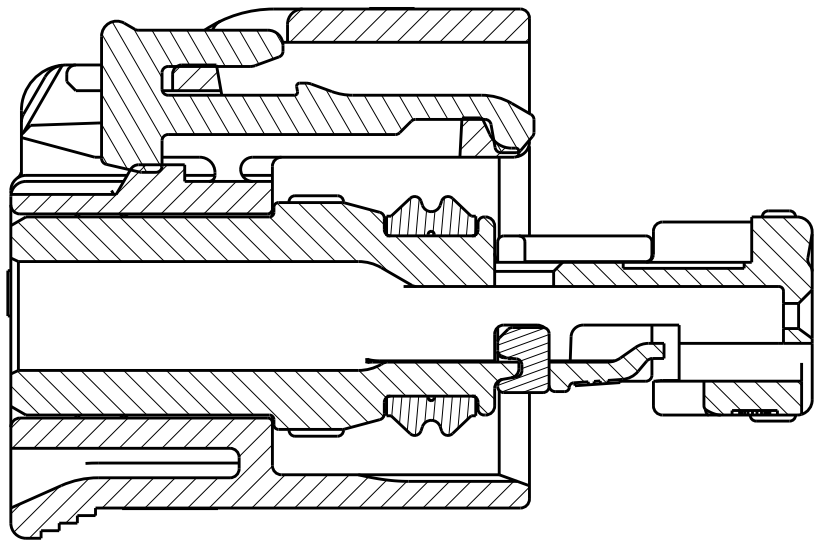
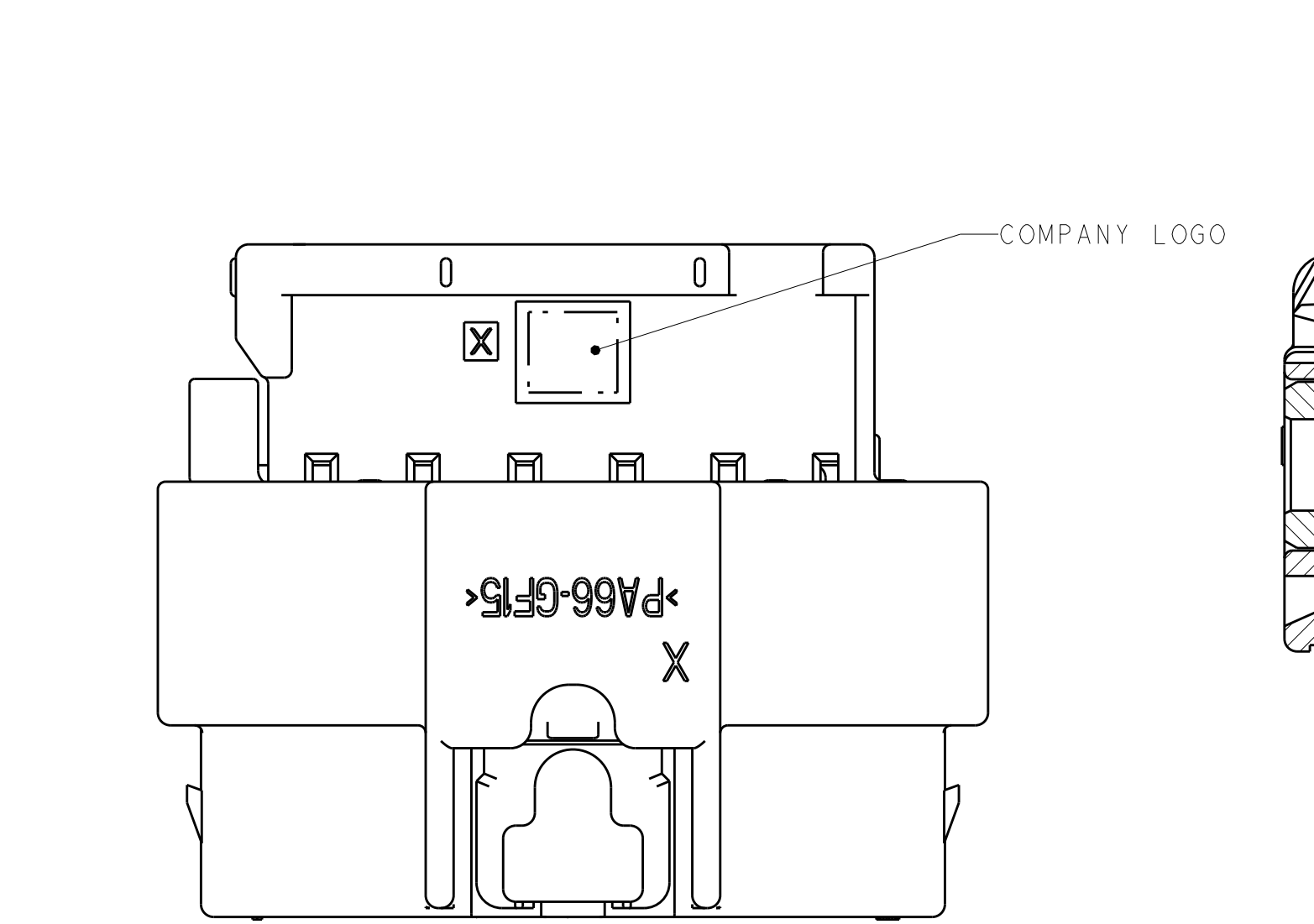
