

1. PART NUMBER I-1924067-9 SHOWN ON DRAWING.

2. 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.

3. 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.

4. APPLICABLE HEADER INTERFACE DRAWING I14-18679-3 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.

5. MINIMUM FEED THROUGH CONDITION WITH 1.0mm CLEARANCE ALL AROUND.

6. TRACEABILITY PRINTED IN THIS LOCATION AT ASSEMBLY.

7. NOTE LEFT BLANK INTENTIONALLY.

8. PART NUMBERS I924067-7, -8, I-7, I-8 INNER HOUSING ARE ASSEMBLED 180°.

9. PROTOTYPE ASSEMBLIES USE GERMAN OUTER HOUSING P/N: 1718648-1, CPA P/N: 1670193-1 AND SEAL P/N: 1718650-1.

10. NOTE DELETED

11. TPA ENGAGE FORCE: PRESET TO FULL  $\geq 2$  N AND  $\leq 60$  N.

12. TPA DISENGAGE FORCE: DISENGAGE FROM FULL TO PRESET  $\geq 2$  N AND  $\leq 60$  N.

13. CPA ENGAGE FORCE: PRESET TO FULL WITHOUT CONNECTORS MATED  $\geq 40$  N.

14. CPA ENGAGE FORCE: PRESET TO FULL WITH CONNECTORS MATED  $< 30$  N.

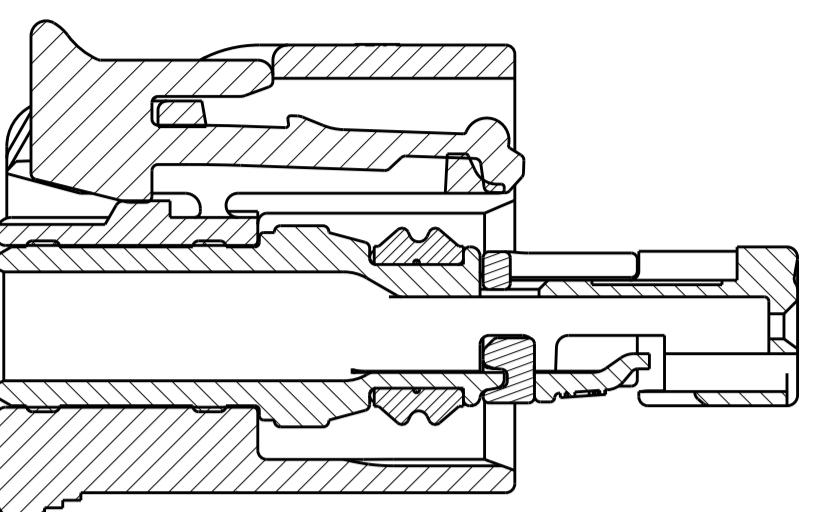
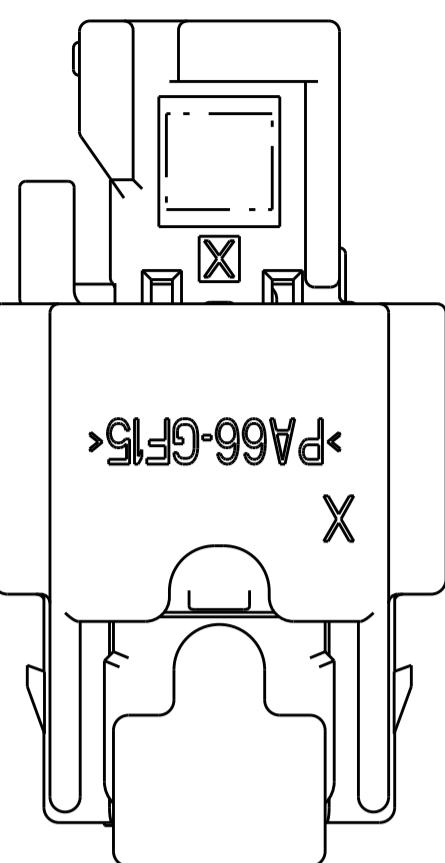
15. POLARIZATION FEATURE EFFECTIVENESS:  
CONNECTOR MATED TURNED 180° NO MATING  $> 125$  N.  
WRONG KEYING NO MATING  $> 125$  N.

16. VALIDATED UP TO USCAR TEMPERATURE CLASS III.

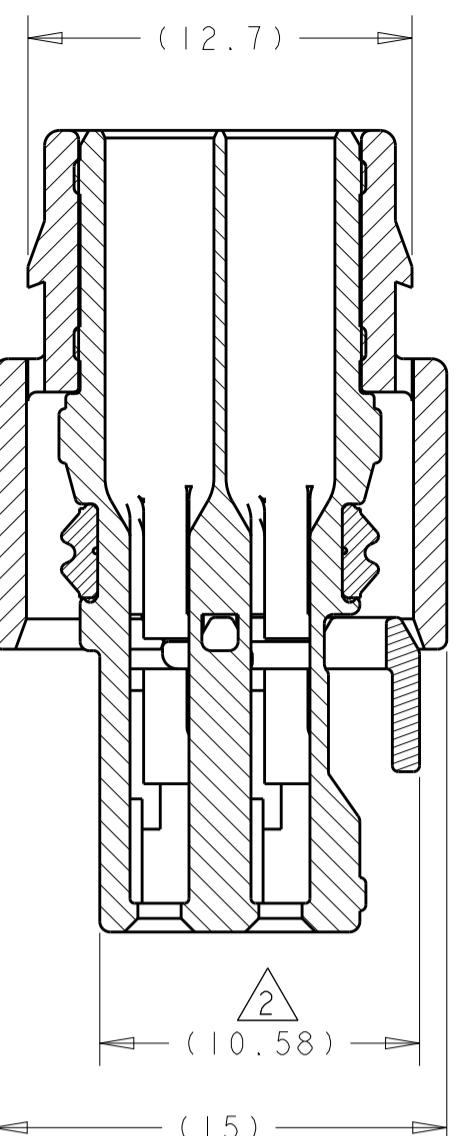
17. SEE INSTRUCTION SHEET 408-8928.

