTH	AWG	INSL. RANGE	W.C.H.	W.C.W.	I.C.D.
							WIRE SEAL PART NUMBER

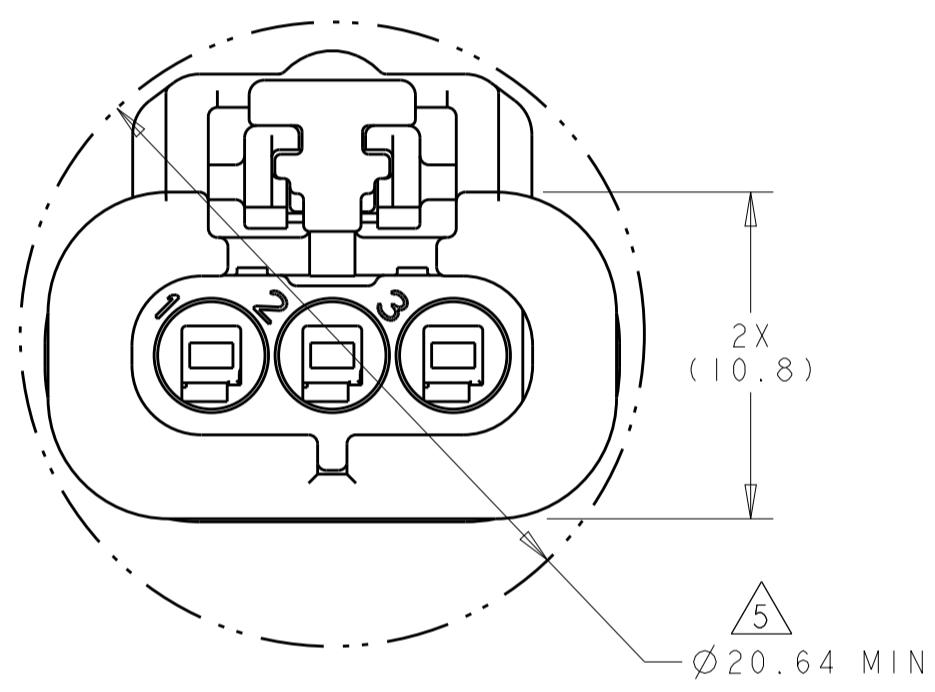
STATUS	CPA	INNER HOUSING	TERMINAL CAVITY CONFIGURATION	PART NUMBER	COLOR		KEY	CAVITY 1	CAVITY 2	CAVITY 3
					RELEASED	NOT RELEASED	RELEASED	NOT RELEASED	NOT RELEASED	NOT RELEASED
RELEASED	1488787-1	GRAY	D	○	○	○	○	○	○	4-1488991-4
RELEASED	1488787-1	BLUE	C	○	○	○	○	○	○	4-1488991-3
RELEASED	1488787-1	NATURAL	B	○	○	○	○	○	○	4-1488991-2
RELEASED	1488787-1	BLACK	A	○	○	○	○	○	○	4-1488991-1
1488787-1	GRAY	D								3-1488991-2
1488787-1	BLUE	C								3-1488991-1
1488787-1	NATURAL	B								3-1488991-0
1488787-1	BLACK	A								2-1488991-9
N/A	GRAY	D								2-1488991-8
N/A	BLUE	C								2-1488991-7
N/A	NATURAL	B								2-1488991-6
N/A	BLACK	A								2-1488991-5
1488787-1	GRAY	D								2-1488991-4
1488787-1	BLUE	C								2-1488991-3
1488787-1	NATURAL	B								2-1488991-2
1488787-1	BLACK	A								2-1488991-1
N/A	GRAY	D								2-1488991-0
N/A	BLUE	C								1-1488991-9
N/A	NATURAL	B								1-1488991-8
N/A	BLACK	A								1-1488991-7
1488787-1	GRAY	D								1-1488991-6
1488787-1	BLUE	C								1-1488991-5
1488787-1	NATURAL	B								1-1488991-4
1488787-1	BLACK	A								1-1488991-3
N/A	GRAY	D								1-1488991-2
N/A	BLUE	C								1-1488991-1
N/A	NATURAL	B								1-1488991-0
N/A	BLACK	A								1488991-9
1488787-1	GRAY	D								1488991-8
1488787-1	BLUE	C								1488991-7
1488787-1	NATURAL	B								1488991-6
1488787-1	BLACK	A								1488991-5
RELEASED	N/A	GRAY	D							1488991-4
RELEASED	N/A	BLUE	C							1488991-3
RELEASED	N/A	NATURAL	B							1488991-2
RELEASED	N/A	BLACK	A							1488991-1
1488991-7	GRAY	D								1488991-8
1488991-7	BLUE	C								1488991-7
1488991-7	NATURAL	B								1488991-6
1488991-7	BLACK	A								1488991-5
1488991-7	GRAY	D								1488991-4
1488991-7	BLUE	C								1488991-3
1488991-7	NATURAL	B								1488991-2
1488991-7	BLACK	A								1488991-1
1488991-7	GRAY	D								1488991-0
1488991-7	BLUE	C								1488991-9
1488991-7	NATURAL	B								1488991-8
1488991-7	BLACK	A								1488991-7
1488991-7	GRAY	D								1488991-6
1488991-7	BLUE	C								1488991-5
1488991-7	NATURAL	B								1488991-4
1488991-7	BLACK	A								1488991-3
1488991-7	GRAY	D								1488991-2
1488991-7	BLUE	C								1488991-1
1488991-7	NATURAL	B								1488991-0
1488991-7	BLACK	A								1488991-9
1488991-7	GRAY	D								1488991-8
1488991-7	BLUE	C								1488991-7
1488991-7	NATURAL	B								148