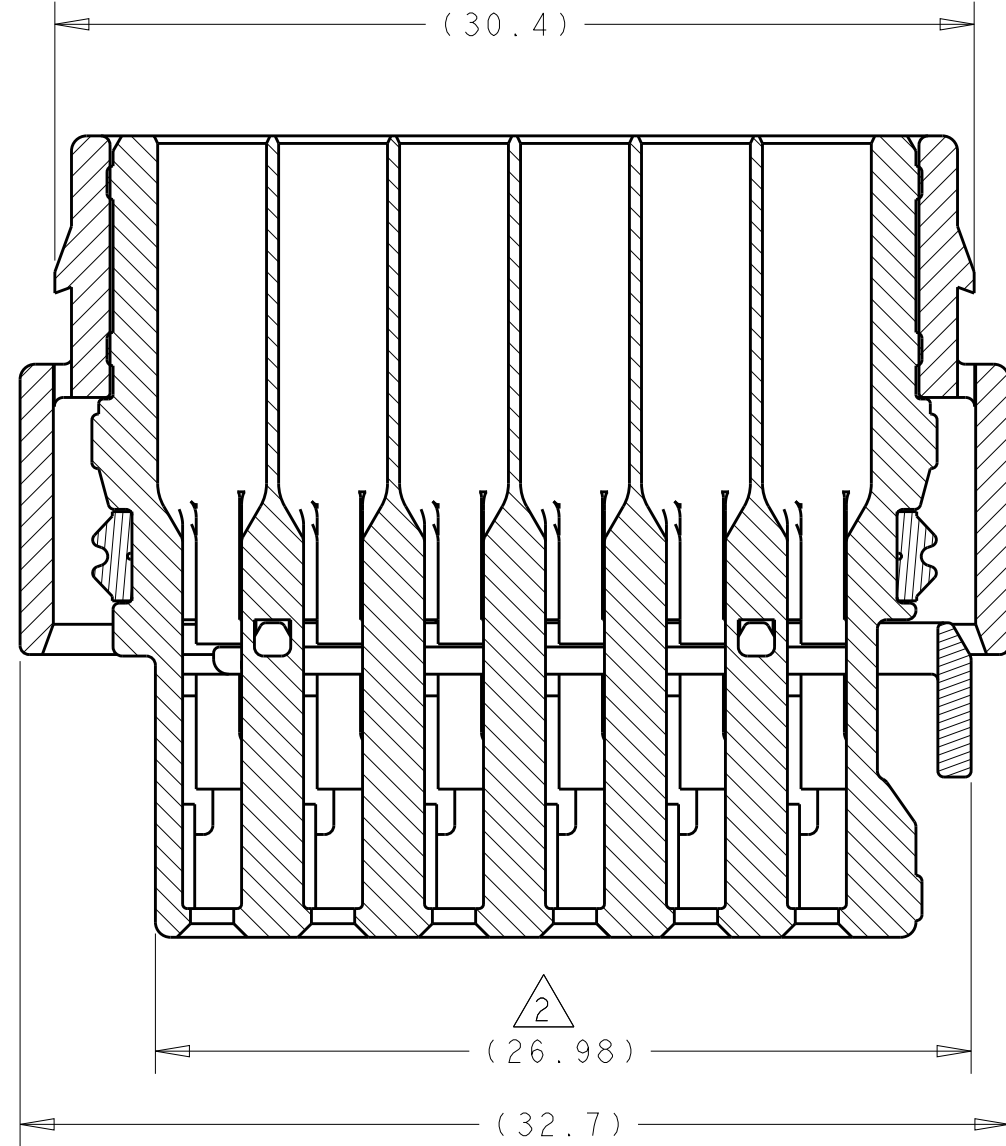
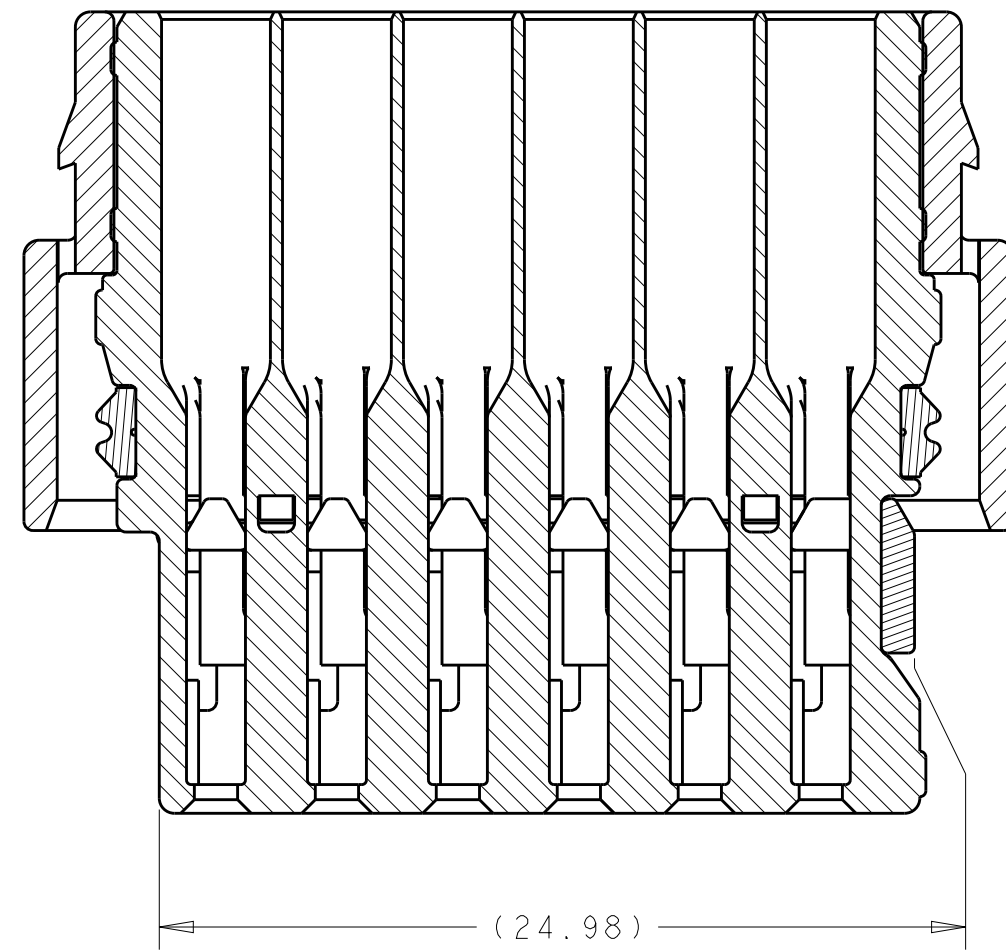




