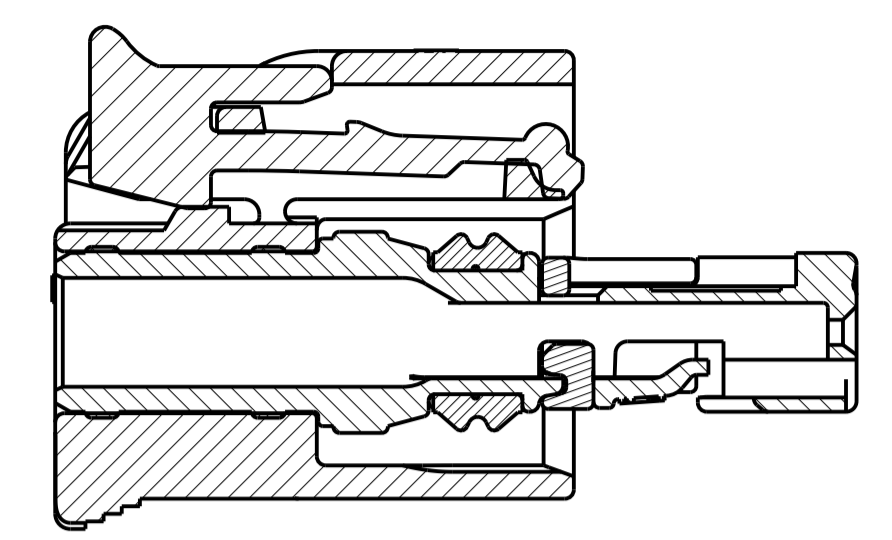
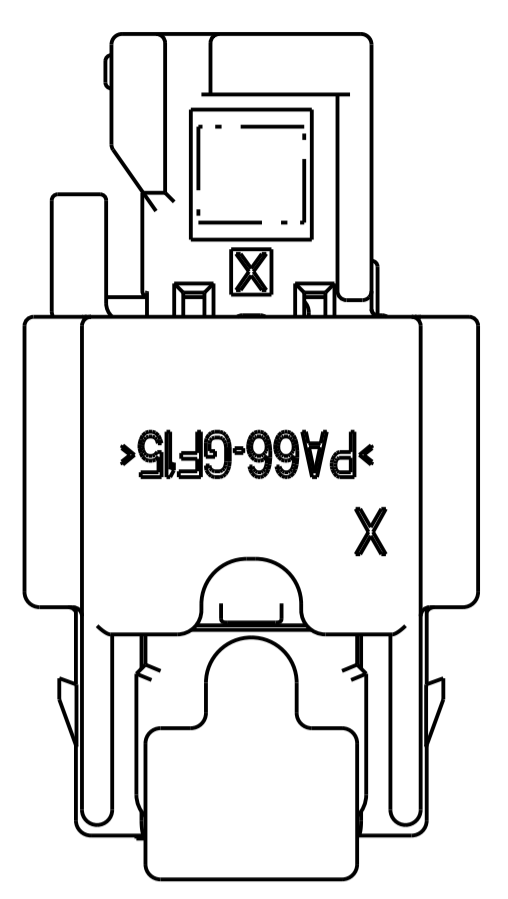
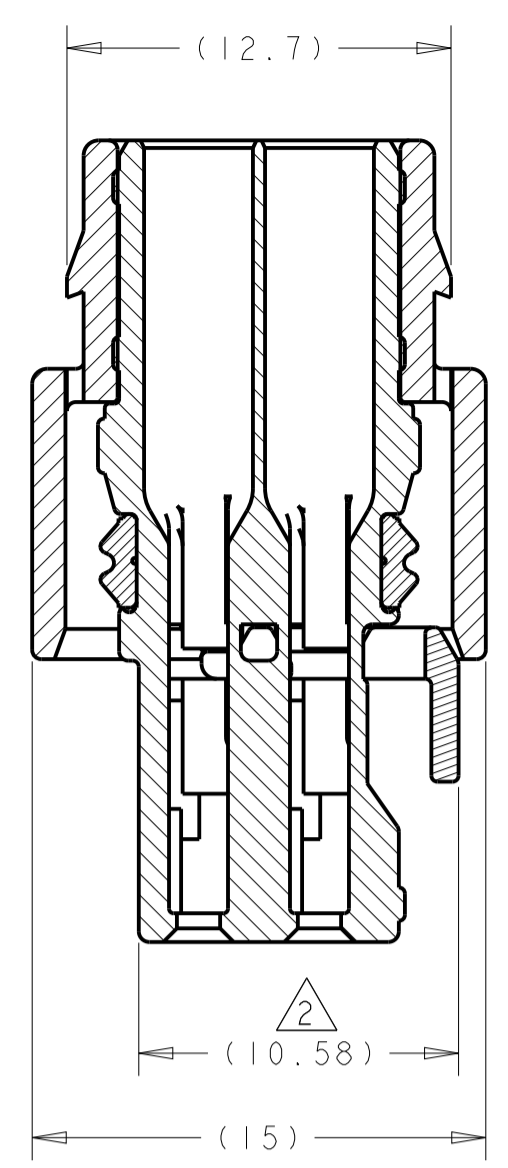


REVISIONS					
P.	LTN	DESCRIPTION	DATE	DWN	APVD
B6		REVISED PER ECO-14-014610	26SEP2014	DLD	SLM
B7		REVISED PER ECO-20-002101	17FEB2020	JMS	S1
B8		REVISED PER ECO-20-012882	14OCT2020	SM	S1
B9		REV PER ECO-21-004755	22APR2021	RGV	S1