18. REFERENCE SHEET 2 FOR ISOMETRIC VIEWS.

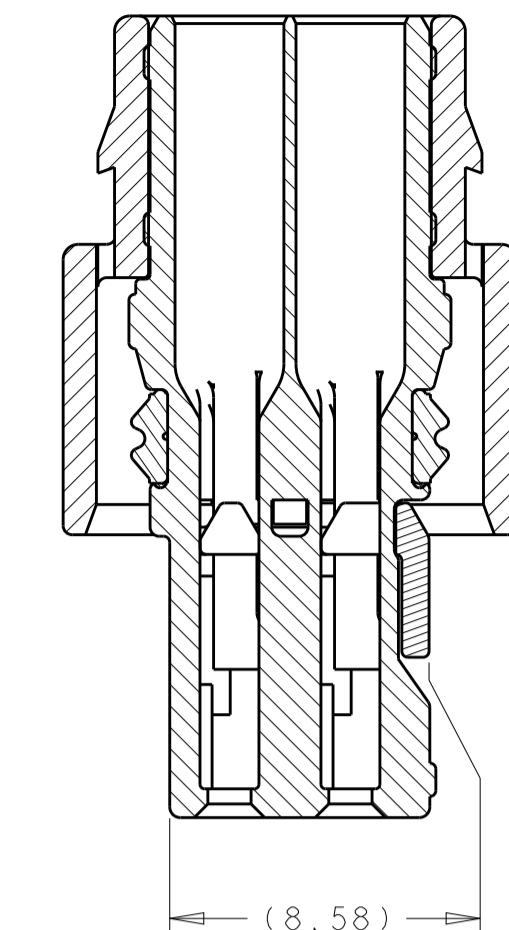
19. TERMINAL 1670146-x REPLACES 1418847-x



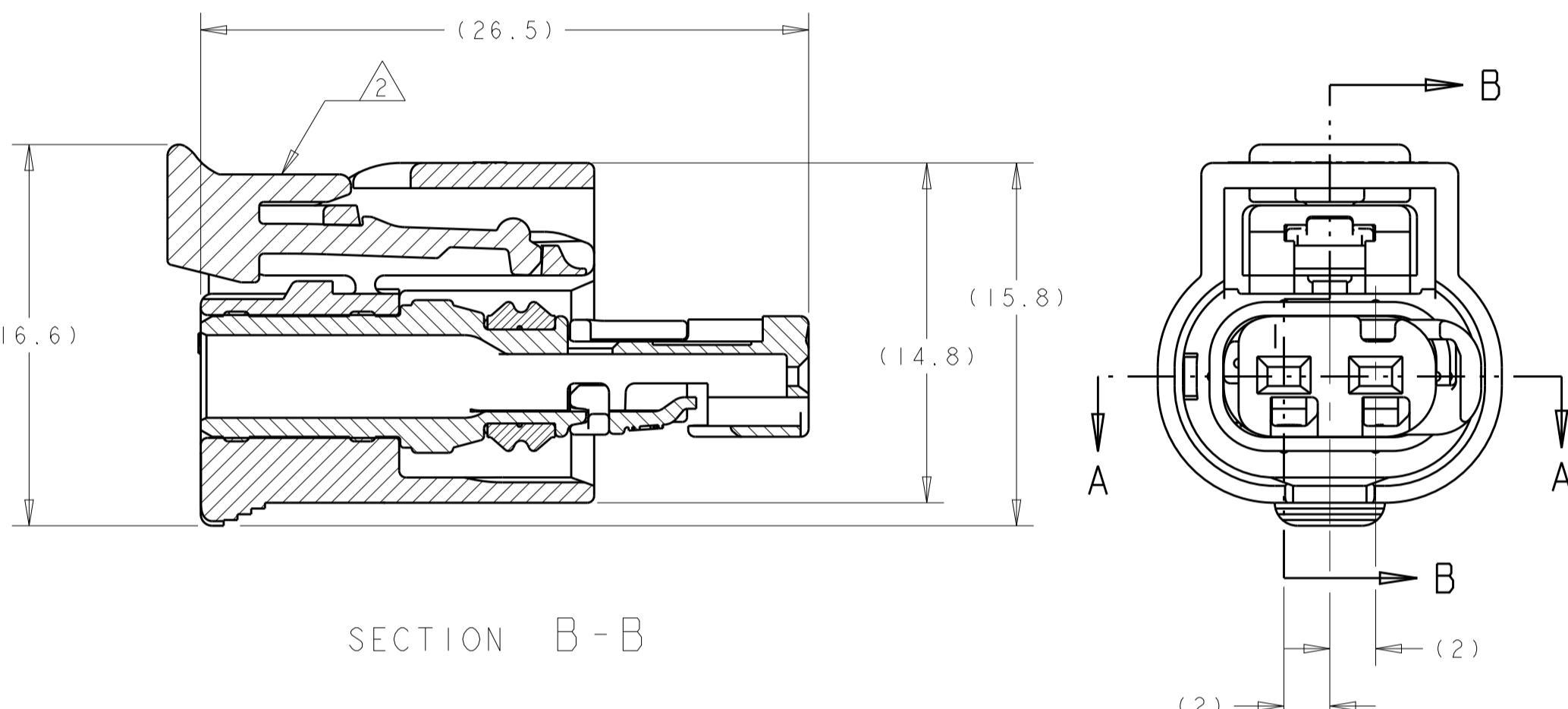
SECTION B-B  
SHOWN WITH CPA (WHEN APPLICABLE)  
IN IT'S LATCHED POSITION  
FOR REFERENCE ONLY