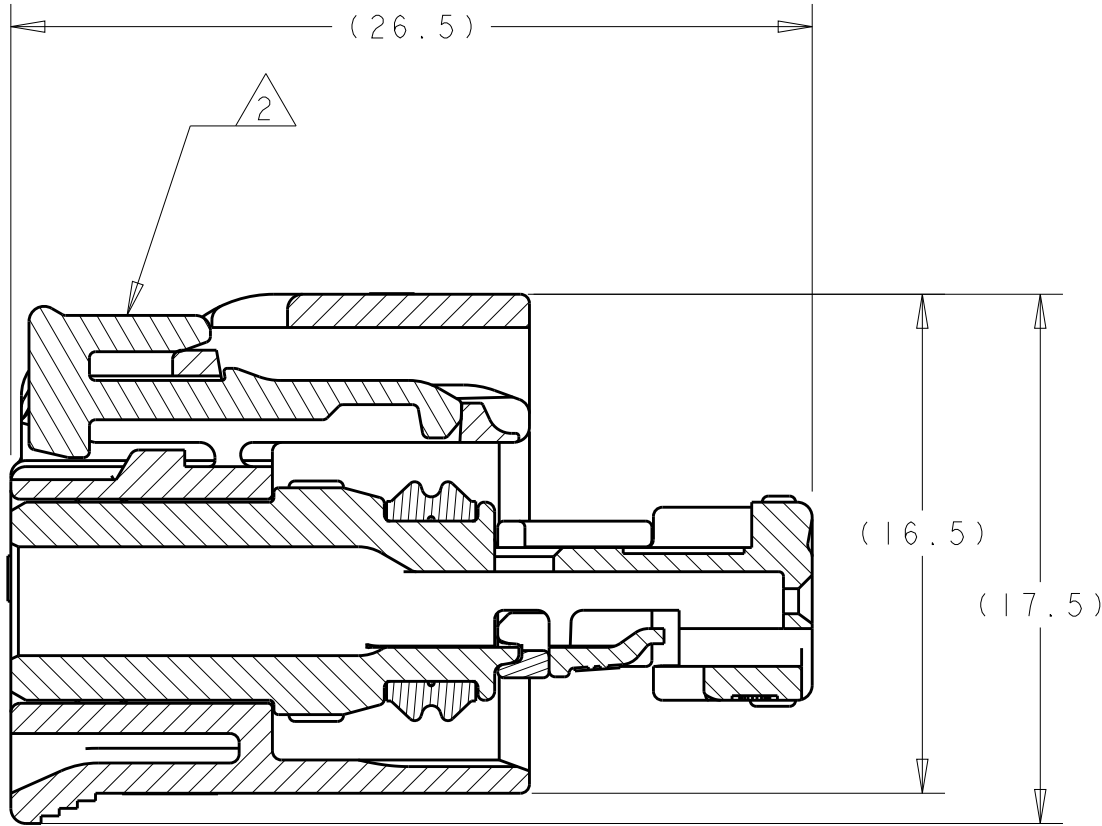
SECTION B-B
SHOWN WITH CPA (WHEN APPLICABLE)
IN IT'S LATCHED POSITION
FOR REFERENCE ONLY