P	LTR	DESCRIPTION	DATE	DN	APVD
-		SEE SHEET 1	-	-	-

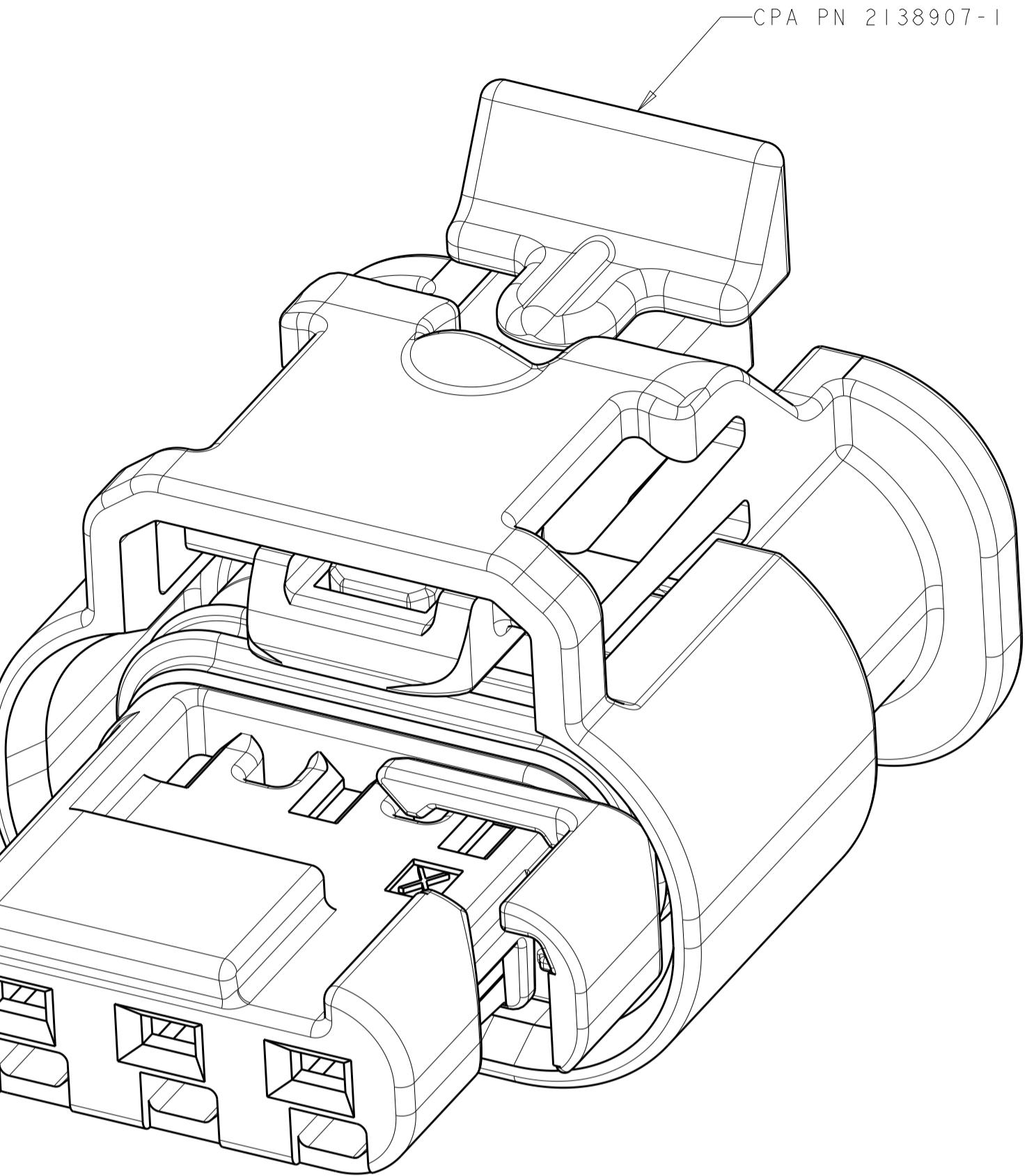