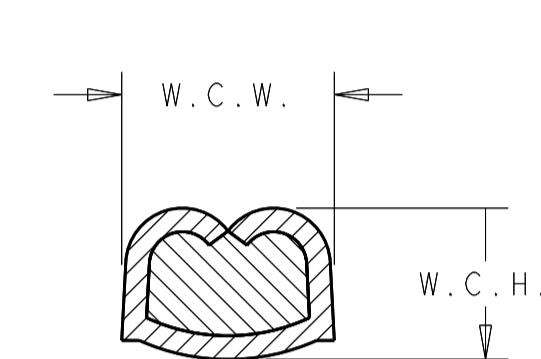
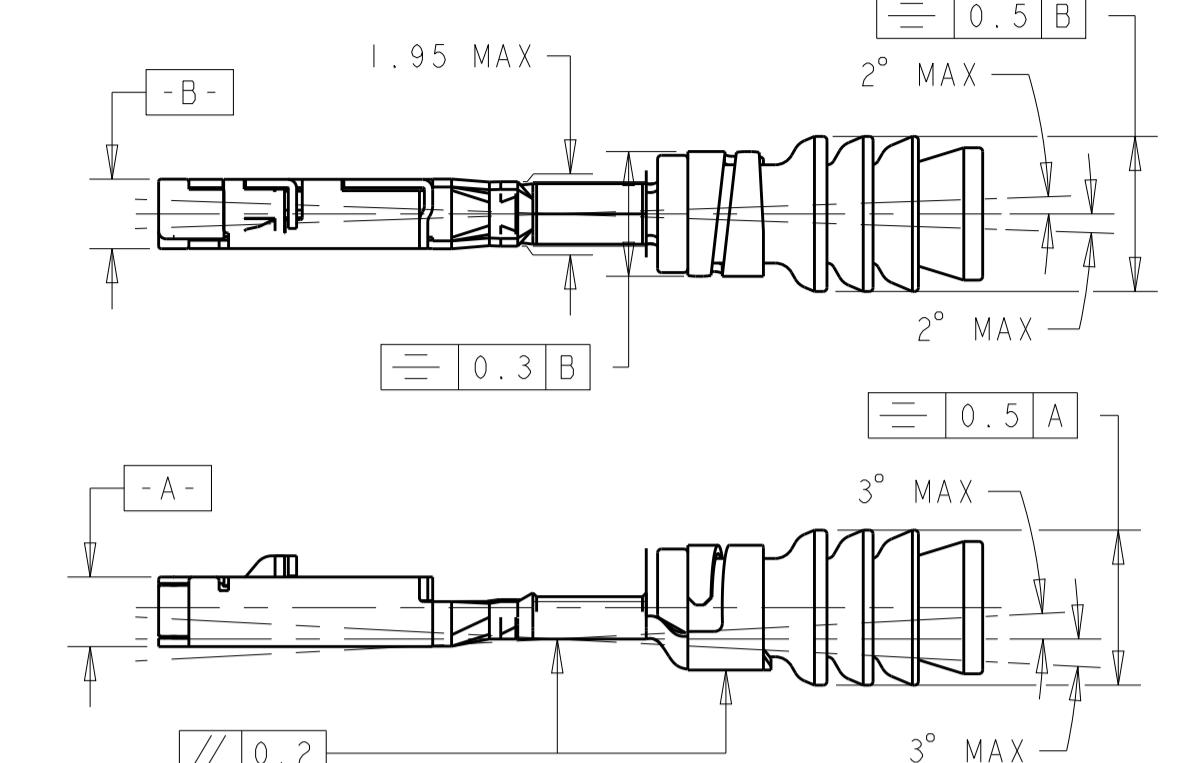
SECTION A-A