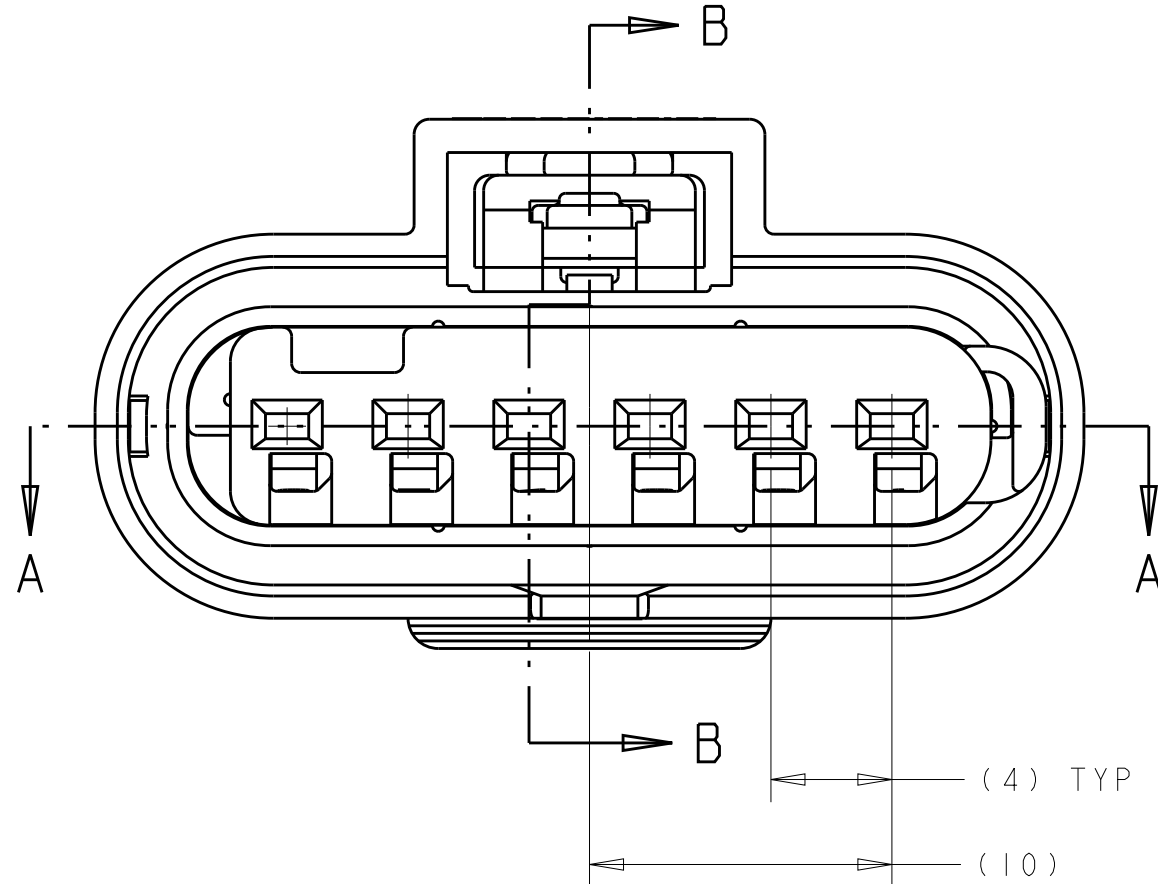
SECTION A-A



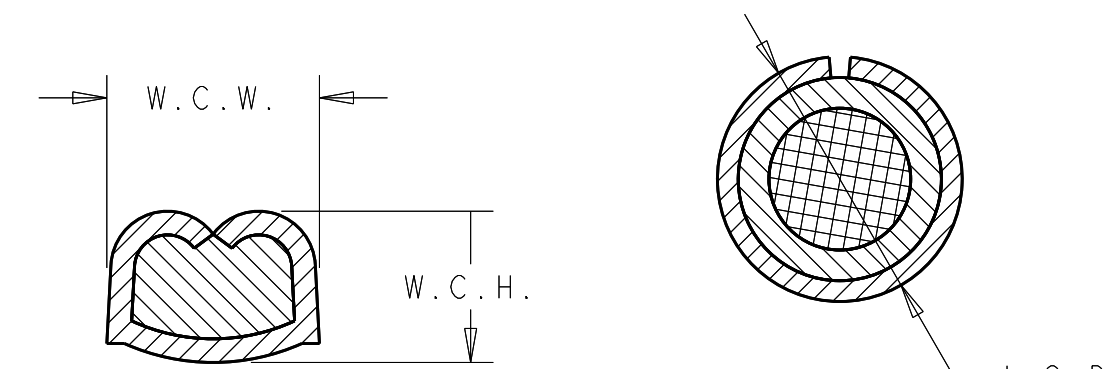
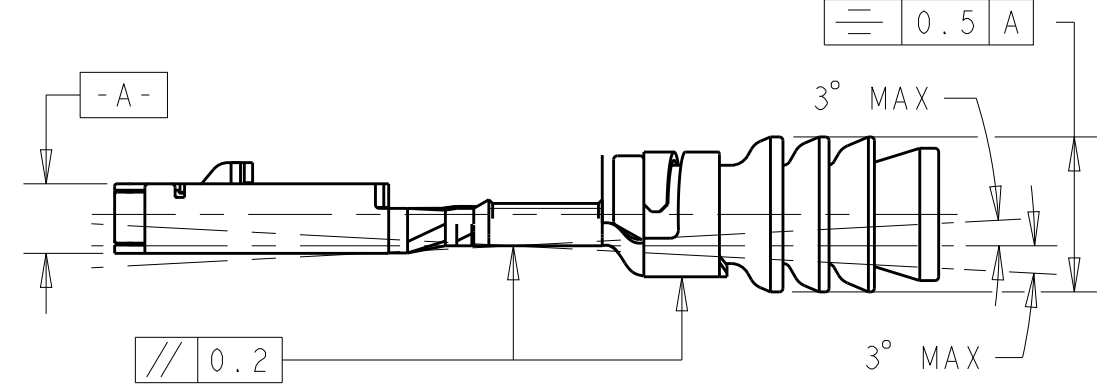
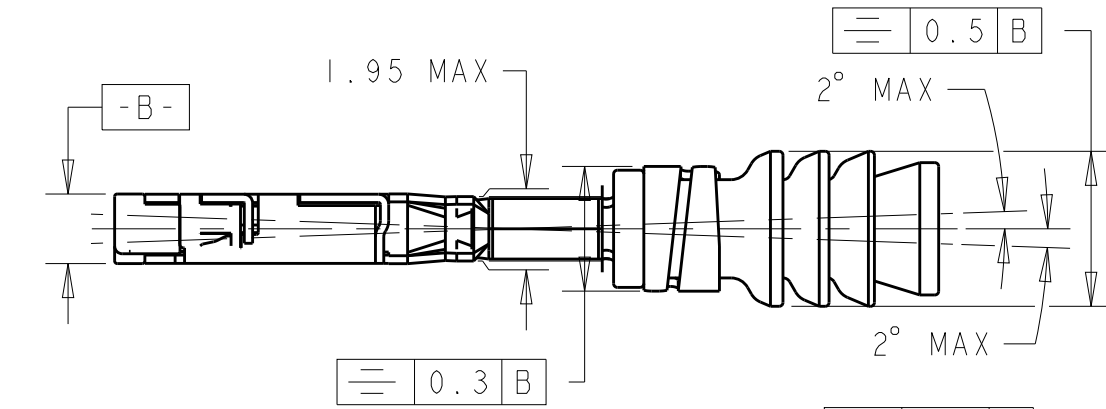
SECTION A-A
SHOWN WITH TPA
IN IT'S LATCHED POSITION
FOR REFERENCE ONLY