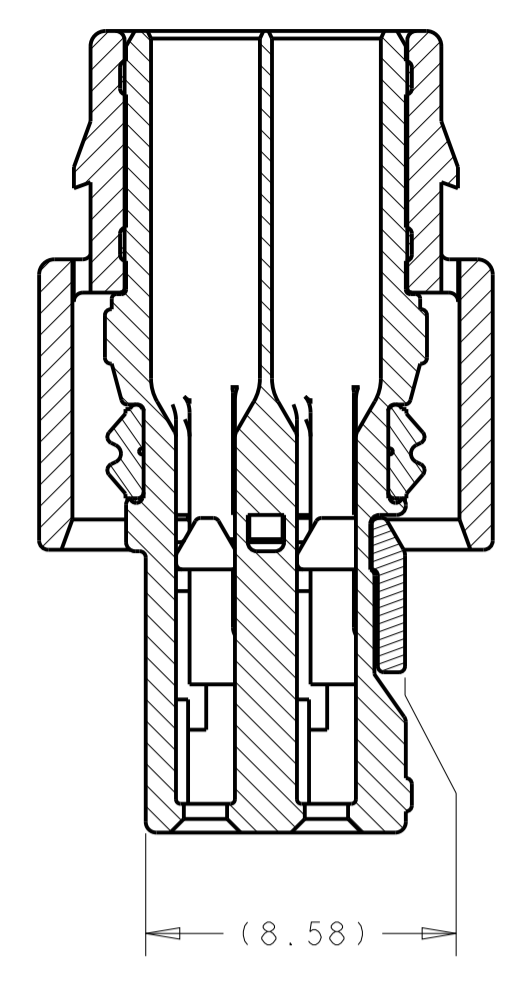
- PART NUMBER 1-1924067-9 SHOWN ON DRAWING.
- TPA AND CPA (WHEN APPLICABLE) ARE SHIPPED IN THEIR PRE-LATCHED POSITIONS. SEE INSTRUCTION SHEET 408-8968 FOR DIRECTIONS ON MOVING THE CPA AND TPA TO THE PRE-LATCHED POSITION, IF NECESSARY.
- TERMINALS SOLD SEPARATELY. FOR USE WITH TE MCON 1.2mm CLEAN BODY CONTACT WITH WIRE SEAL. SEE TE MCON 1.2-CB (CLEAN BODY) TABLE FOR APPLICABLE PART NUMBERS.
- APPLICABLE HEADER INTERFACE DRAWING 114-18679-3 IS AVAILABLE UPON REQUEST. A COPY OF THIS DRAWING CAN BE OBTAINED FROM THE TYCO ELECTRONICS PRODUCT MANAGER, VIA YOUR TE CONNECTIVITY SALES REPRESENTATIVE OR CUSTOMER SERVICE.
- MINIMUM FEED THROUGH CONDITION WITH 1.0mm CLEARANCE ALL AROUND.
- TRACEABILITY PRINTED IN THIS LOCATION AT ASSEMBLY.
- NOTE LEFT BLANK INTENTIONALLY.
- PART NUMBERS 1924067-7, -8, 1-7, 1-8 INNER HOUSING ARE ASSEMBLED 180°.
- PROTOTYPE ASSEMBLIES USE GERMAN OUTER HOUSING P/N: 1718648-1, CPA P/N: 1670193-1 AND SEAL P/N: 1718650-1.
- NOTE DELETED
- TPA ENGAGE FORCE: PRESET TO FULL ≥ 2 N AND ≤ 60 N.
- TPA DISENGAGE FORCE: DISENGAGE FROM FULL TO PRESET ≥ 2 N AND ≤ 60 N.
- CPA ENGAGE FORCE: PRESET TO FULL WITHOUT CONNECTORS MATED ≥ 40 N.
- CPA ENGAGE FORCE: PRESET TO FULL WITH CONNECTORS MATED < 30 N.
- POLARIZATION FEATURE EFFECTIVENESS:
CONNECTOR MATED TURNED 180° NO MATING > 125 N.
WRONG KEYING NO MATING > 125 N.
- VALIDATED UP TO USCAR TEMPERATURE CLASS III.
- SEE INSTRUCTION SHEET 408-8928.
- REFERENCE SHEET 2 FOR ISOMETRIC VIEWS.
- TERMINAL 1670146-x REPLACES 1418847-x
- ACTUAL BASE MATERIAL IS PA66 GF13%. THIS MATERIAL HAS A TOLERANCE OF $\pm 2\%$ BY FORMULATION. MARKING SHOWN ON DRAWING IS BASED ON MAX GLASS FILL (GF) % ALLOWED BY THE FORMULATION. NA MANUFACTURING REGION WILL IMPRINT THE MAX GLASS FILLED ALLOWANCE. THE CHINA MANUFACTURING REGION WILL IMPRINT THE NOMINAL GLASS FILLED ALLOWANCE.
- DUE TO VARIATION IN MOLD DESIGN, SOME NON-FUNCTIONAL FEATURES OF THE ASSEMBLY MAY VARY FROM WHAT IS SHOWN ON THE DRAWING. FORM, FIT, FUNCTION ARE NOT IMPACTED.