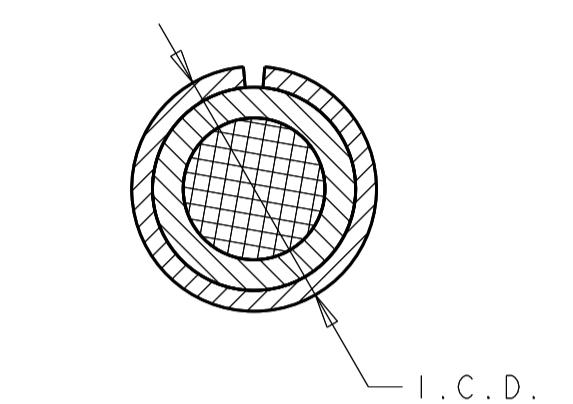
SECTION A-A  
SHOWN WITH TPA  
IN IT'S LATCHED POSITION  
FOR REFERENCE ONLY



SECTION B-B

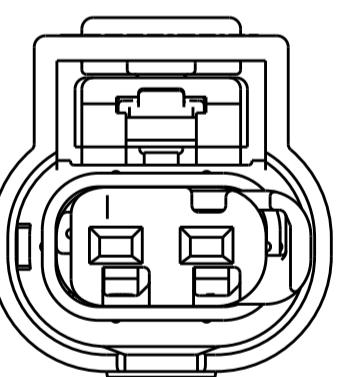


WIRE CRIMP  
DIMENSIONS

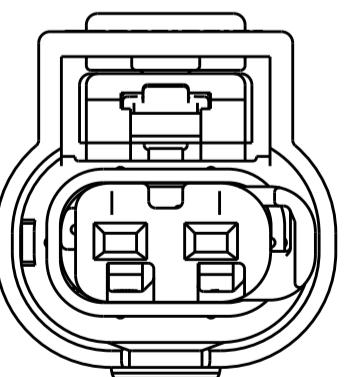


INSULATION CRIMP  
DIMENSIONS

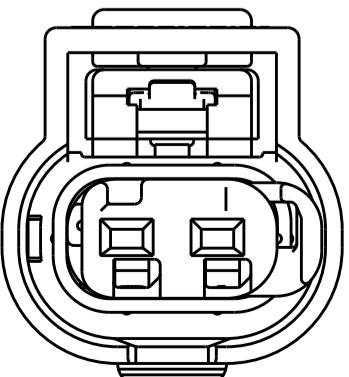
KEYING  
CONFIGURATIONS



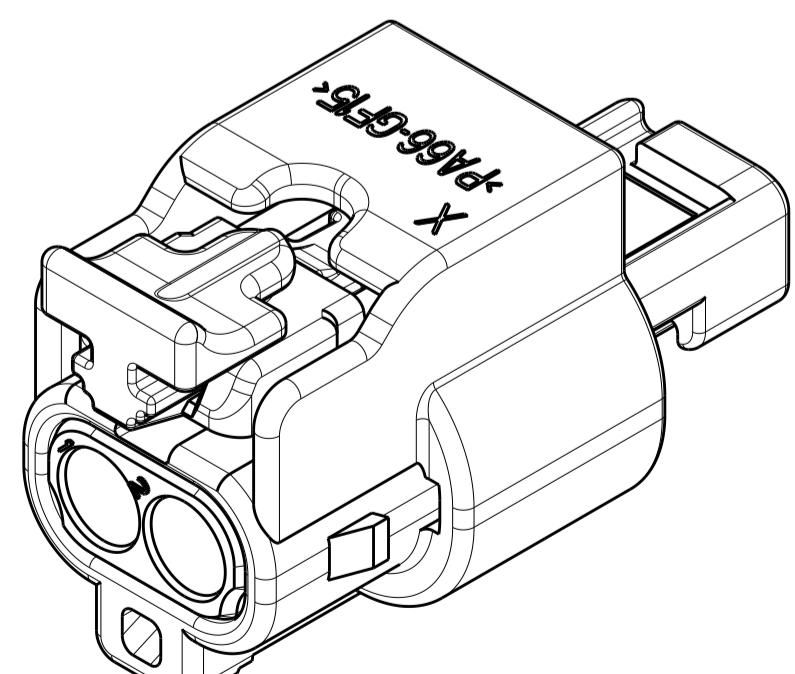
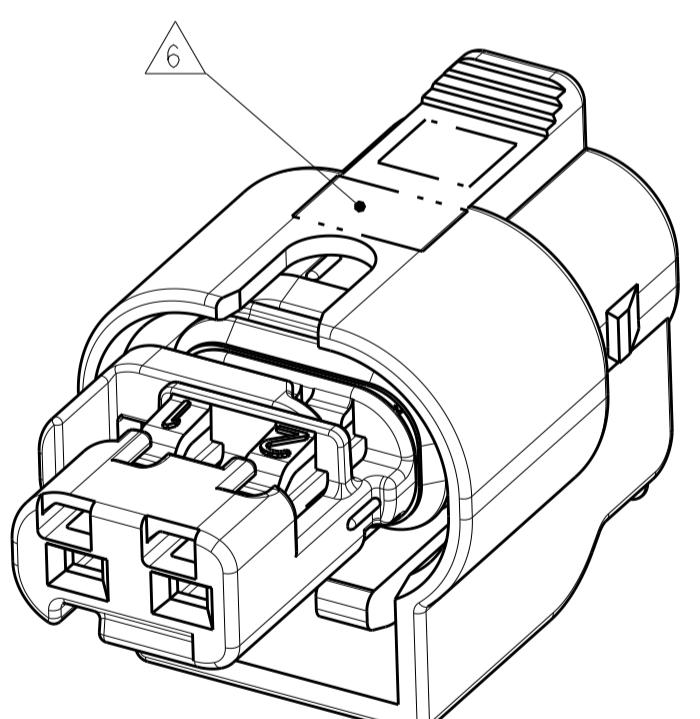
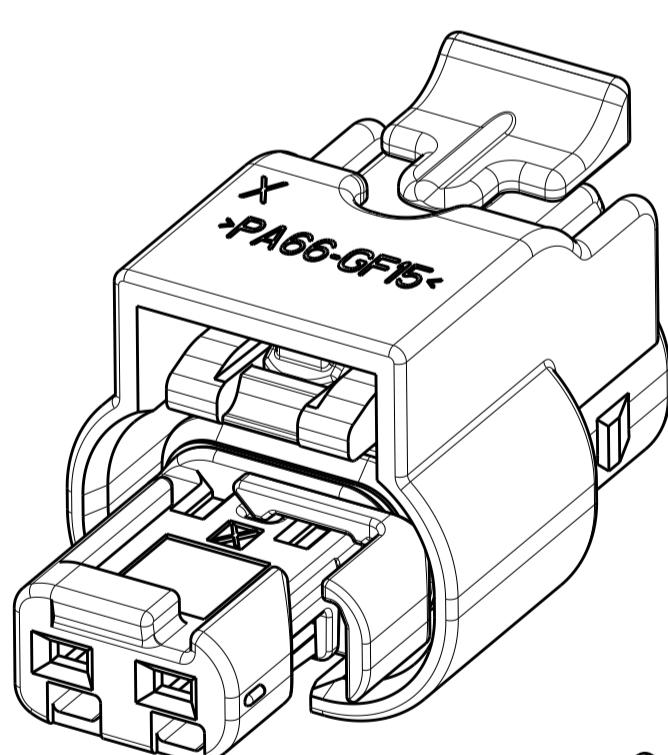
SCALE 3:1  
KEYING OPTION A