SECTION B-B

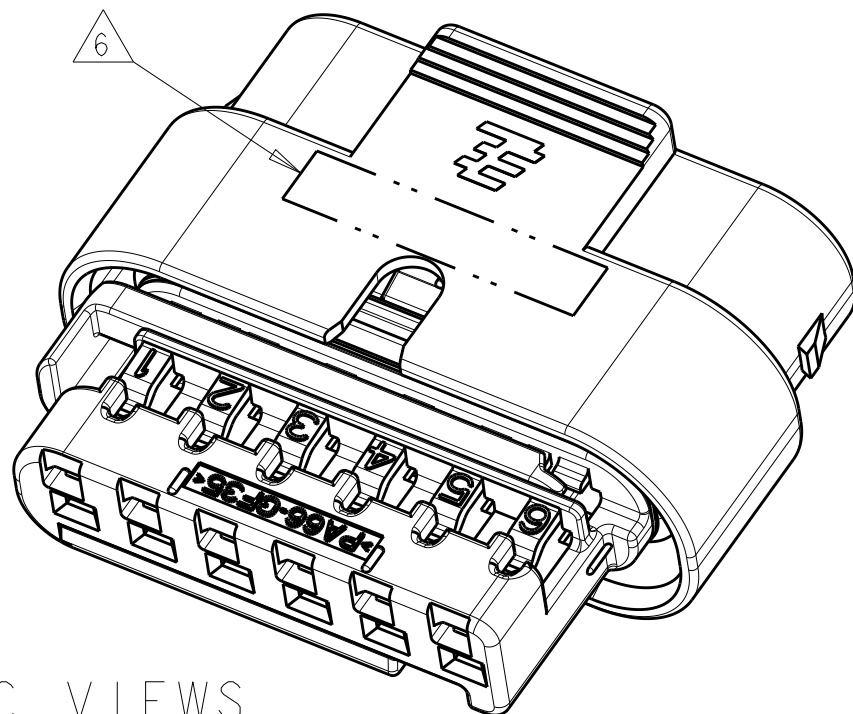
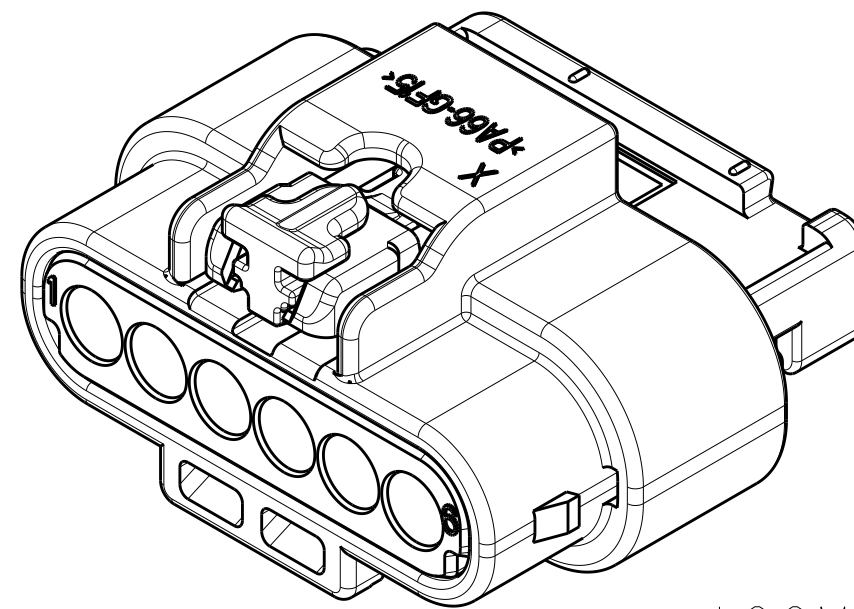


REVISIONS				
P	LTR	DESCRIPTION	DATE	DWN APVD
B1		REVISED PER ECO-12-011352	20JUN2012	DLD SLM
B2		REVISED PER ECO-14-014610	26SEP2014	DLD SLM