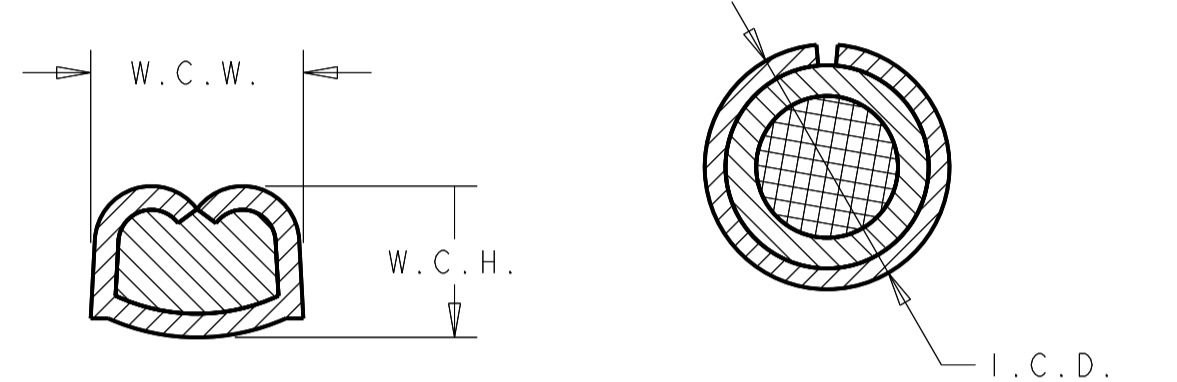
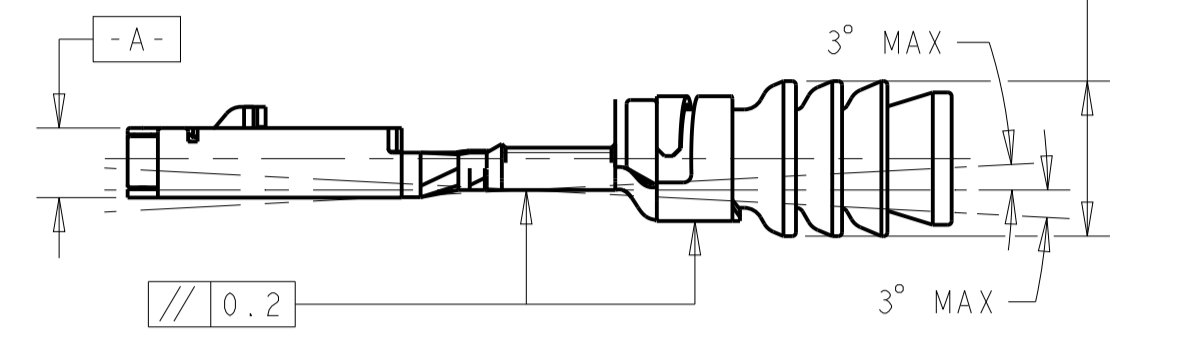
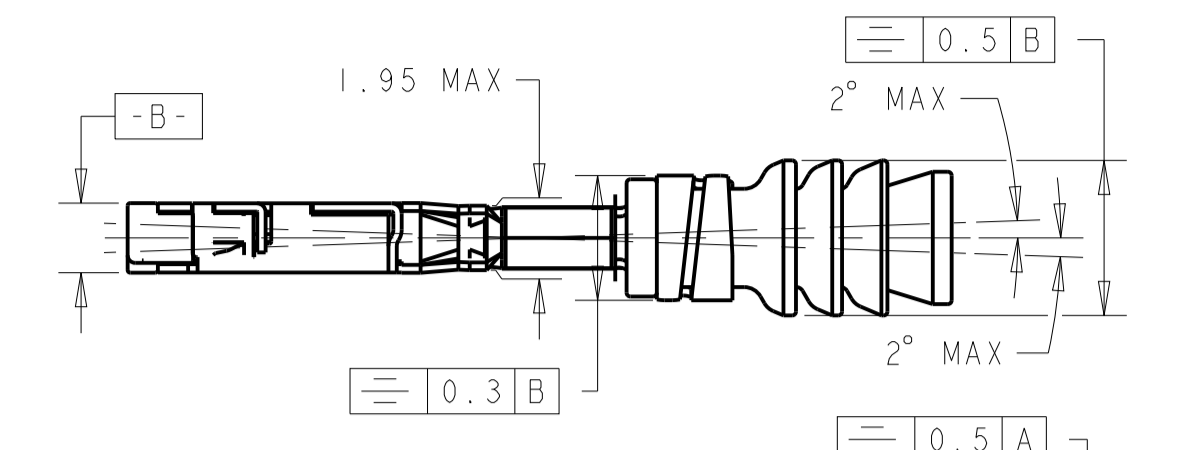
SECTION B-B
SHOWN WITH CPA (WHEN APPLICABLE)
IN IT'S LATCHED POSITION
FOR REFERENCE ONLY