SCALE 3:1  
KEYING OPTION B



SCALE 3:1  
KEYING OPTION C

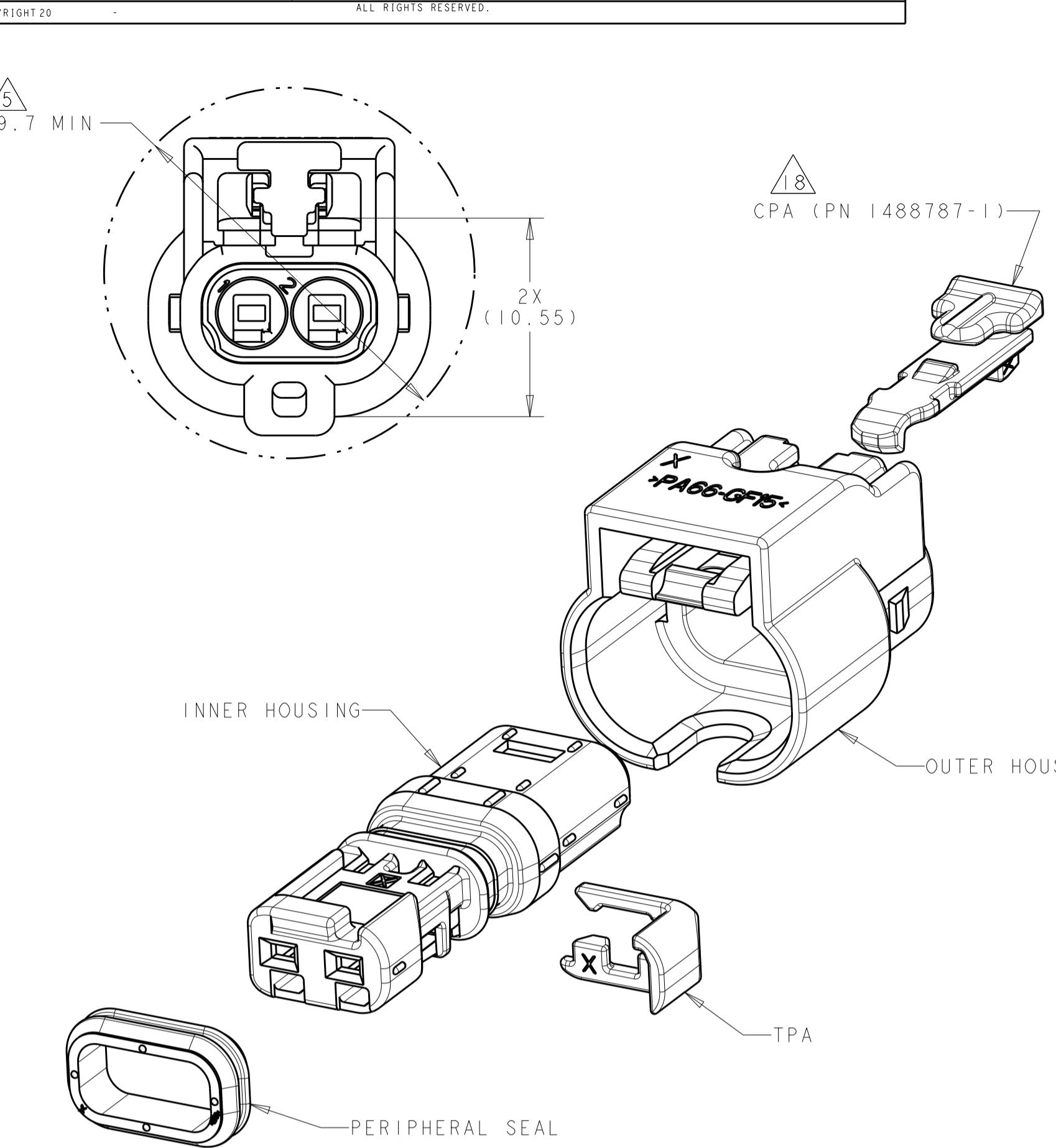


ISOMETRIC VIEWS  
I-1924067-9

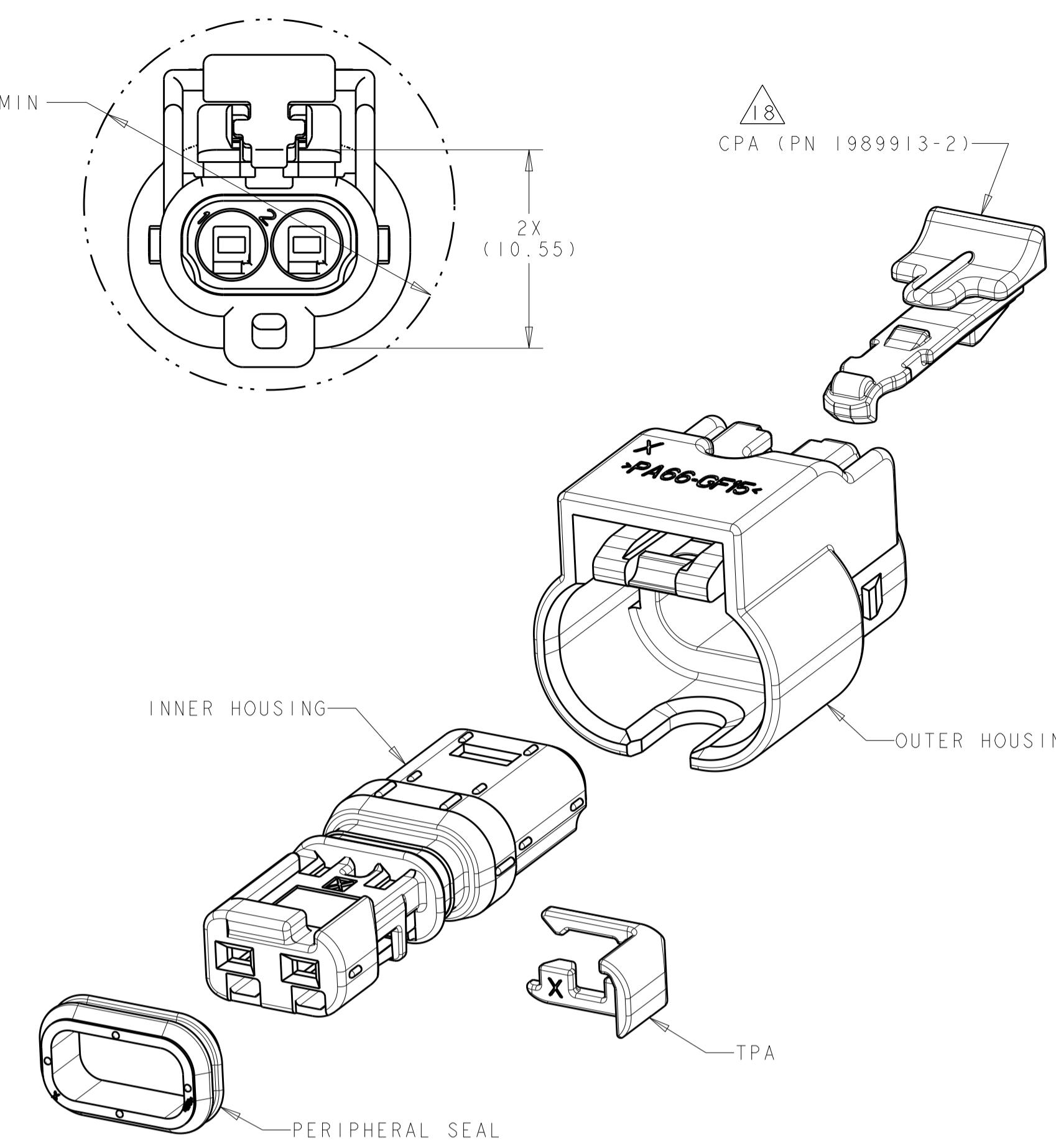
TE MCON 1.2-CB (CLEAN BODY)								
PART NUMBER	PLATING	WIRE STRIP LENGTH	AWG	INSL. RANGE	W.C.H.	W.C.W.	I.C.D.	WIRE SEAL PART NUMBER
1670146-3	SILVER	3.6 $\pm 0.3$	20	1.4 TO 1.9	0.84 $\pm 0.03$	1.57 $\pm 0.05$	3.25 $\pm 0.05$	967067-1
1670146-2	GOLD			18	1.11 $\pm 0.05$			
1670146-1	TIN			16	1.31 $\pm 0.05$			
1418850-3	SILVER			1.9	1.11 $\pm 0.05$			
1418850-2	GOLD	3.6 $\pm 0.3$	2.4	18	1.31 $\pm 0.05$	1.78 $\pm 0.05$	3.35 $\pm 0.05$	964972-1
1418850-1	TIN			16	1.31 $\pm 0.05$			