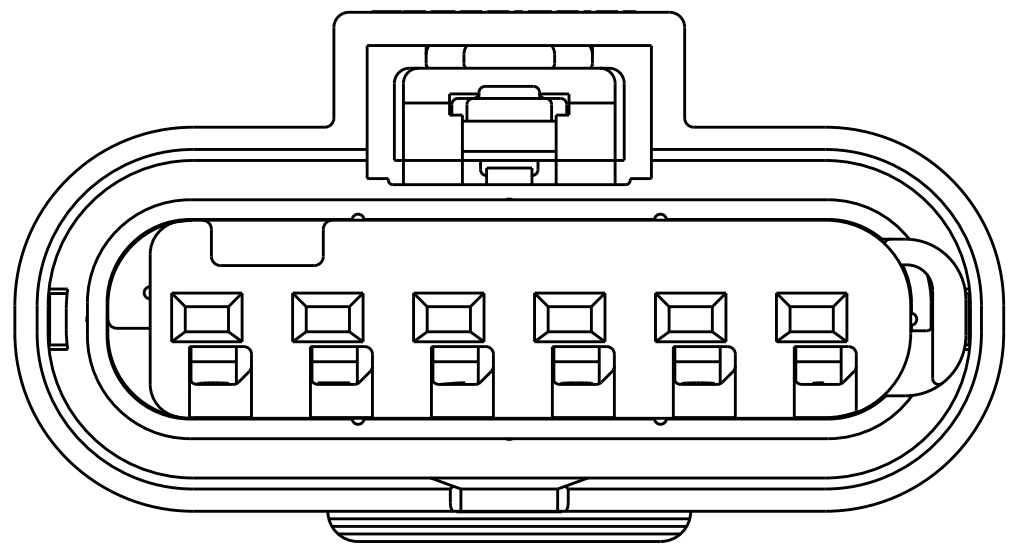
WIRE CRIMP DIMENSIONS INSULATION CRIMP DIMENSIONS

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

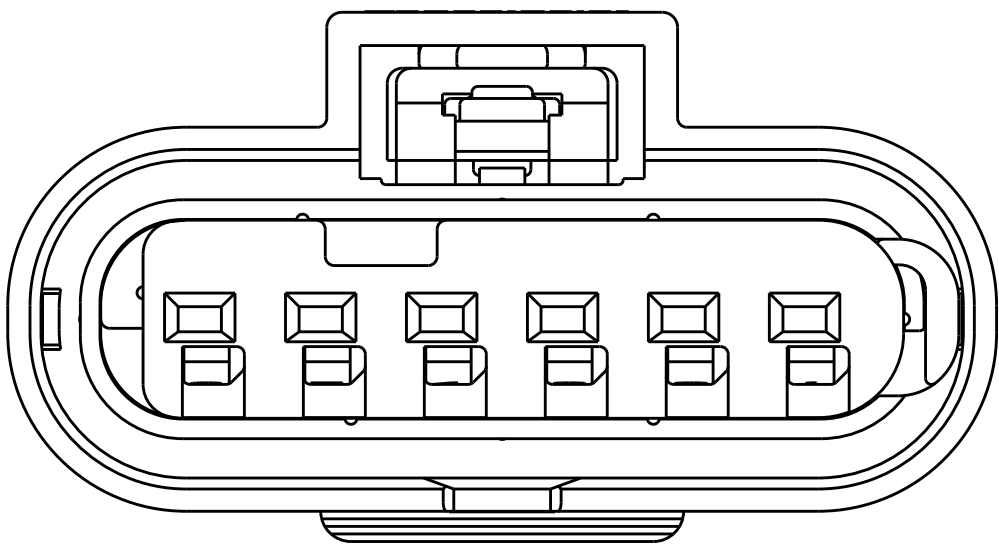


ISOMETRIC VIEWS
SCALE 3:1

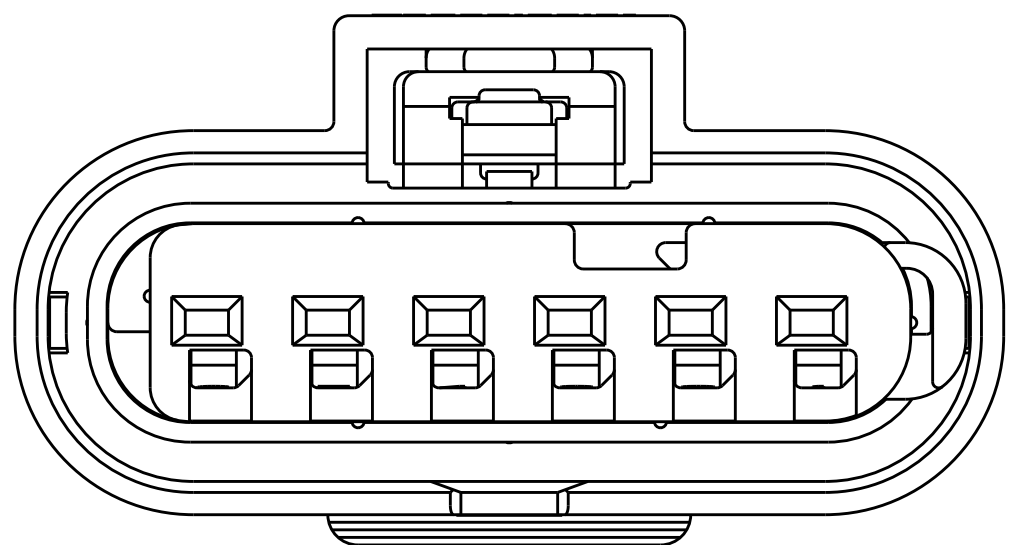
KEYING CONFIGURATIONS



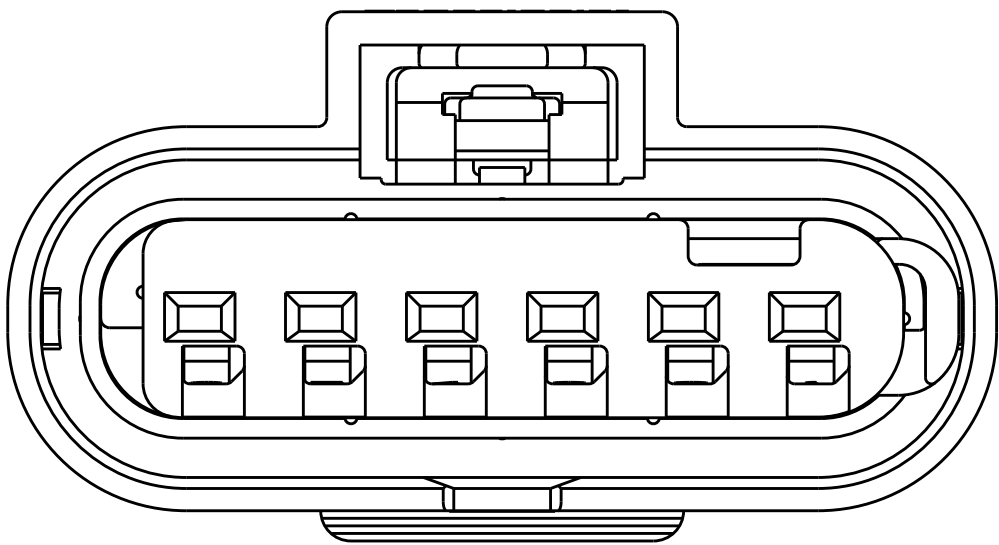
KEYING OPTION A



KEYING OPTION B



KEYING OPTION C



KEYING OPTION D

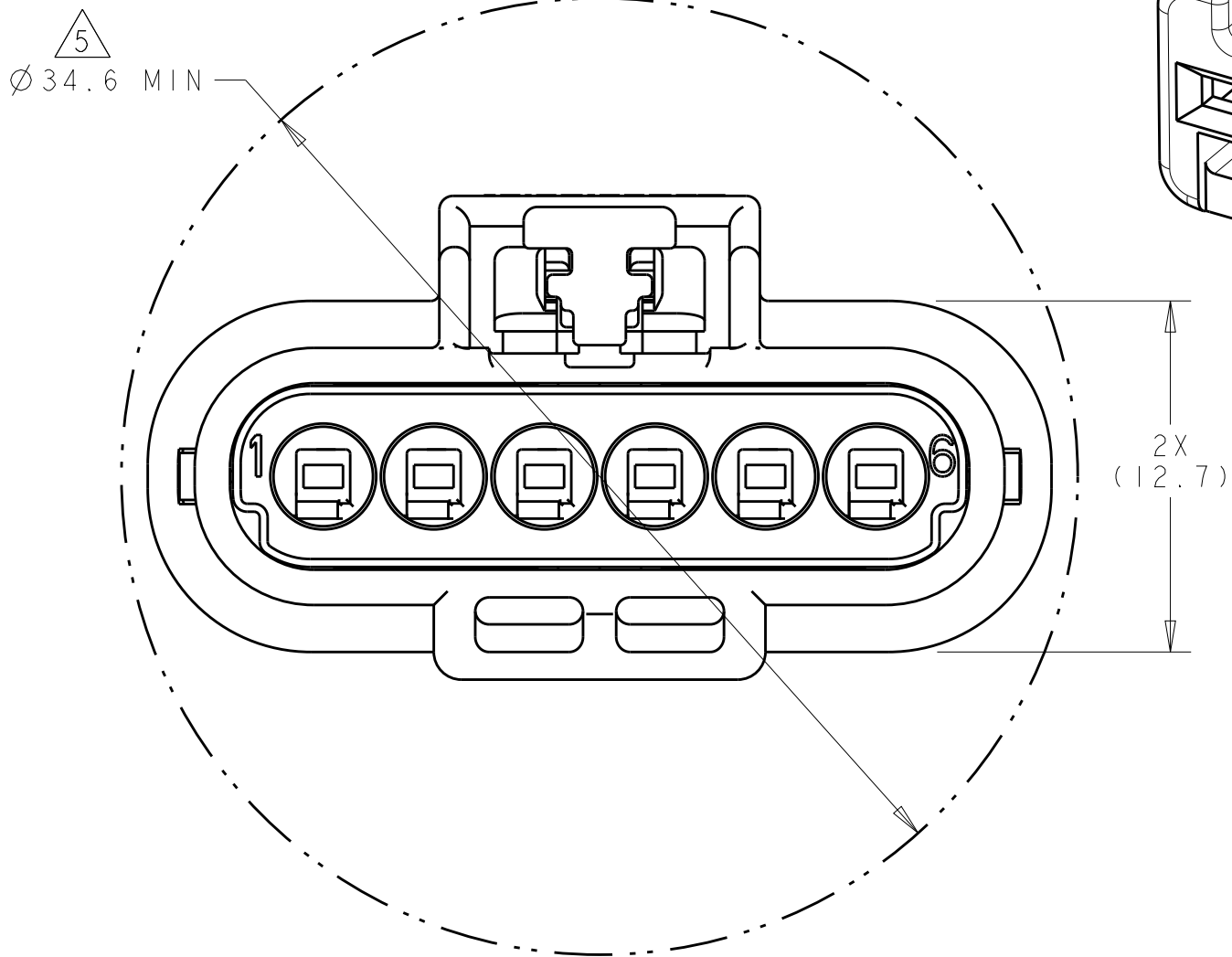
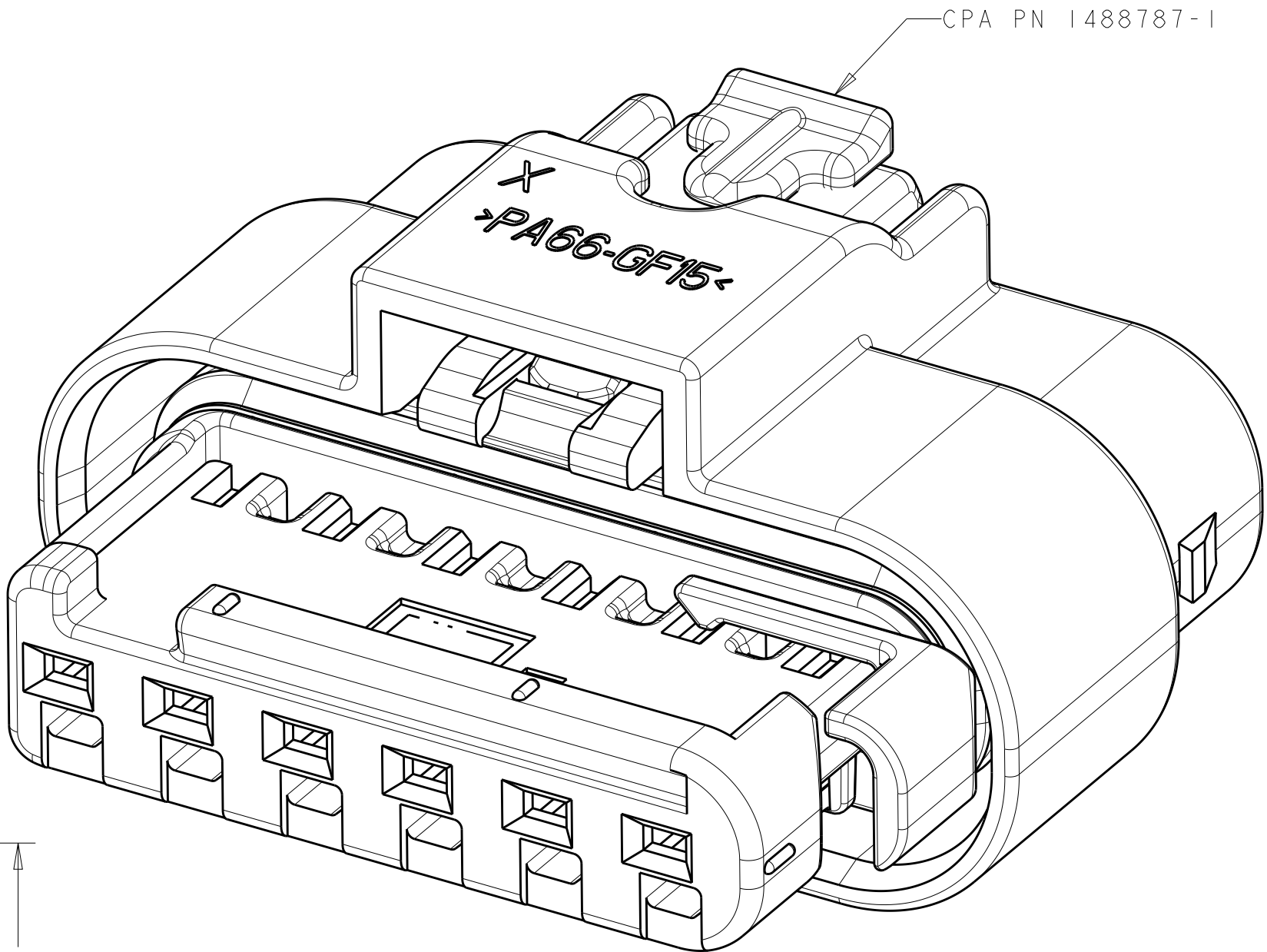
- PART NUMBER 1924292-5 SHOWN ON DRAWING.
- TPA AND CPA (WHEN APPLICABLE) ARE SHIPPED IN THEIR PRE-LATCHED POSITIONS. SEE INSTRUCTION SHEET 408-8968 FOR DIRECTIONS ON MOVING THE CPA AND TPA TO THE PRE-LATCHED POSITION, IF NECESSARY.
- TERMINALS SOLD SEPARATELY. FOR USE WITH TE MCON 1.2mm CLEAN BODY CONTACT 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 TYCO ELECTRONICS SALES REPRESENTATIVE OR CUSTOMER SERVICE.
- MINIMUM FEED THROUGH CONDITION WITH 1.0mm CLEARANCE ALL AROUND.
- TRACEABILITY CODE (YY = TWO DIGIT YEAR, JJJ = 3 DIGIT JULIAN DAY, S = 1 DIGIT SHIFT) AND TYCO ELECTRONICS ASSEMBLY PART NUMBER PRINTED IN THIS LOCATION AT ASSEMBLY.
- FOR OPTIONAL TERMINAL CAVITY BLOCKING, USE TE BLIND PLUG PART NUMBER: 967056-1.
- VALIDATED UP TO USCAR TEMPERATURE CLASS III.
- TPA ENGAGE FORCE: PRESET TO FULL ≥ 3 N AND ≤ 60 N.
- TPA DISENGAGE FORCE: DISENGAGE FROM FULL TO PRESET ≥ 6 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 > 150 N.
WRONG KEYING NO MATING > 150 N.
- SEE INSTRUCTION SHEET 408-8928
- TERMINAL 1670146-X REPLACES 1418847-X
- REFERENCE ISOMETRIC VIEWS ON SHEET 2.