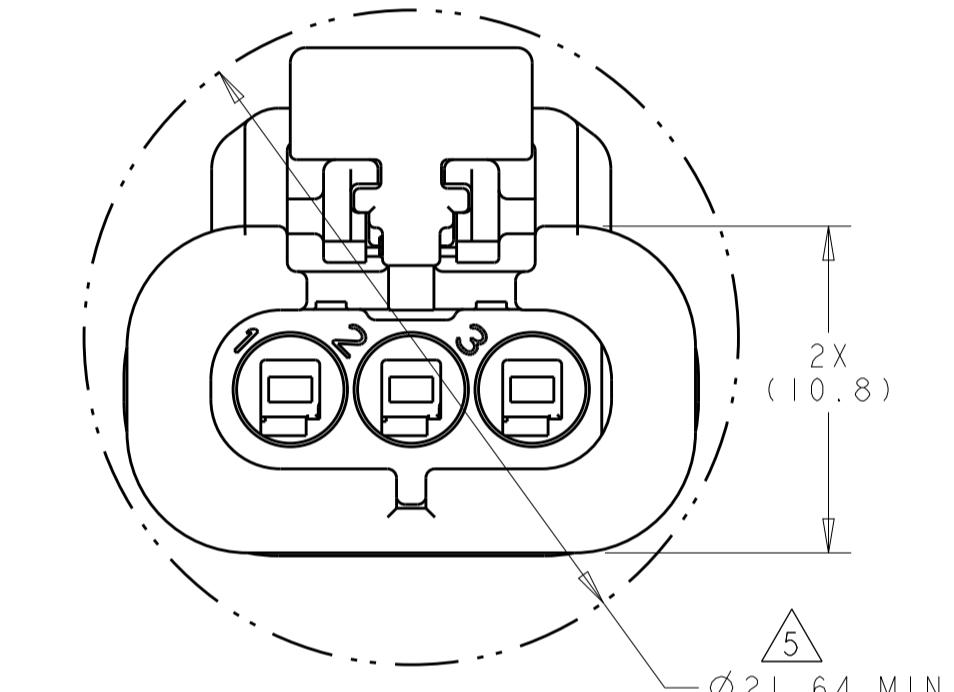
ISOMETRIC VIEWS