SECTION A-A

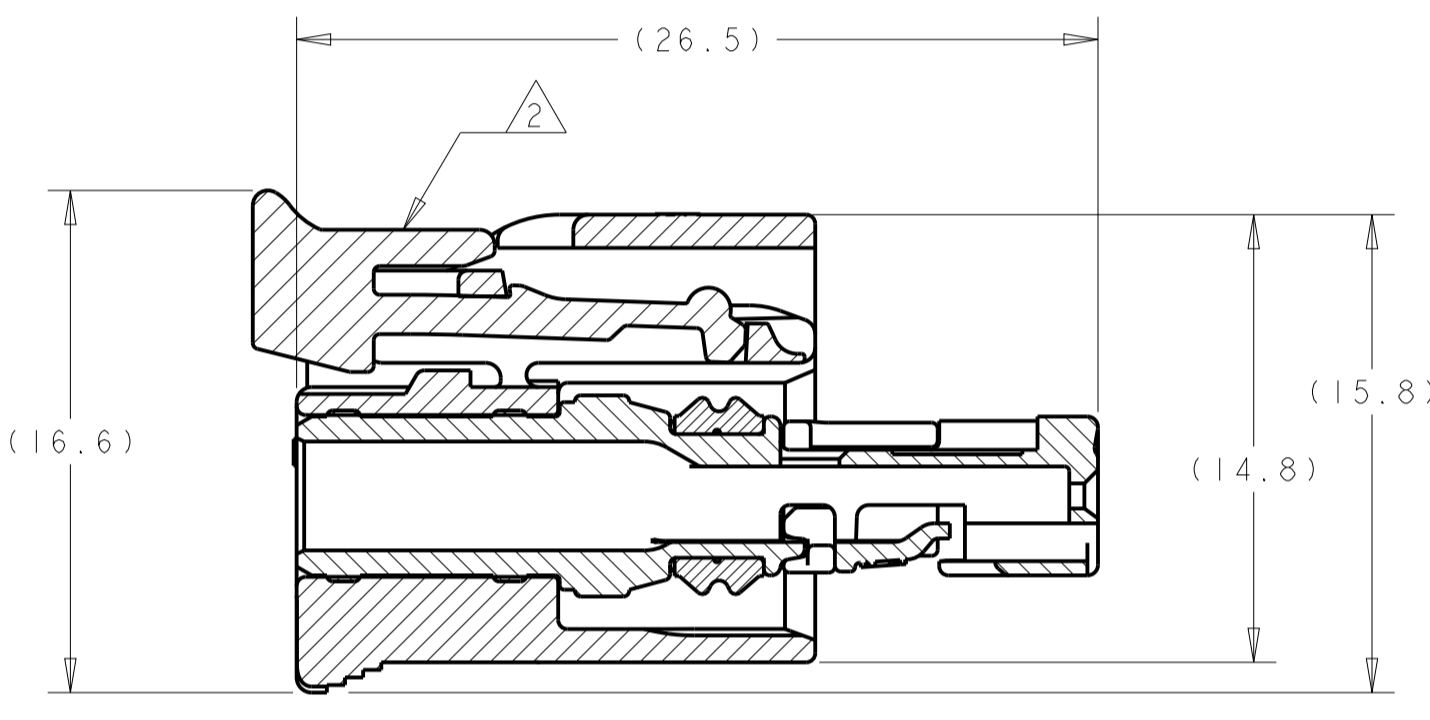


SECTION A-A
SHOWN WITH TPA
IN IT'S LATCHED POSITION
FOR REFERENCE ONLY

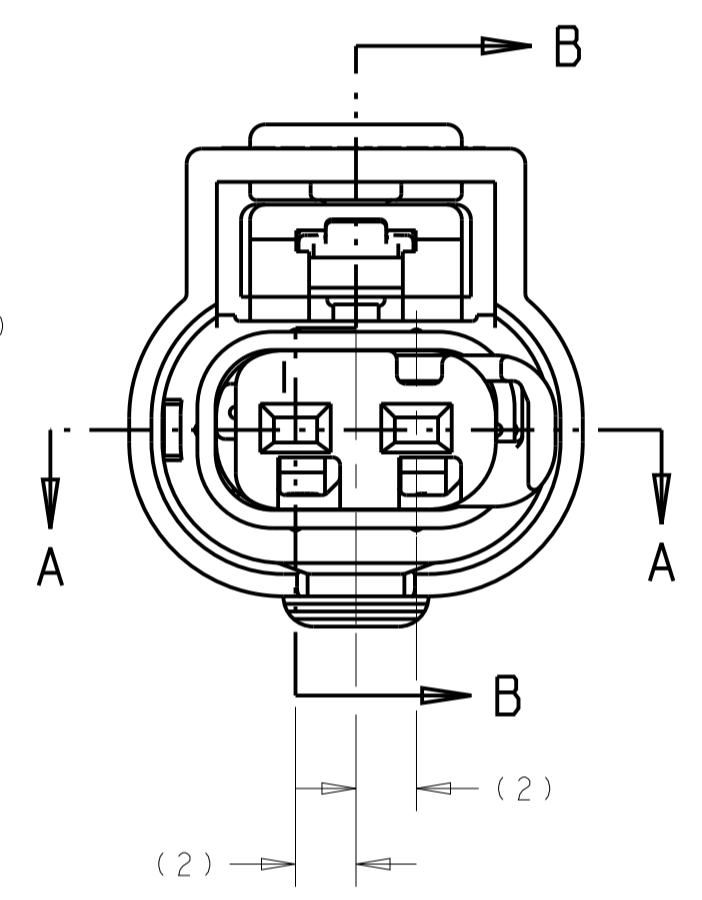


WIRE CRIMP DIMENSIONS

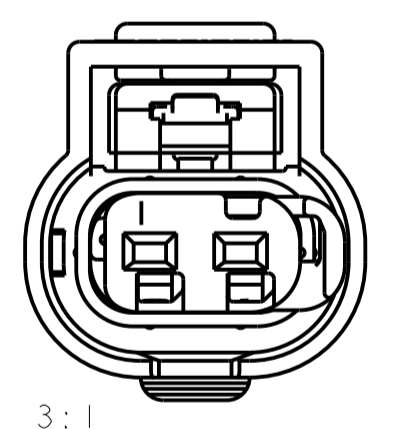
INSULATION CRIMP DIMENSIONS



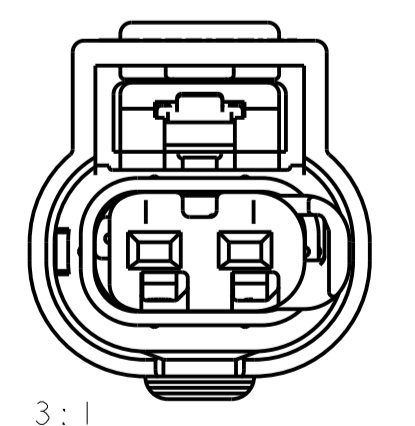
SECTION B-B



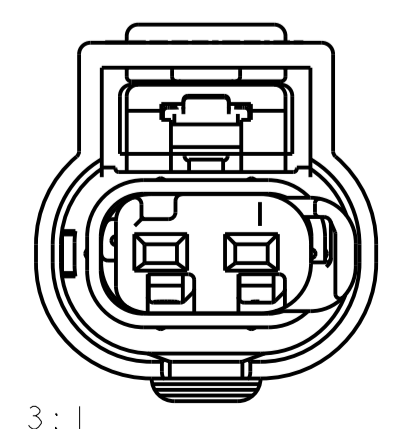
KEYING CONFIGURATIONS



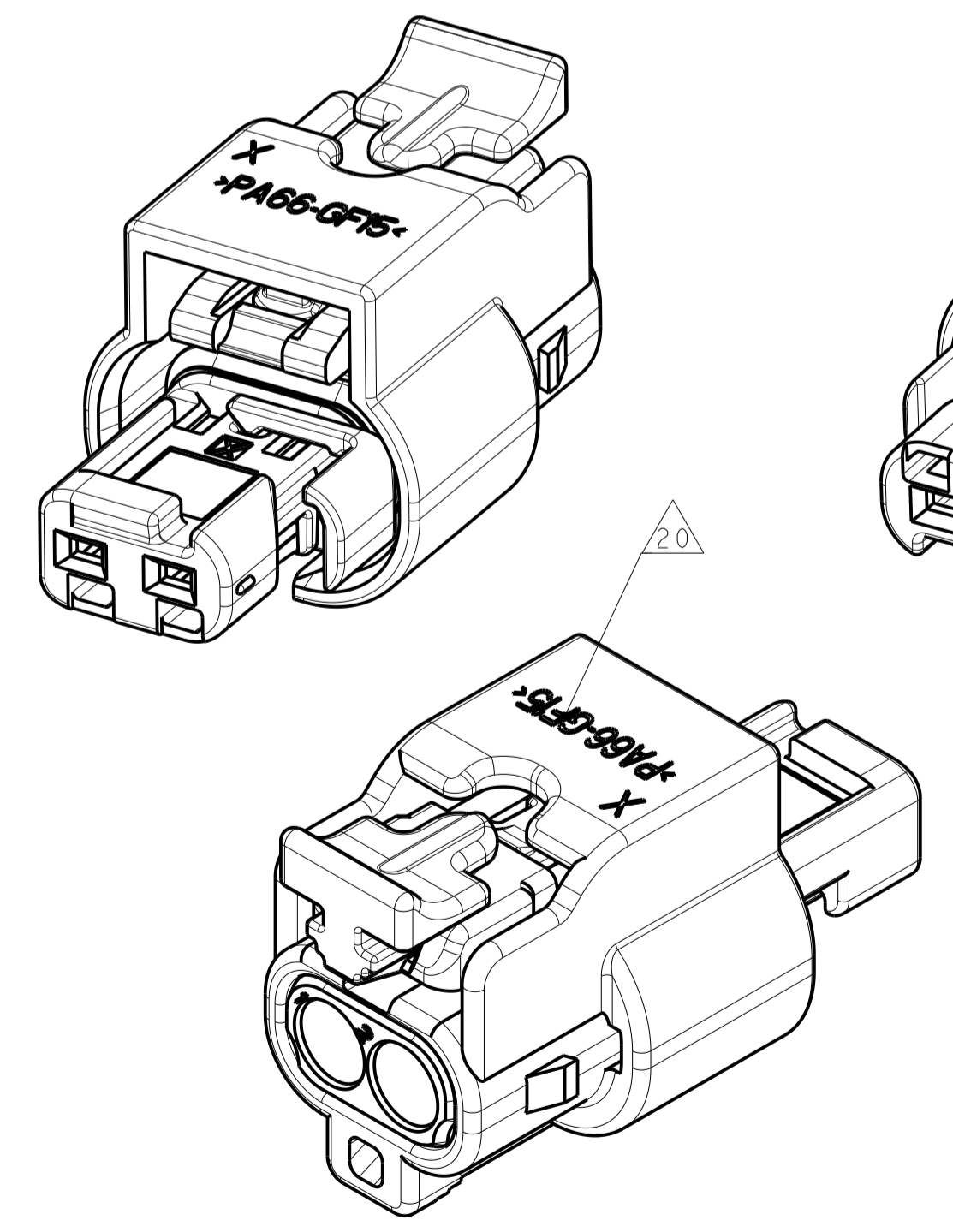
SCALE 3:1
KEYING OPTION A



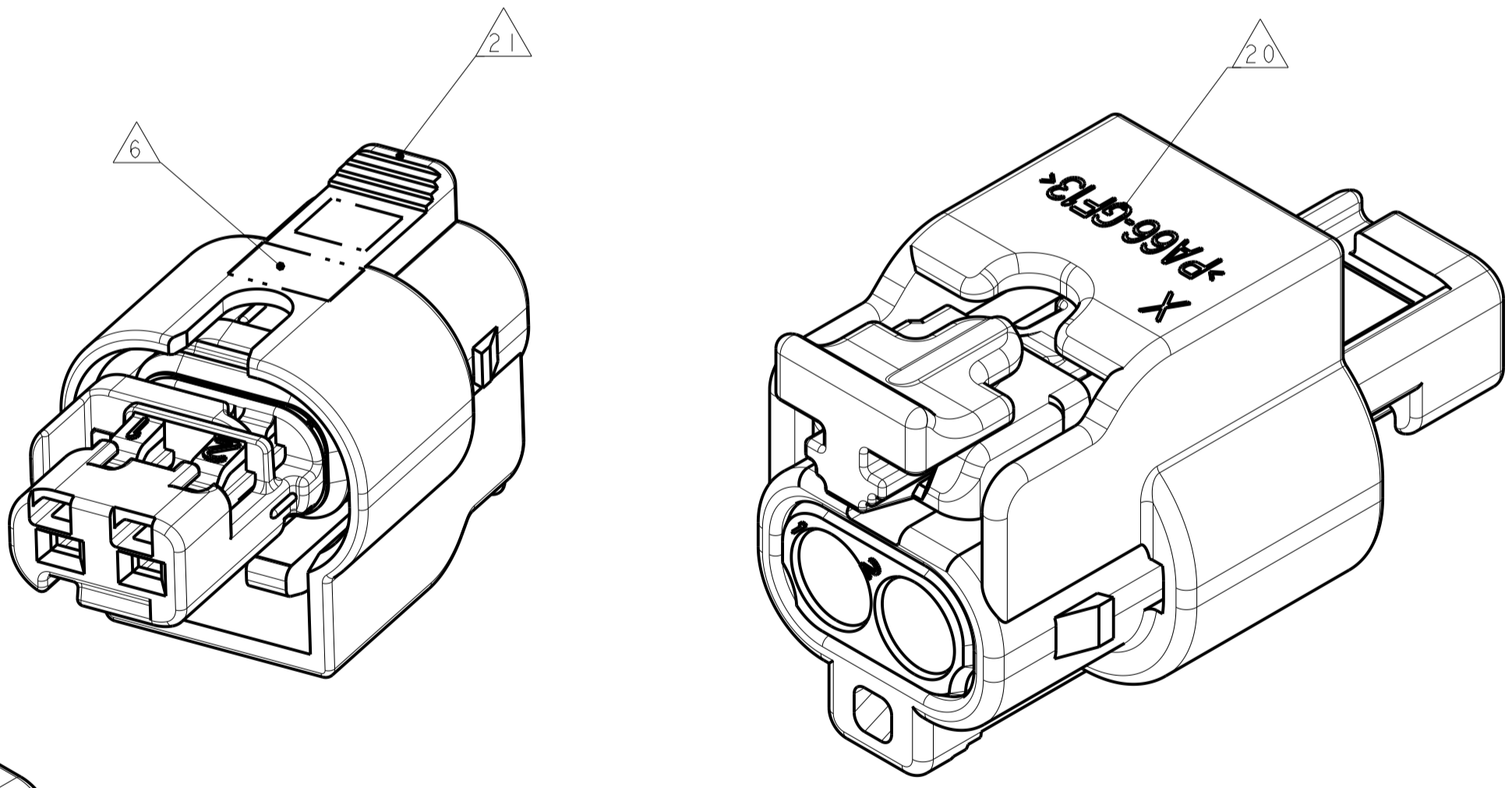
SCALE 3:1
KEYING OPTION B



SCALE 3:1
KEYING OPTION C



NORTH AMERICA MANUFACTURING REGION
ISOMETRIC VIEWS
1-1924067-9



CHINA MANUFACTURING REGION
ISOMETRIC VIEWS
1-1924067-9

TE MCON 1.2-CB (CLEAN BODY)								
PART NUMBER	PLATING	WIRE STRIP LENGTH	AWG	INSL. RANGE	W.C.H.	W.C.W.	I.C.D.	WIRE SEAL PART NUMBER
1418844-3	SILVER			1.2 TO 1.4	0.86 ± 0.03	1.27 ± 0.05	3.15 ± 0.05	967067-2
1418844-2	GOLD	3.3 ± 0.3	22					
1418844-1	TIN							
1670146-3	SILVER			1.4 TO 1.9	0.84 ± 0.03	1.57 ± 0.05	3.25 ± 0.05	967067-1
1670146-2	GOLD	3.6 ± 0.3	20					
1670146-1	TIN							
1418850-3	SILVER			1.8 TO 2.4	1.11 ± 0.05	1.31 ± 0.05		
1418850-2	GOLD	3.6 ± 0.3	18		1.11 ± 0.05	1.78 ± 0.05	3.35 ± 0.05	964972-1
1418850-1	TIN				1.31 ± 0.05			