RELEASED	2138907-1	GRAY	D	4-1924292-4
RELEASED	2138907-1	BLUE	C	4-1924292-3
RELEASED	2138907-1	NATURAL	B	4-1924292-2
RELEASED	1488787-1	GRAY	D	1924292-8
	1488787-1	BLUE	C	1924292-7
	1488787-1	NATURAL	B	1924292-6
	1488787-1	BLACK	A	1924292-5
RELEASED	N/A	GRAY	D	1924292-4
	N/A	BLUE	C	1924292-3
	N/A	NATURAL	B	1924292-2
	N/A	BLACK	A	1924292-1
STATUS	CPA	16	COLOR	KEY
			INNER HOUSING	PART NUMBER

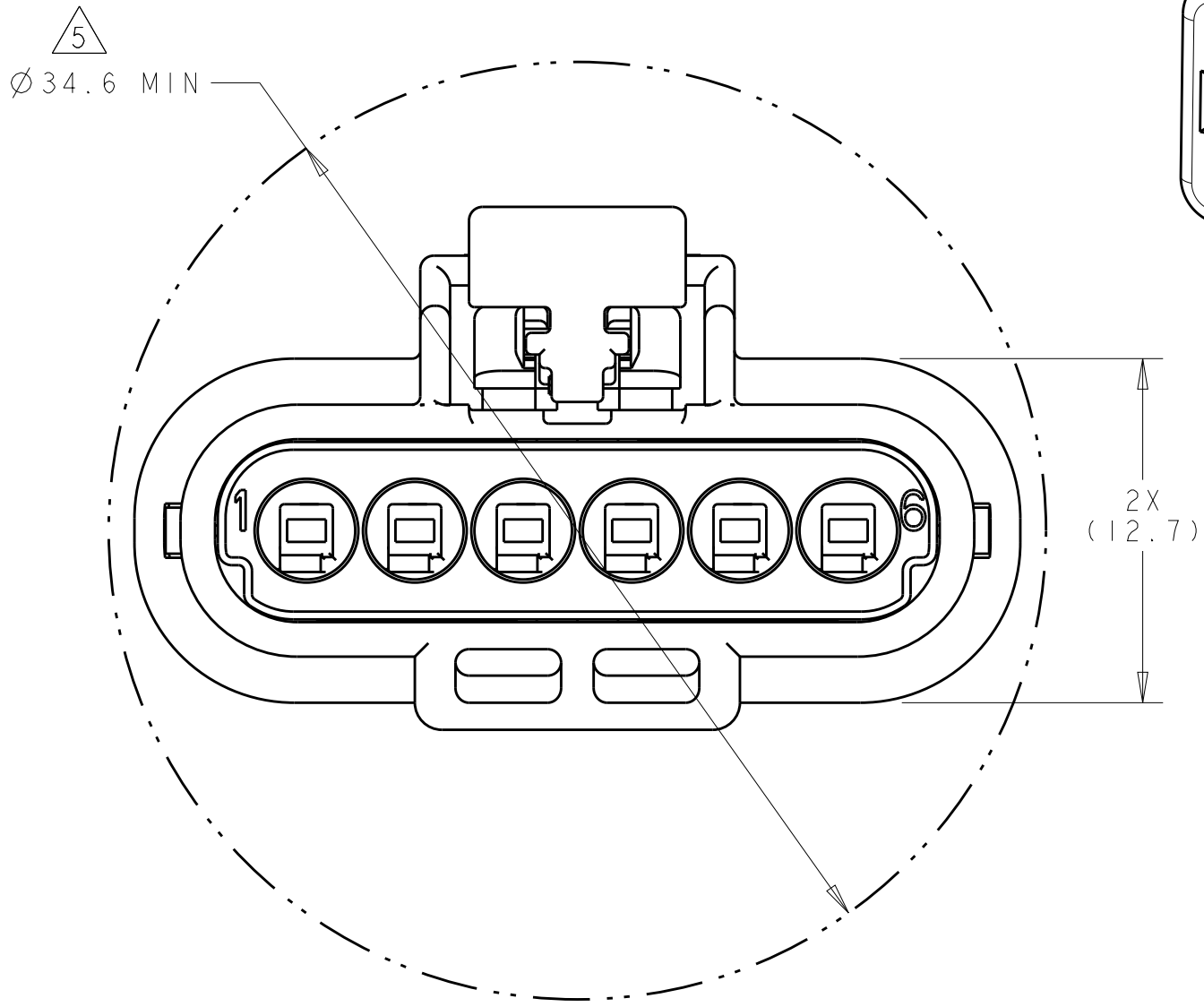
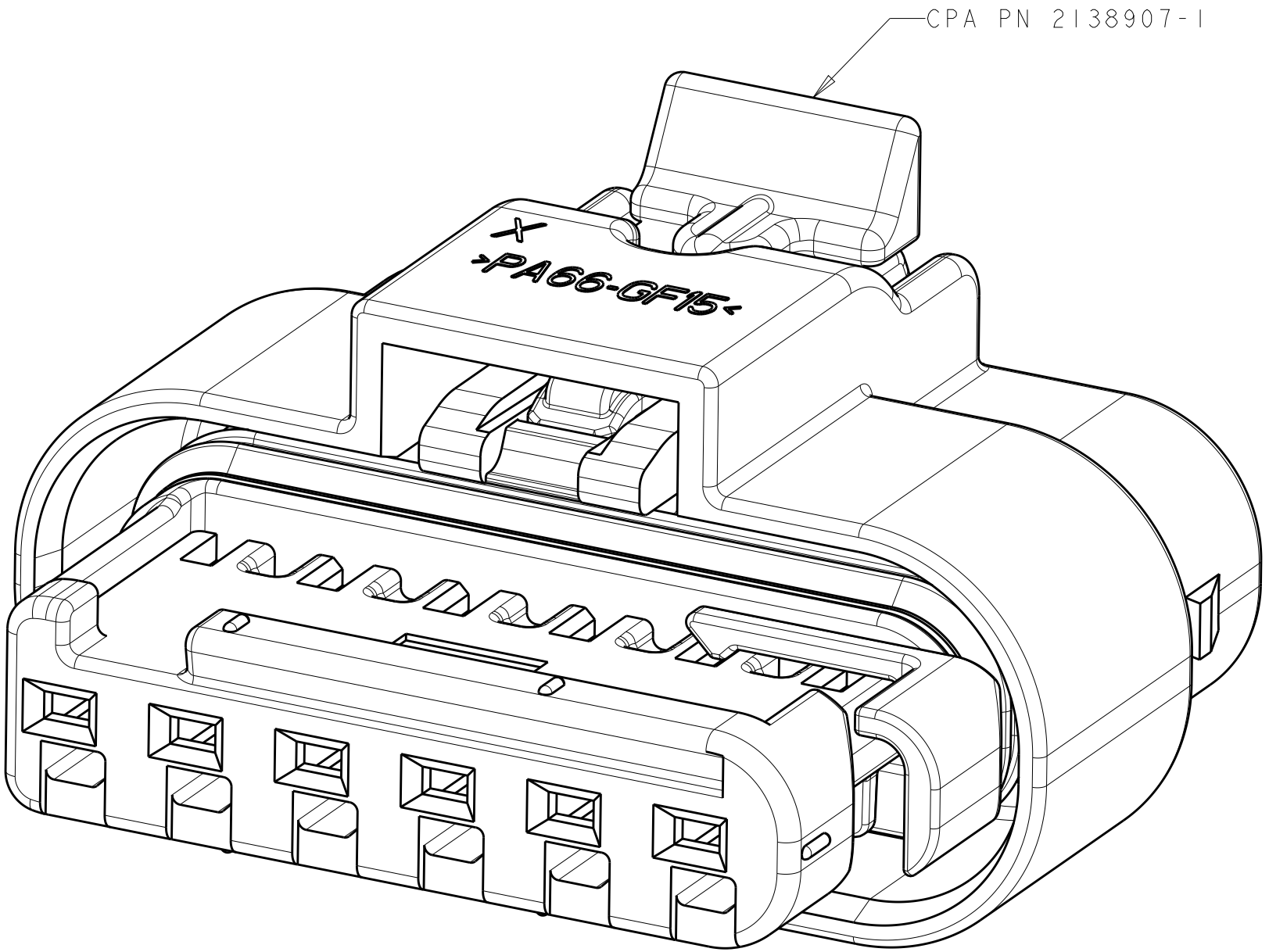
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	6 JAN 2007	TE Connectivity	
		CHK	16 JAN 2007		
		APVD	16 JAN 2007		
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
mm		0 PLC ±.3		PRODUCT SPEC	
		1 PLC ±0.10		APPLICATION SPEC	
		2 PLC ±.1		SEE NOTES	
		3 PLC ±.1		SIZE	
		4 PLC ±.1		CAGE CODE	
MATERIAL		FINISH		DRAWING NO	
SEE TABLE				RESTRICTED TO	
				WEIGHT	
				5.53 grams	
				CUSTOMER DRAWING	
				SCALE	
				4:1	
				SHEET	
				1	
				OF	
				2	
				REV	
				B2	

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

ISOMETRIC VIEWS



P/N 1924292-5 SHOWN
SCALE 6:1



P/N 4-1924292-1 SHOWN
SCALE 6:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M. HITCHCOCK 16JAN2007	 TE Connectivity		NAME CONNECTOR ASSEMBLY, FEMALE, 6 POSITION SEALED, 1.2mm MCON	
DIMENSIONS: mm		CHK G. MARTIN 16JAN2007				
		APVD G. MARTIN 16JAN2007				
		PRODUCT SPEC				
	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.3 1 PLC ±0.3 2 PLC ±0.10 3 PLC ±. 4 PLC ±. ANGLES ±.1 FINISH	APPLICATION SPEC	SIZE CAGE CODE DRAWING NO			RESTRICTED TO
		SEE NOTES	WEIGHT 5.53 grams			
		MATERIAL	CUSTOMER DRAWING			
SEE TABLE		SCALE 4:1		SHEET 2 OF 2	REV B2	

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[1924292-2](#)