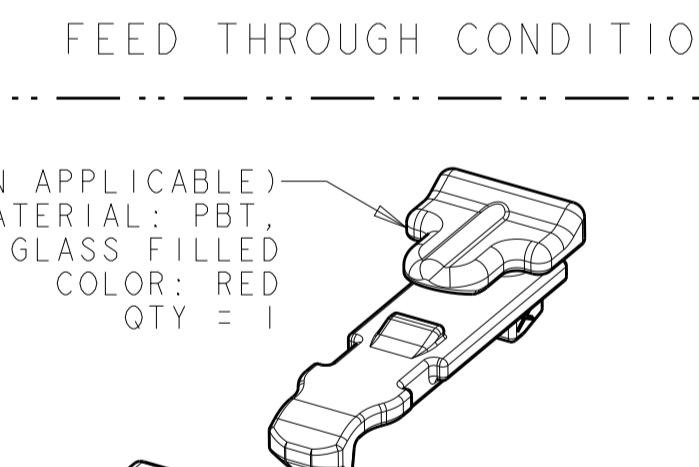
PN 1488991-5 SHOWN
SCALE 8:1



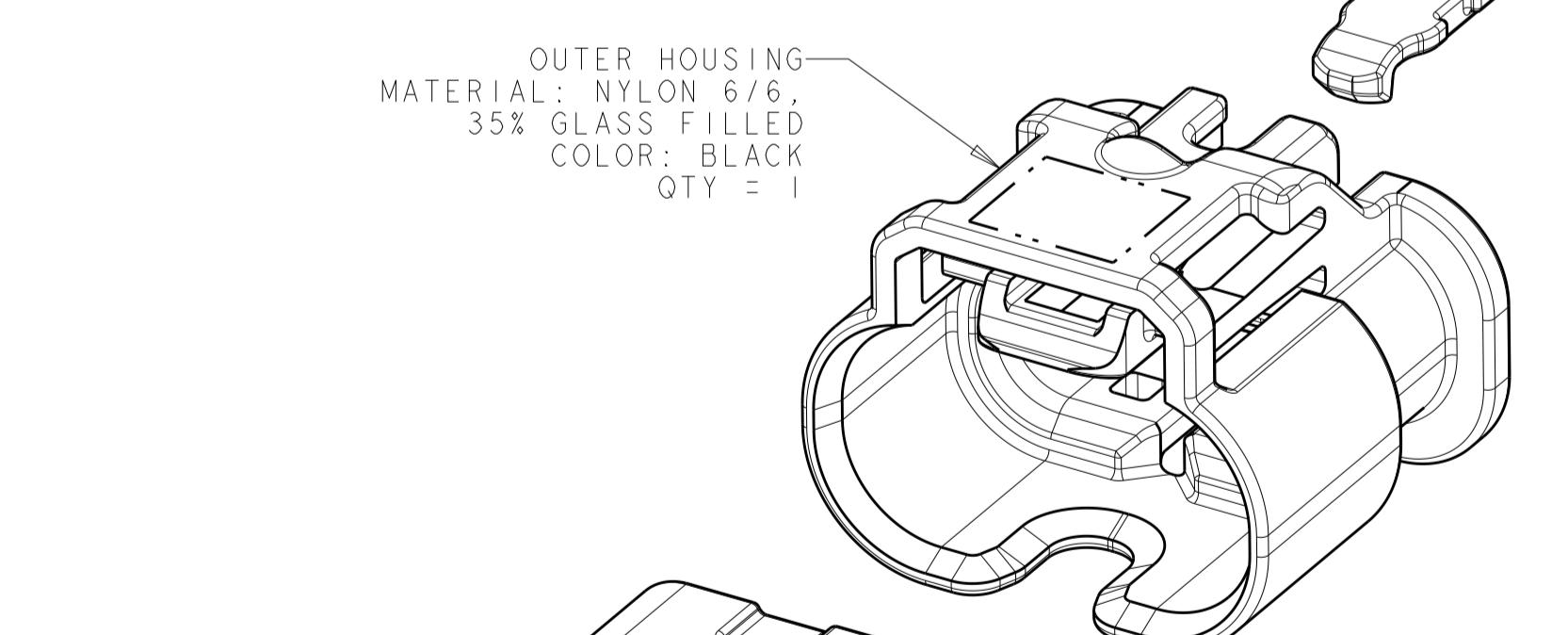
FEED THROUGH CONDITION



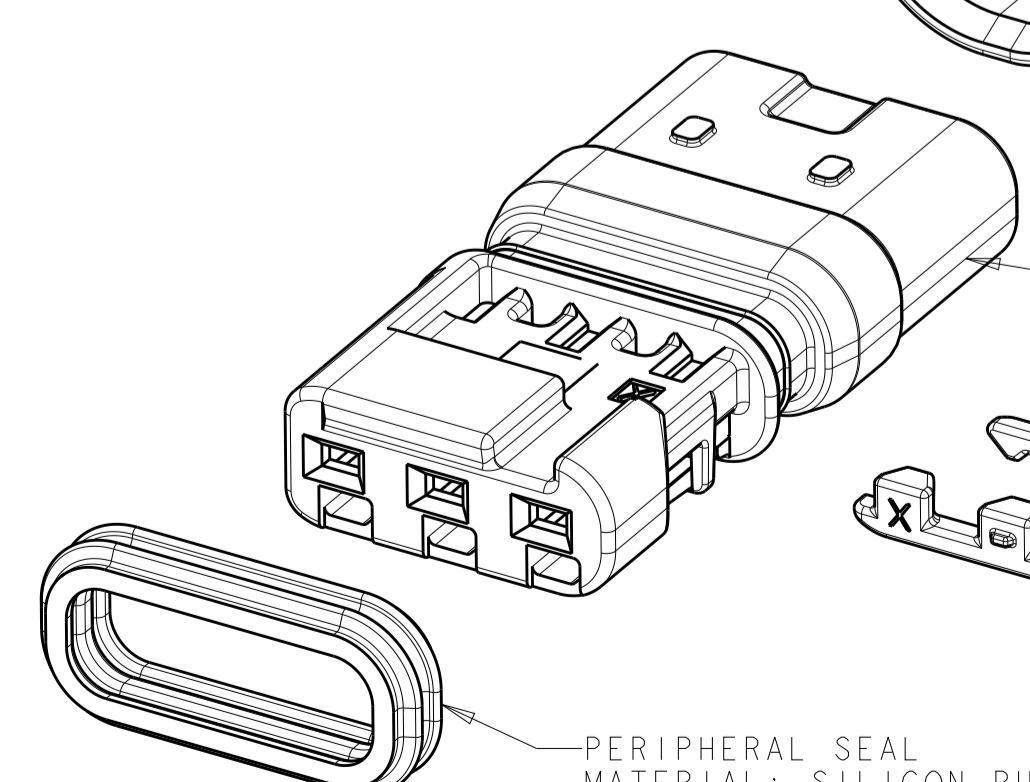
PN 4-1488991-1 SHOWN
SCALE 8:1



OUTER HOUSING
MATERIAL: NYLON 6/6,
35% GLASS FILLED
COLOR: BLACK
QTY = 1



INNER HOUSING
MATERIAL: NYLON 6/6,
35% GLASS FILLED
COLOR: SEE TABLE
QTY = 1



TPA/SECONDARY LOCK
MATERIAL: PBT,
30% GLASS FILLED
COLOR: RED
QTY = 1

PERIPHERAL SEAL
MATERIAL: SILICON RUBBER
COLOR: GREEN
QTY = 1

EXPLODED ISOMETRIC VIEW

THIS DRAWING IS A CONTROLLED DOCUMENT.		DRAWN M. FORSKA 08MAR2004		APPROVED G. MARTIN 08MAR2004		TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC		NAME CONNECTOR ASSEMBLY, FEMALE, 3 POSITION, SEALED, 1.2mm (STANDARD LATCH VERSION)	
		0 PLC	1 PLC	2 PLC	3 PLC	4 PLC	APPLICATION SPEC IS 408-8928
MATERIAL	FINISH	±0.3	±0.3	±0.10	±0.10	±0.10	WEIGHT 3.0 GRAMS
SEE TABLE							CUSTOMER DRAWING A100779C=1488991
							SCALE 4:1 SHEET 2 OF 2 REV 0

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[2-1488991-8](#)