RELEASED	RED	2138907-1	BLUE	C	4-1924067-3
RELEASED	RED	2138907-1	NATURAL	B	4-1924067-2
RELEASED	RED	2138907-1	BLACK	A	4-1924067-1
RELEASED	VIOLET	1989913-2	BLUE	C	2-1924067-1
RELEASED	VIOLET	1989913-2	NATURAL	B	2-1924067-0
RELEASED	VIOLET	1989913-2	BLACK	A	1-1924067-9
RELEASED	RED	1488787-1	BLACK	A	1-1924067-8
RELEASED	-	-	BLACK	A	1-1924067-7
RELEASED	RED	1488787-1	BLUE	C	1-1924067-6
RELEASED	RED	1488787-1	NATURAL	B	1-1924067-5
RELEASED	RED	1488787-1	BLACK	A	1-1924067-4
RELEASED	-	-	BLUE	C	1-1924067-3
RELEASED	-	-	NATURAL	B	1-1924067-2
RELEASED	-	-	BLACK	A	1-1924067-1

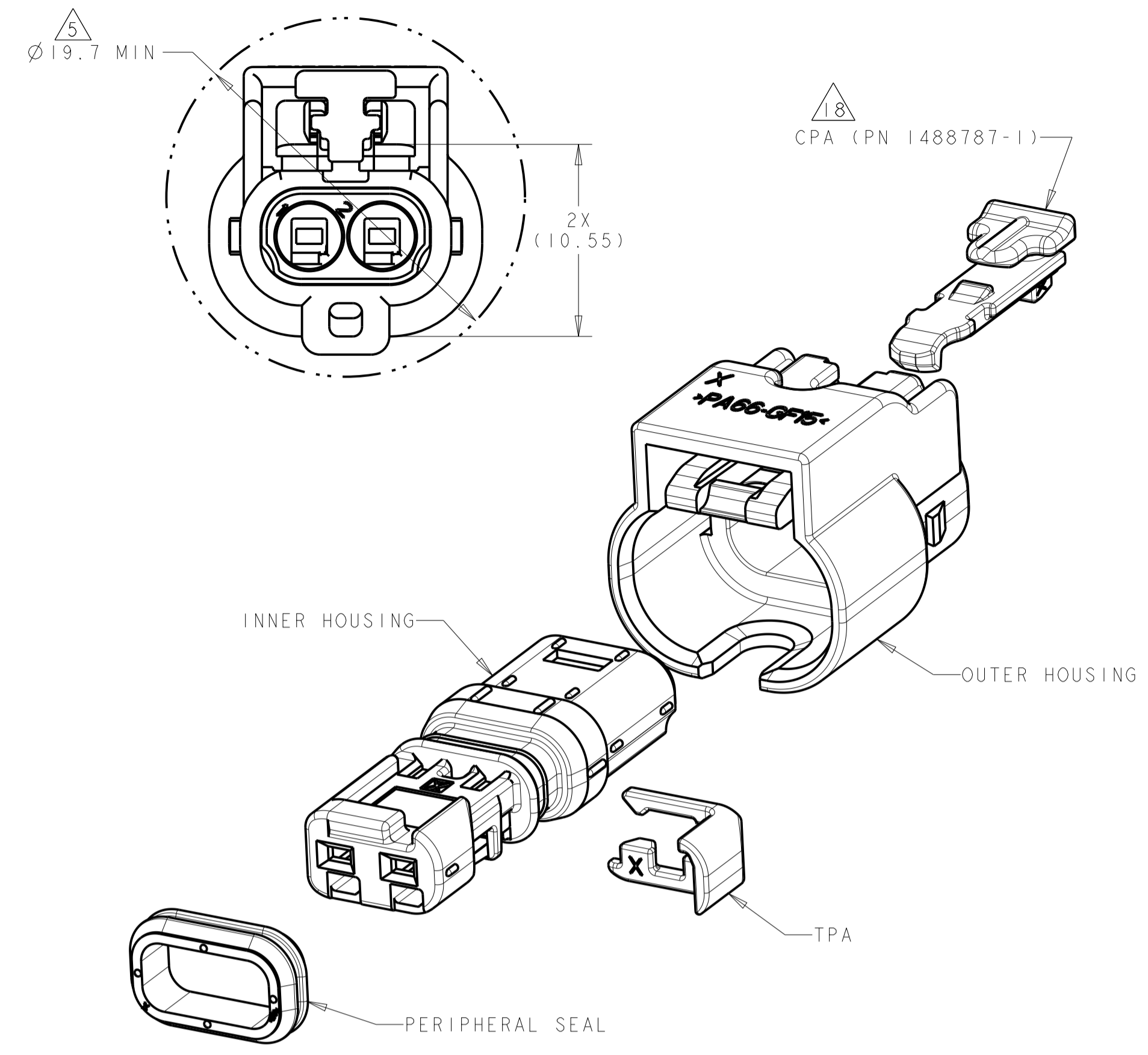
STATUS	COLOR	PART NO	COLOR	KEY	PART NUMBER
9 OBSOLETE					1924067-8
9 OBSOLETE					1924067-7
9 OBSOLETE					1924067-6
9 OBSOLETE					1924067-5
9 OBSOLETE					1924067-4
9 OBSOLETE					1924067-3
9 OBSOLETE					1924067-2
9 OBSOLETE					1924067-1

THIS DRAWING IS A CONTROLLED DOCUMENT.