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

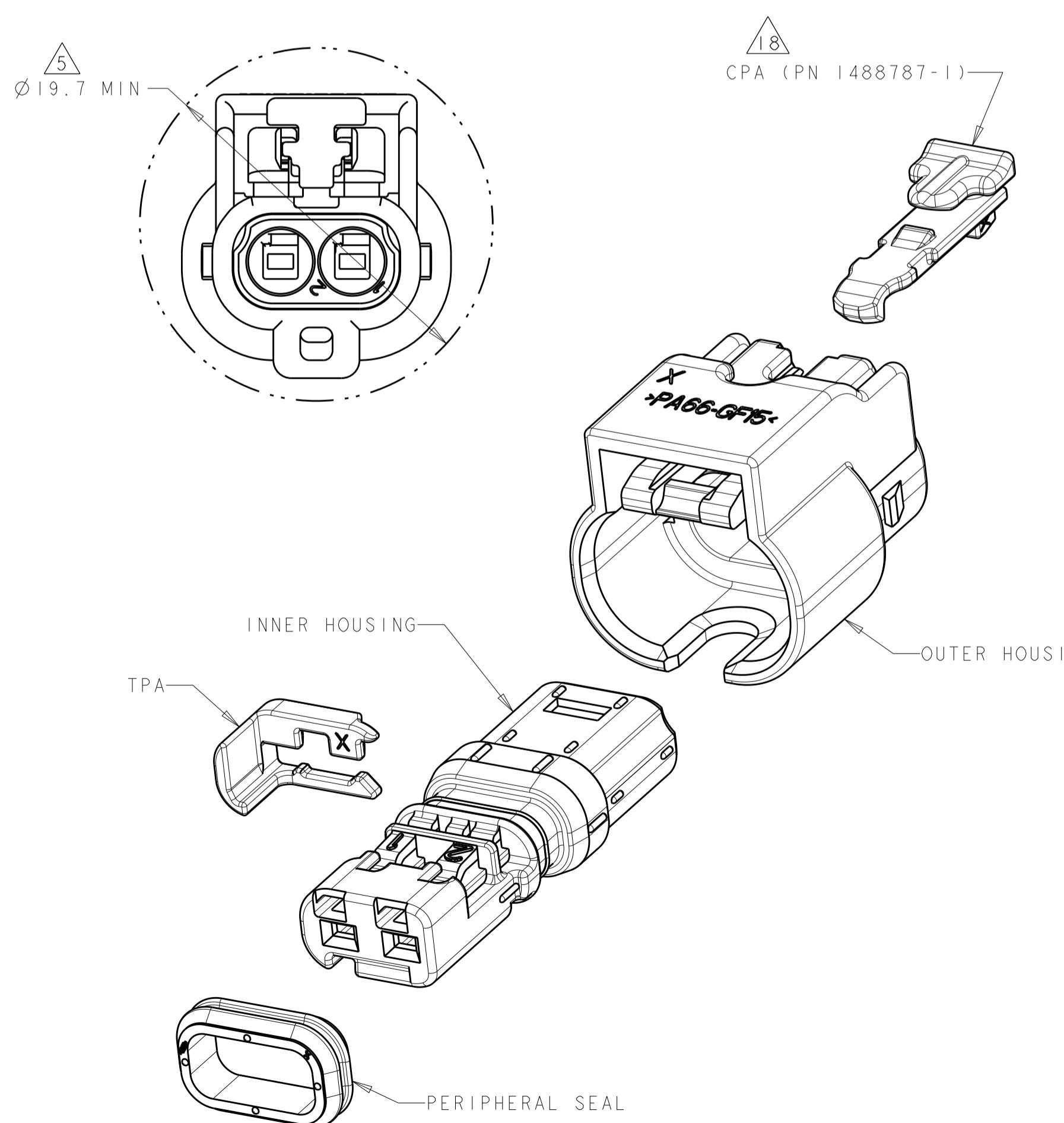
THIS DRAWING IS A CONTROLLED DOCUMENT.		DN: M. FORSKA 25SEP2006	APV: G. MARTIN 25SEP2006	NAME: TE Connectivity
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		CONNECTOR ASSEMBLY, FEMALE, 2 POSITION SEALED, 1.2mm STANDARD LATCH VERSION
0 PLC	$\pm 0.3$	1 PLC	$\pm 0.10$	SIZE: CAGE CODE: DRAWING NO: A100779C=1924067
1 PLC	$\pm 0.3$	2 PLC	$\pm 0.10$	RESTRICTED TO: -
3 PLC	$\pm 0.3$	4 PLC	$\pm 0.10$	CUSTOMER DRAWING: -
MATERIAL: -	FINISH: -	SEE TABLE	WEIGHT: 2.07g	SCALE: 4:1 SHEET 1 OF 2 REV: B6



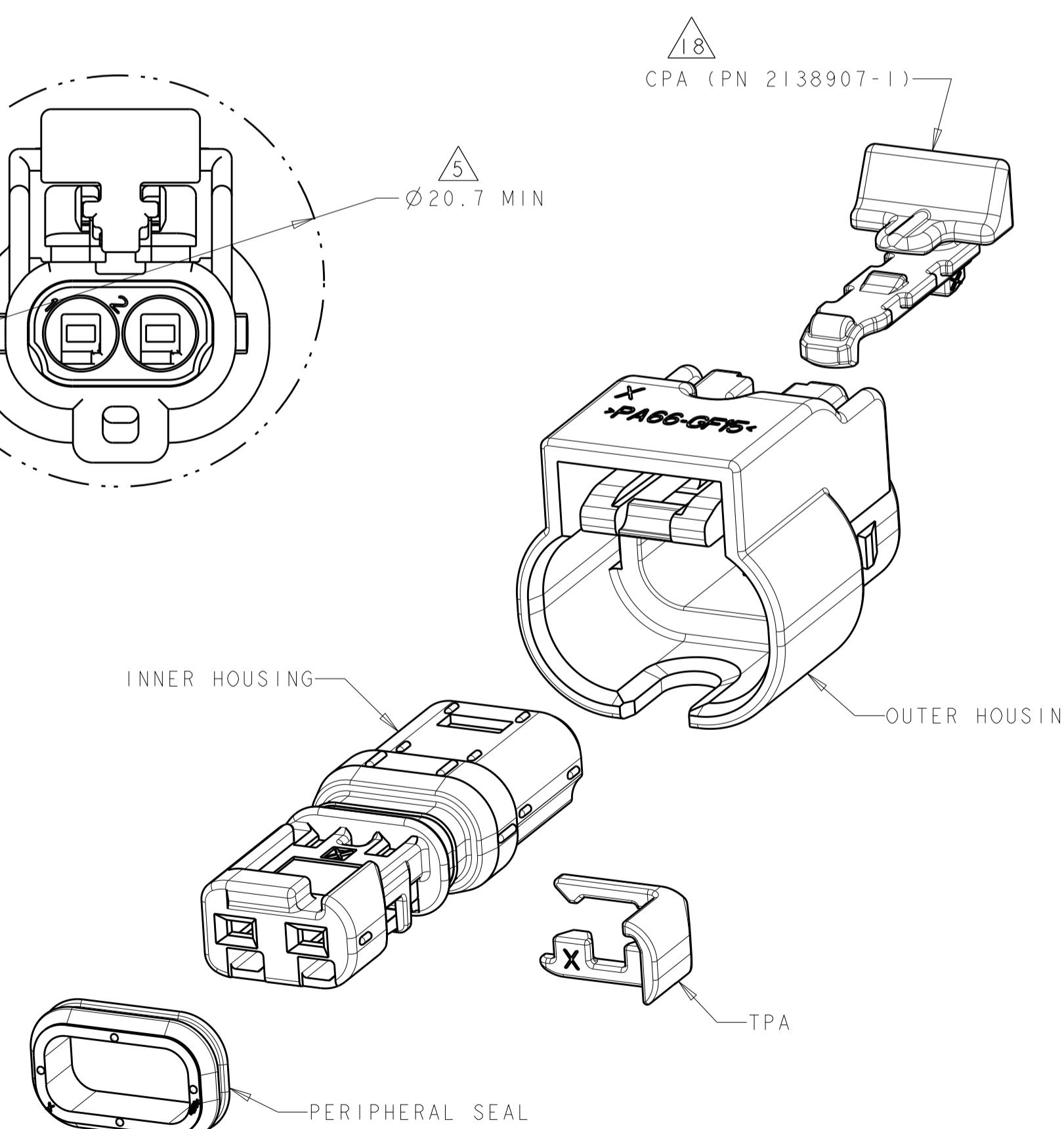
1-1924067-4  
EXPLODED ISOMETRIC VIEW



1-1924067-9  
EXPLODED ISOMETRIC VIEW



1-1924067-8  
EXPLODED ISOMETRIC VIEW



4-1924067-1  
EXPLODED ISOMETRIC VIEW

REVISIONS			
P	LTR	DESCRIPTION	DATE
-	-	SEE SHEET 1	-

THIS DRAWING IS A CONTROLLED DOCUMENT.	DN: M. FORSKA 25SEP2006	NAME: TE Connectivity
DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	
mm	0 PLC ±0.3	APV: G. MARTIN 25SEP2006
	1 PLC ±0.3	PRODUCT SPEC
	2 PLC ±0.10	APPLICATION SPEC
	3 PLC ±0.10	
	4 PLC ±0.10	
MATERIAL:	ANGLES: ±1°	
	FINISH:	
SEE TABLE		
		SIZE: CAGE CODE: DRAWING NO: A100779C=1924067
		WEIGHT: 2.07g
		RESTRICTED TO: -
		CUSTOMER DRAWING
		SCALE: 4:1 SHEET: 2 OF 2 REV: B6