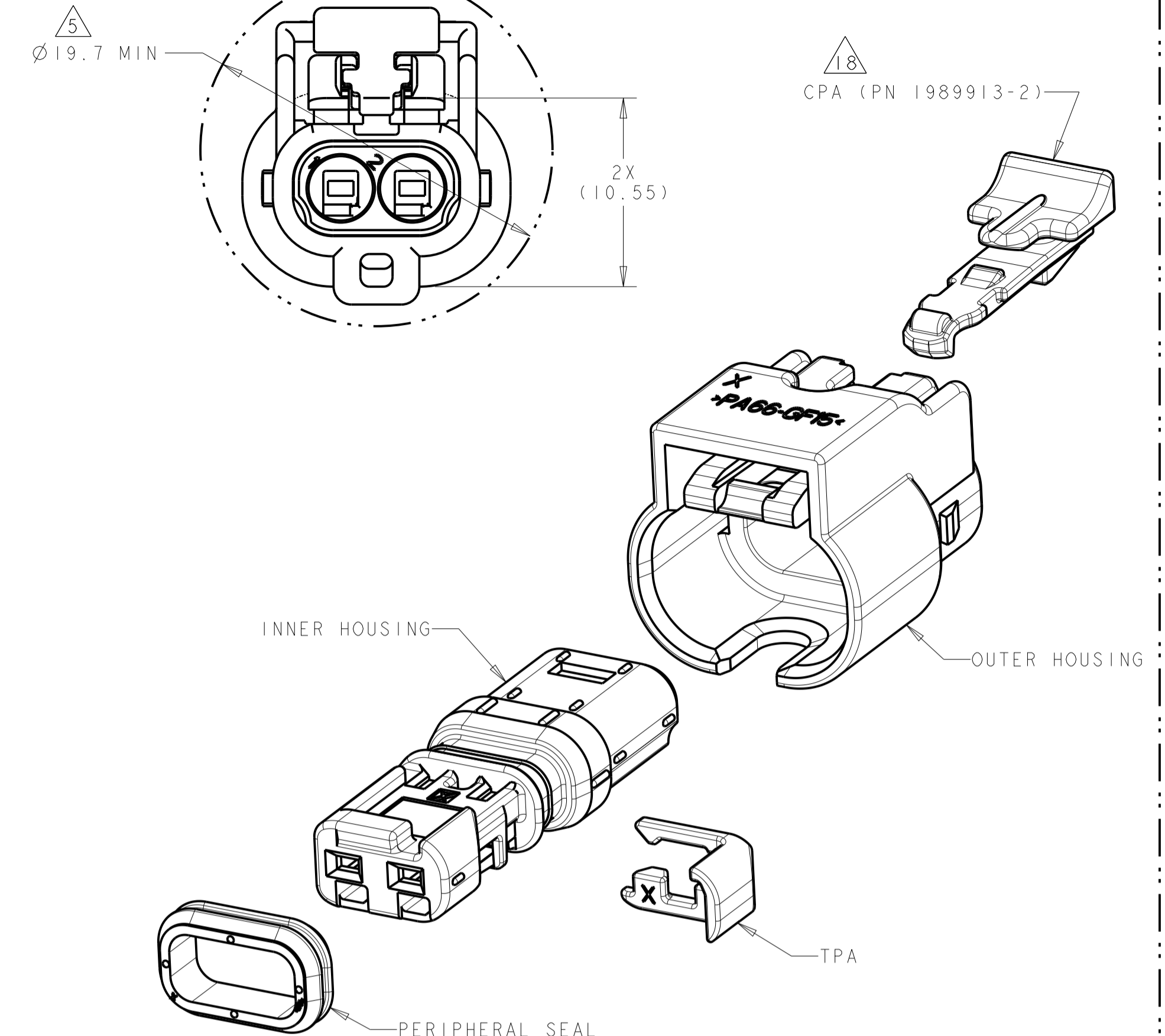
TE Connectivity

CONNECTOR ASSEMBLY, FEMALE, 2 POSITION SEALED, 1.2mm STANDARD LATCH VERSION

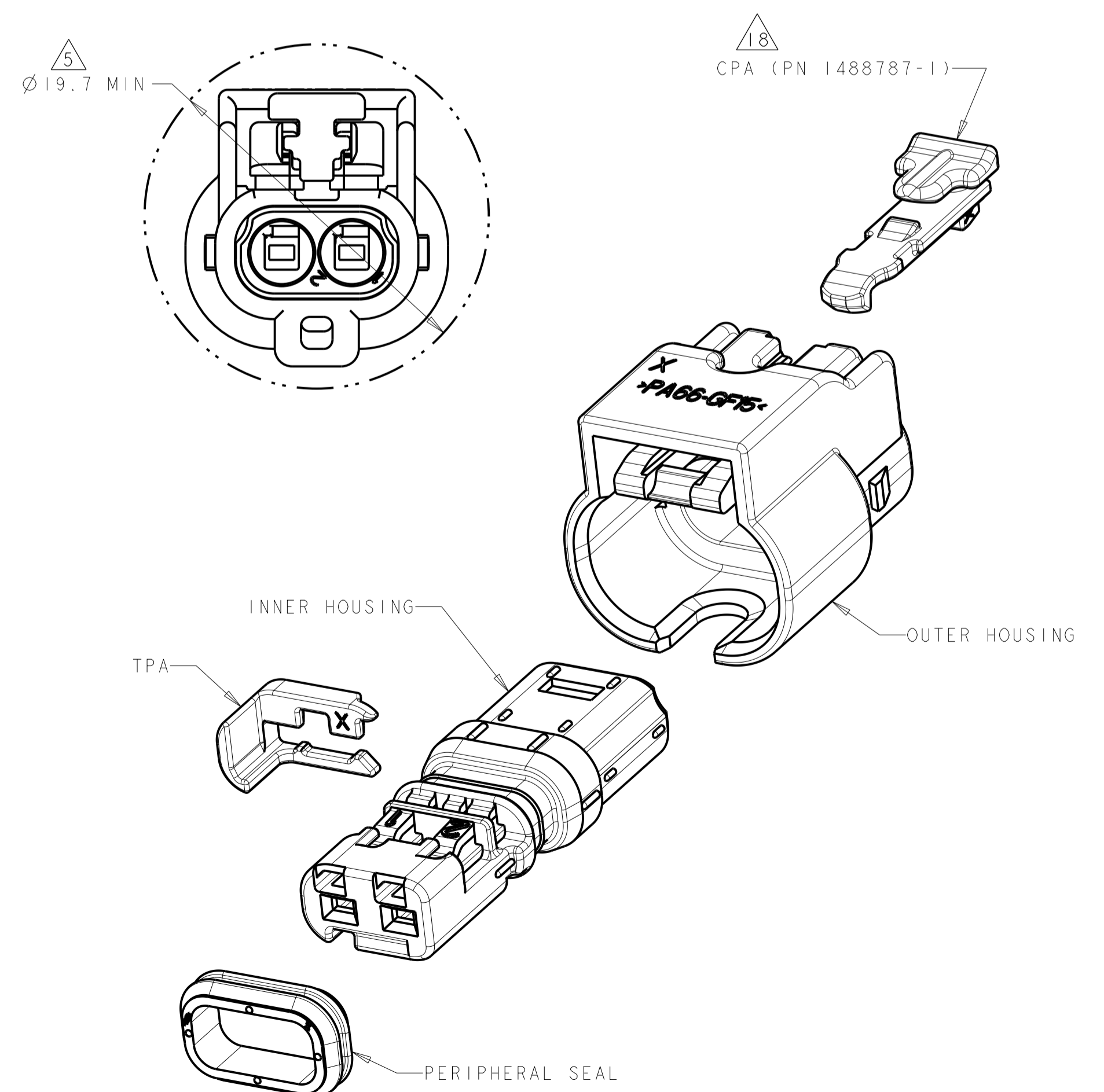
SCALE 4:1 SHEET 1 OF 2 REV B9



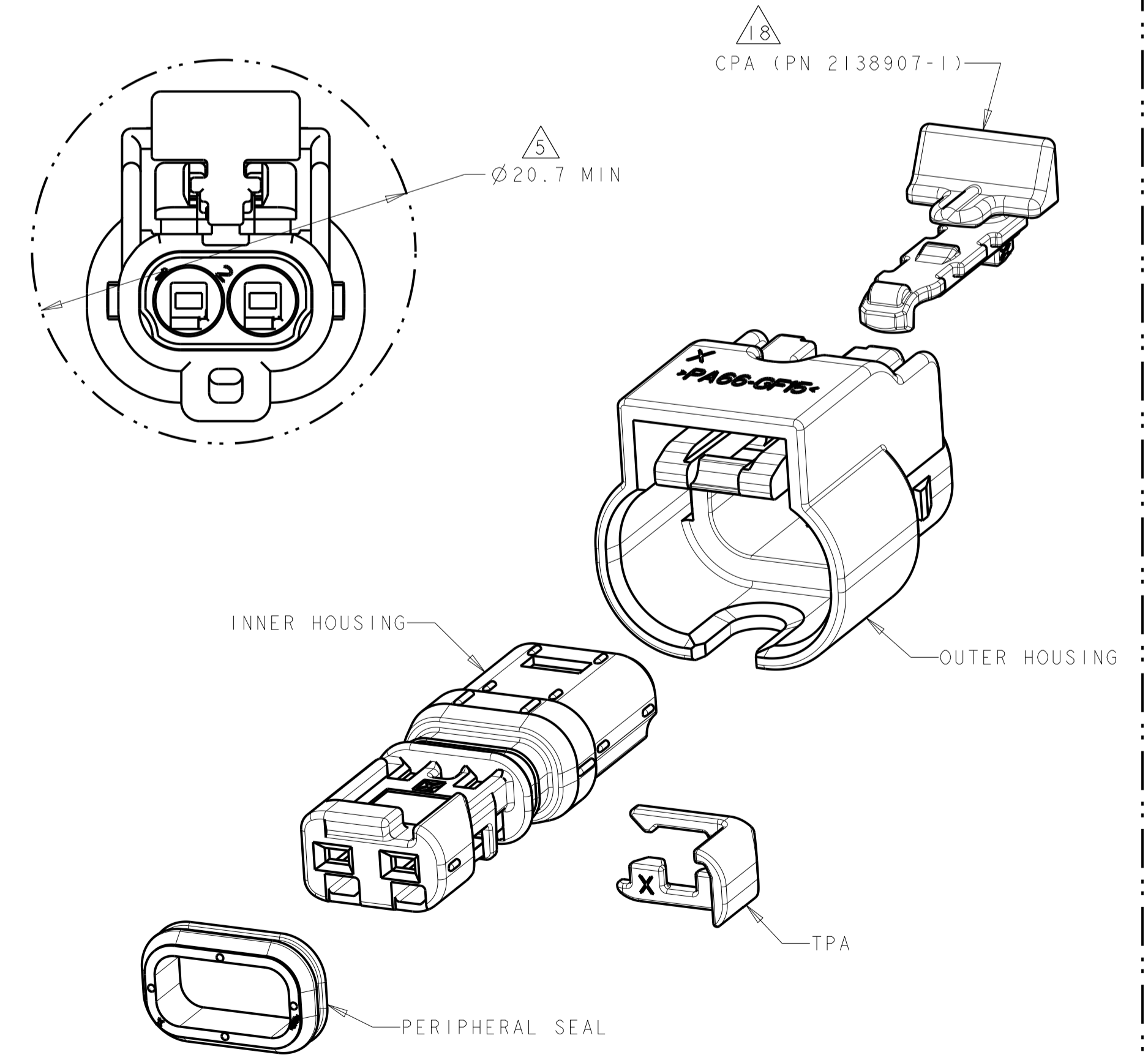
1-1924067-4
EXPLODED ISOMETRIC VIEW



1-1924067-9
EXPLODED ISOMETRIC VIEW



1-1924067-8
EXPLODED ISOMETRIC VIEW



4-1924067-1
EXPLODED ISOMETRIC VIEW

REVISIONS				
P.	LTN	DESCRIPTION	DATE	APVD
-	-	SEE SHEET 1	-	-

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: M. FORISKA 25SEP2006 CHK: G. MARTIN 25SEP2006 APVD: G. MARTIN 25SEP2006	
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±0.3 2 PLC ±0.10 3 PLC ± 4 PLC ± ANGLES ±1°	NAME: CONNECTOR ASSEMBLY, FEMALE, 2 POSITION SEALED, 1.2mm STANDARD LATCH VERSION SIZE: CAGE CODE DRAWING NO. A100779C=1924067 WEIGHT: 2.07g CUSTOMER DRAWING	
MATERIAL: SEE TABLE FINISH:	RESTRICTED TO:	SCALE: 4:1 SHEET: 2 OF 2 REV: B9	REVISIONS: