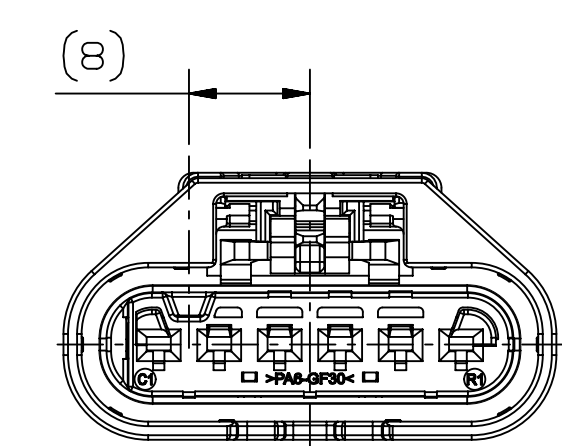
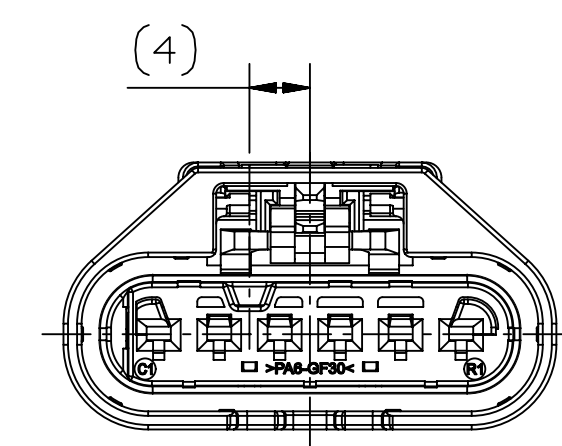
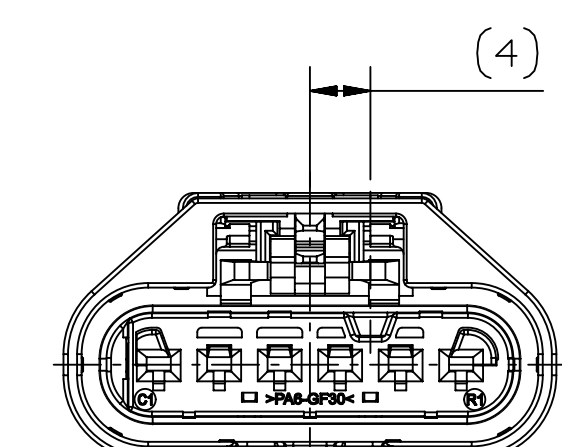




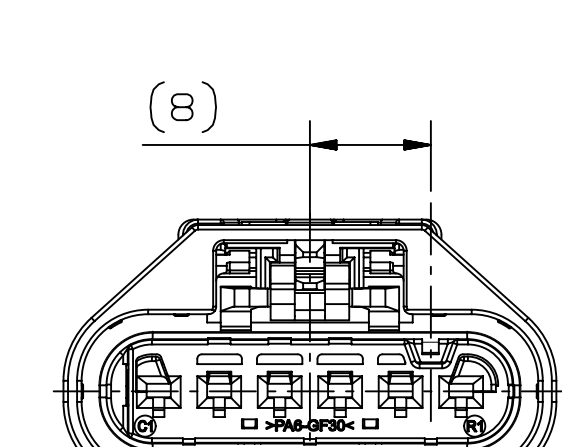
CODE A
SCALE 2:1



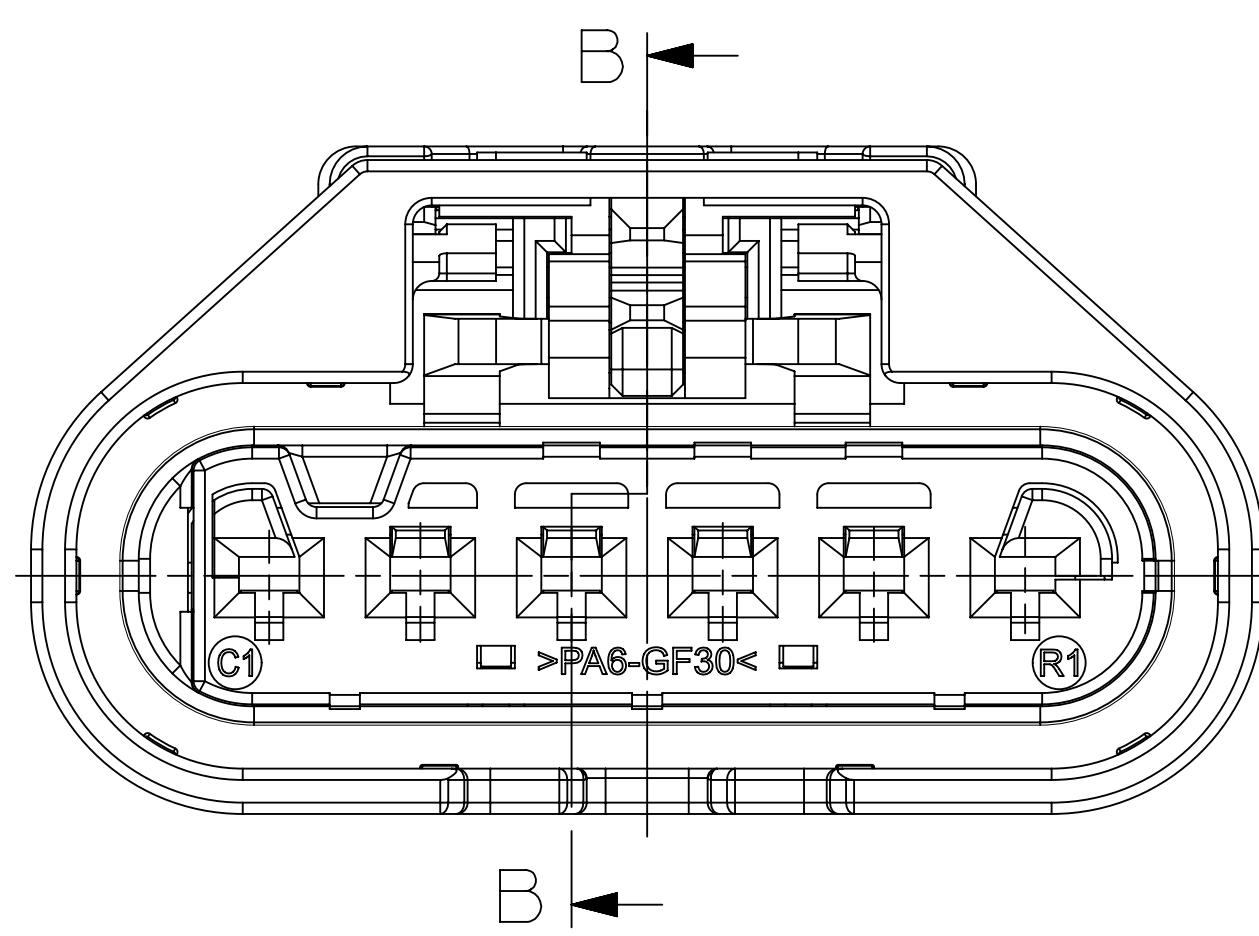
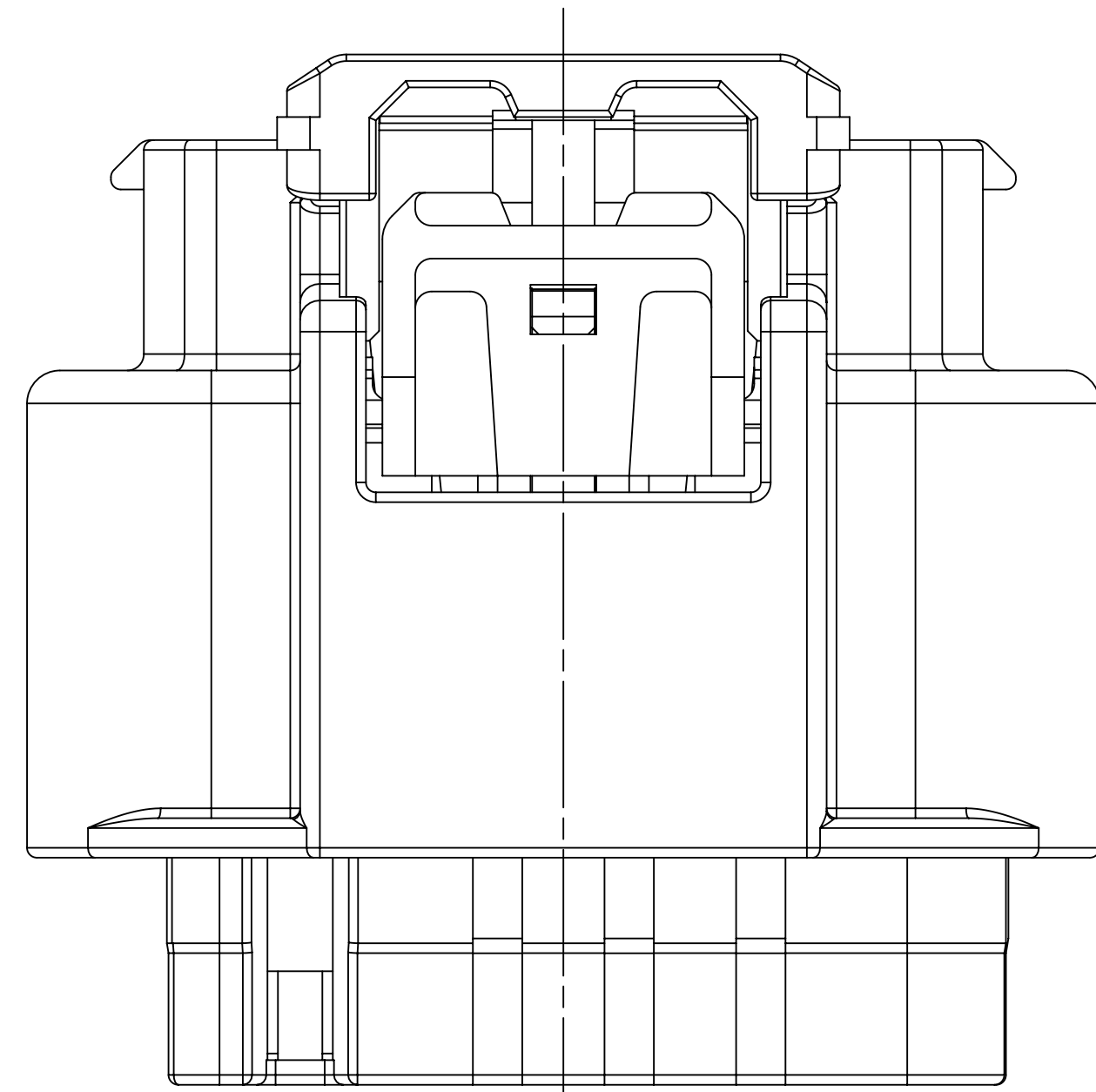
CODE B
SCALE 2:1



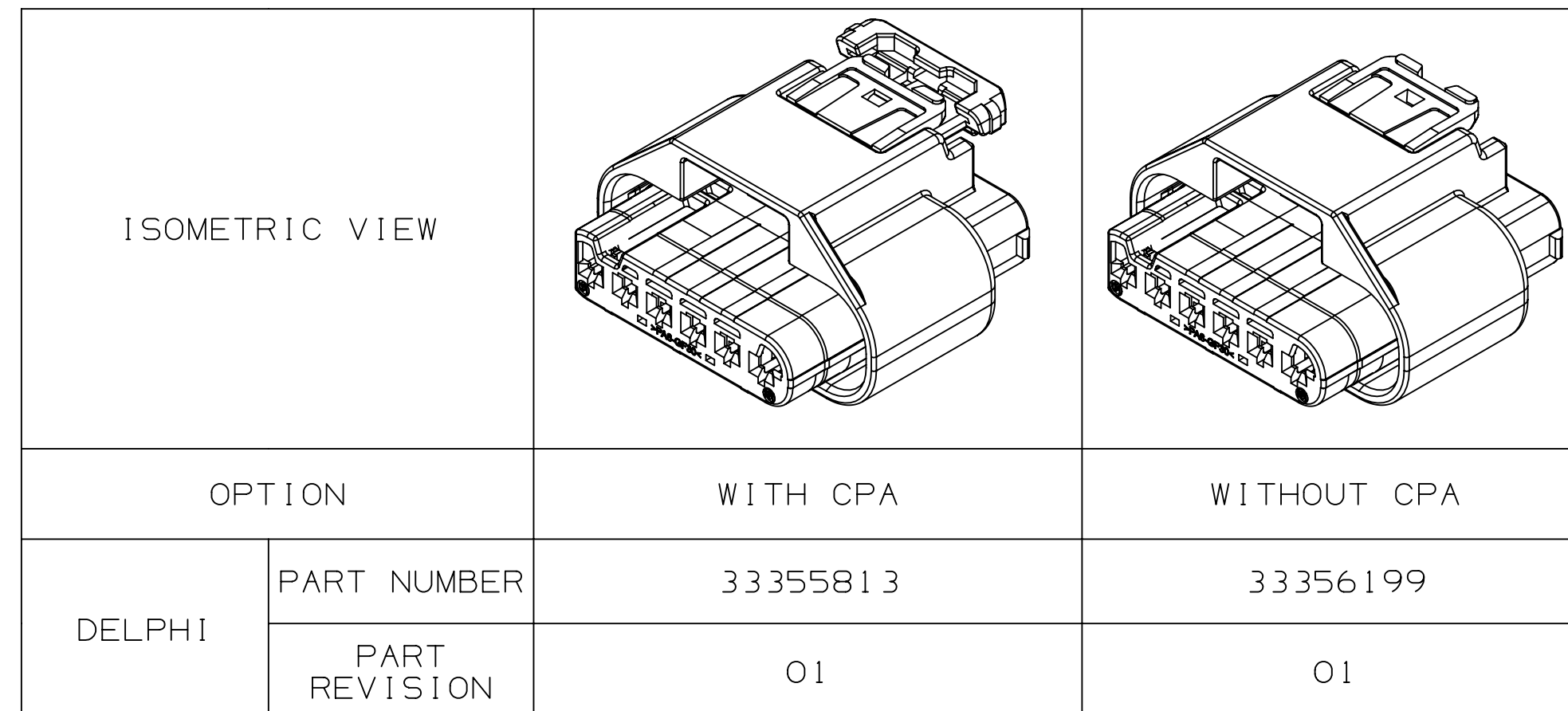
CODE C
SCALE 2:1



CODE D
SCALE 2:1



CPA & TPA IN PRE-LOCK POSITION

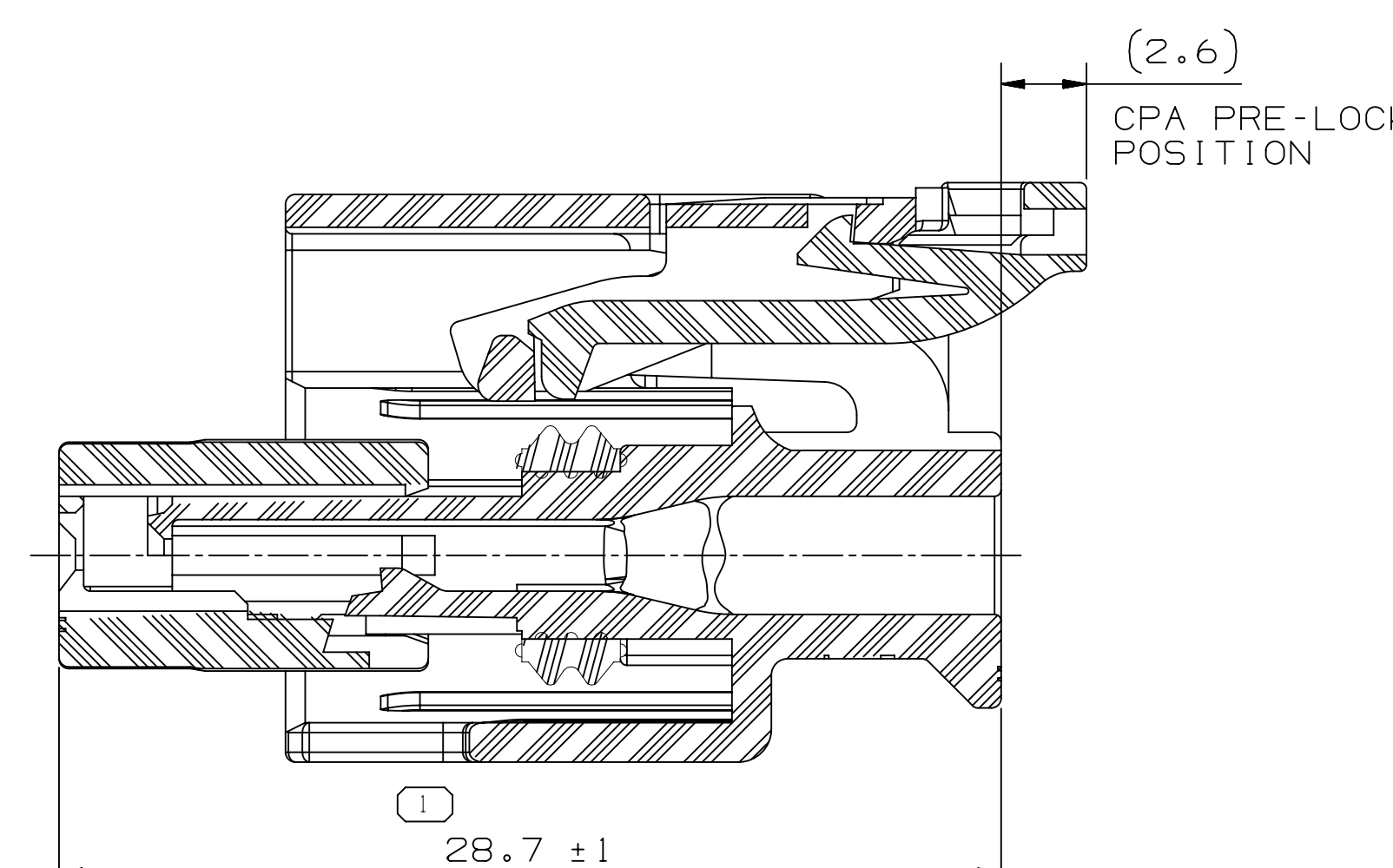


ISOMETRIC VIEW

OPTION WITH CPA WITHOUT CPA

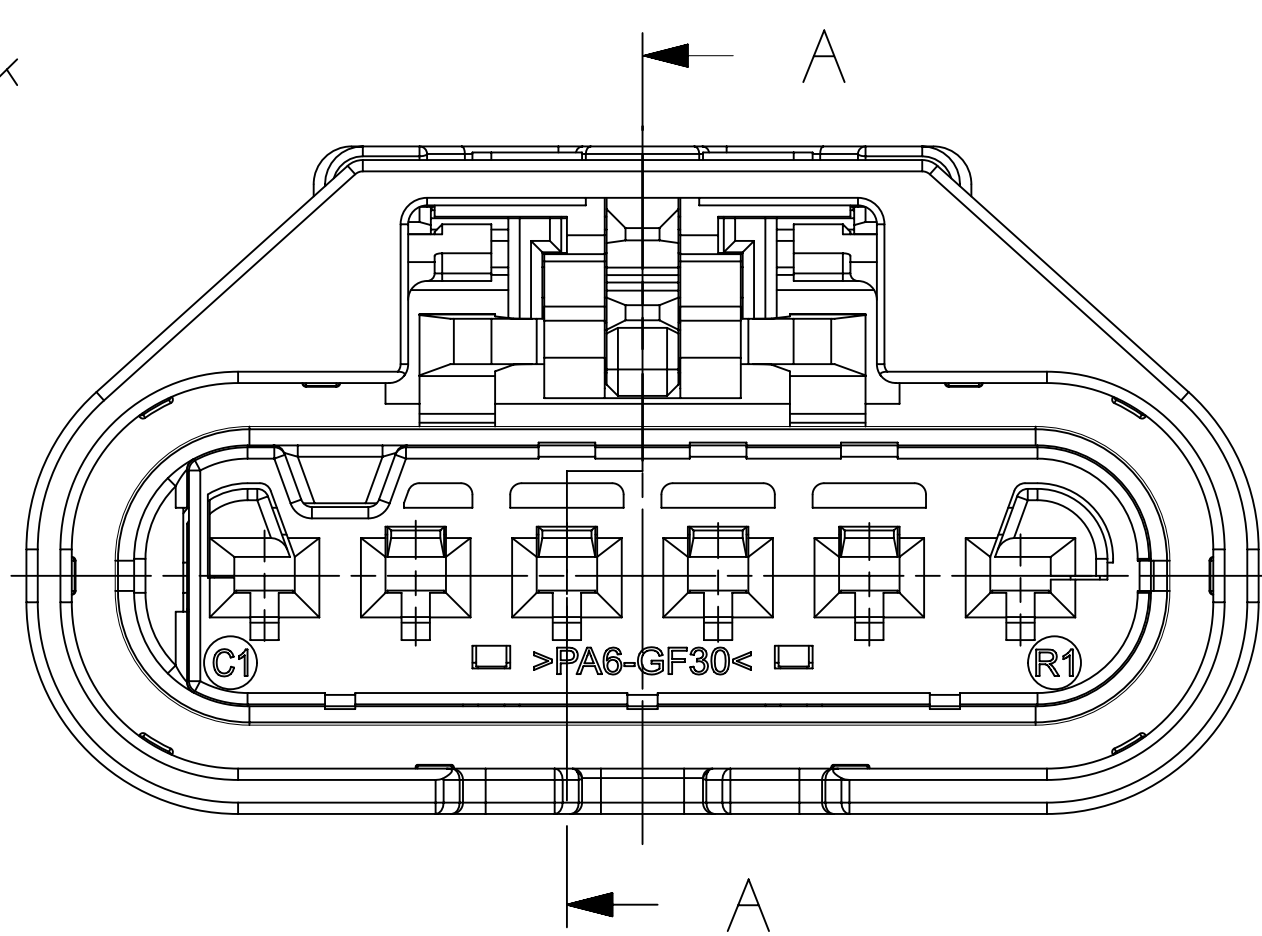
DELPHI PART NUMBER 33355813 33356199

PART REVISION 01 01

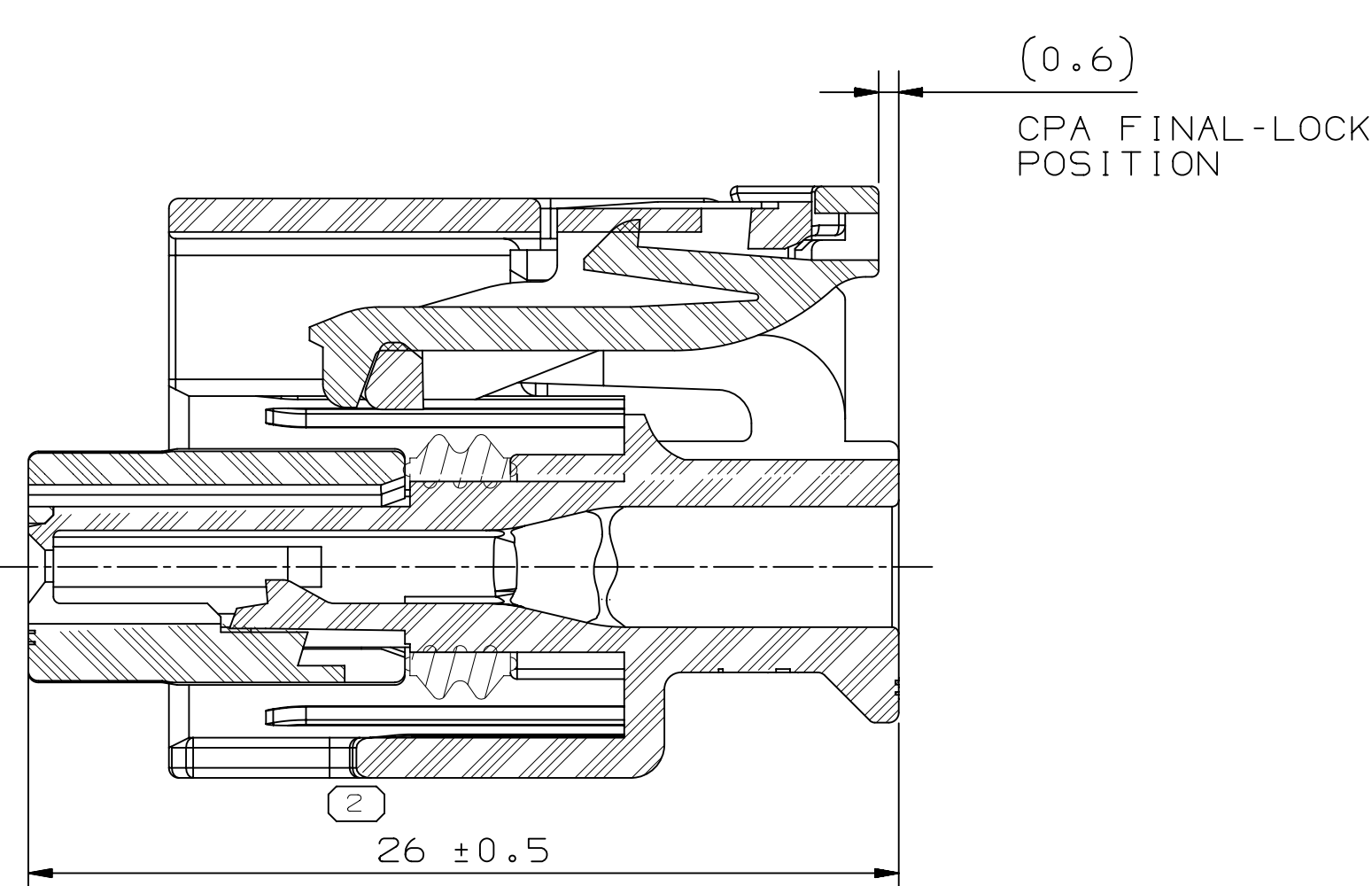


TPA PRE-LOCK POSITION

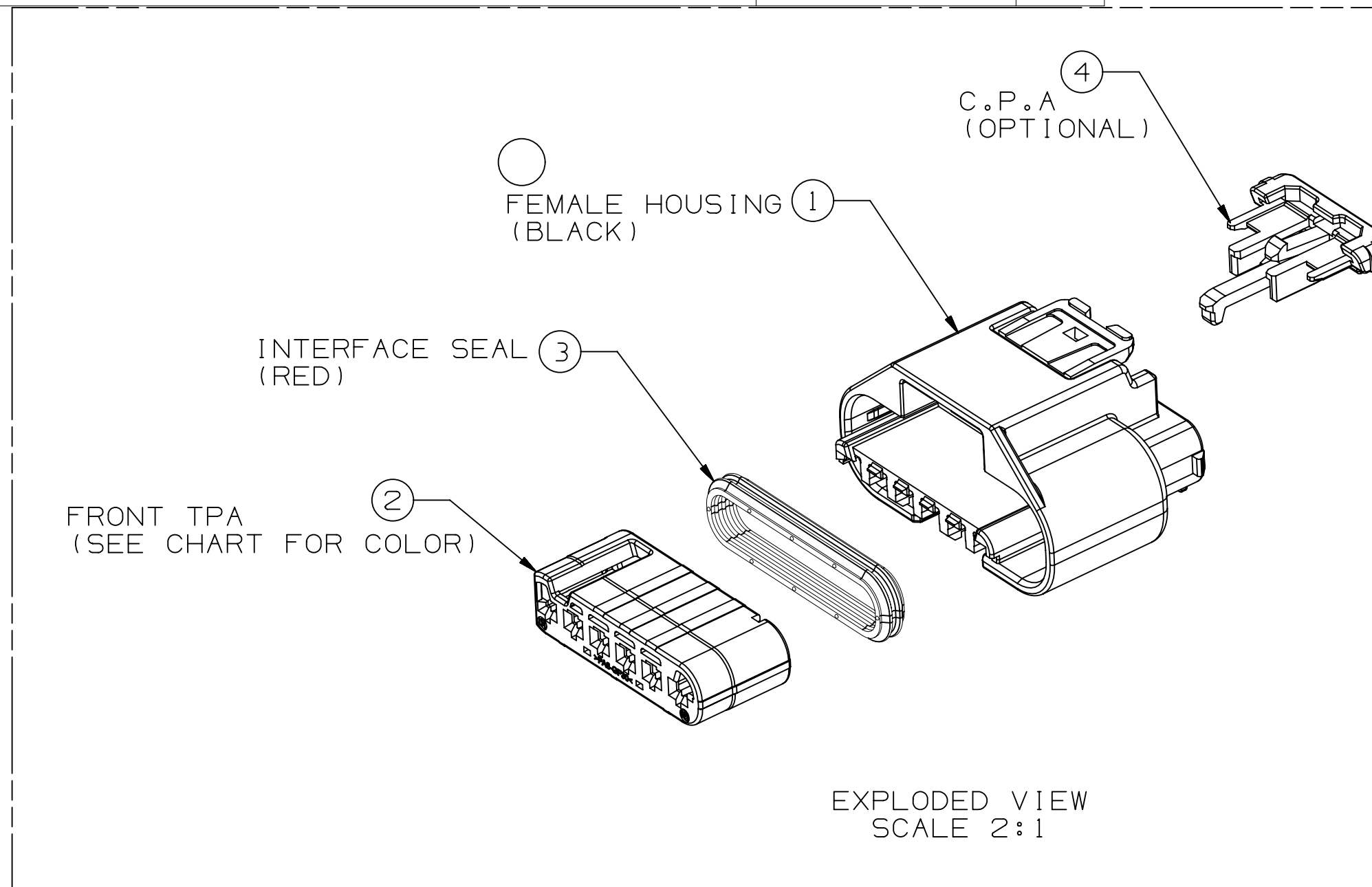
SECTION B-B



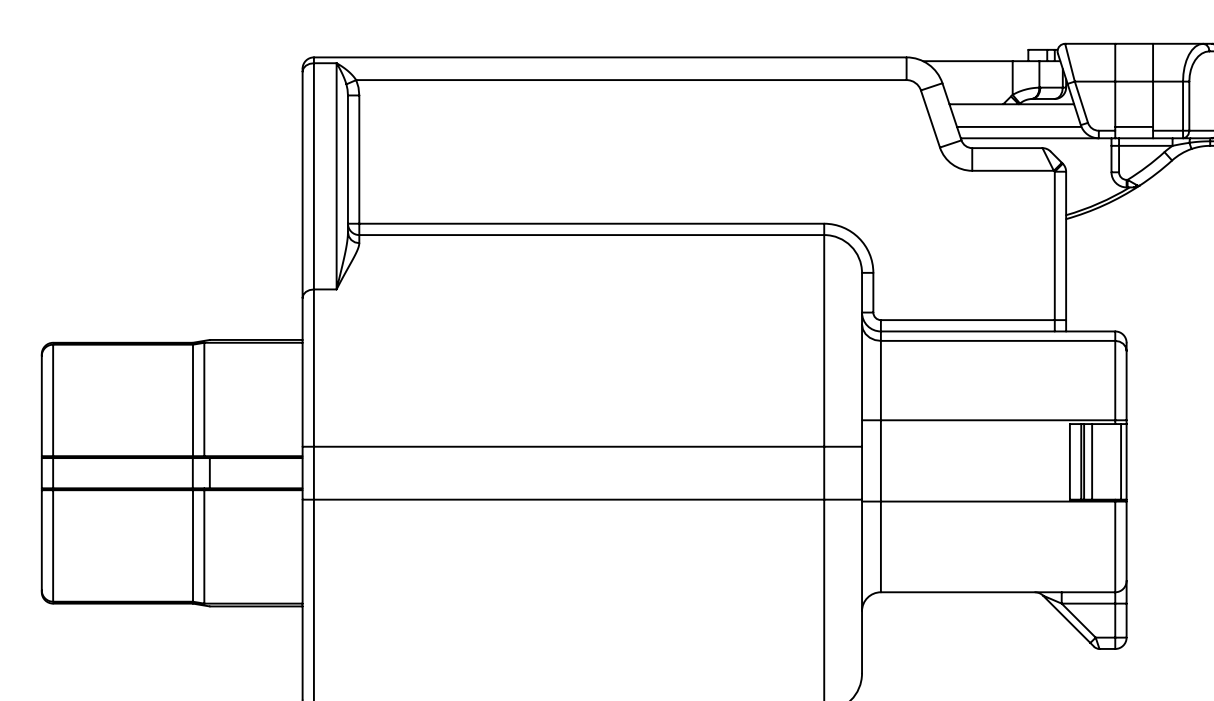
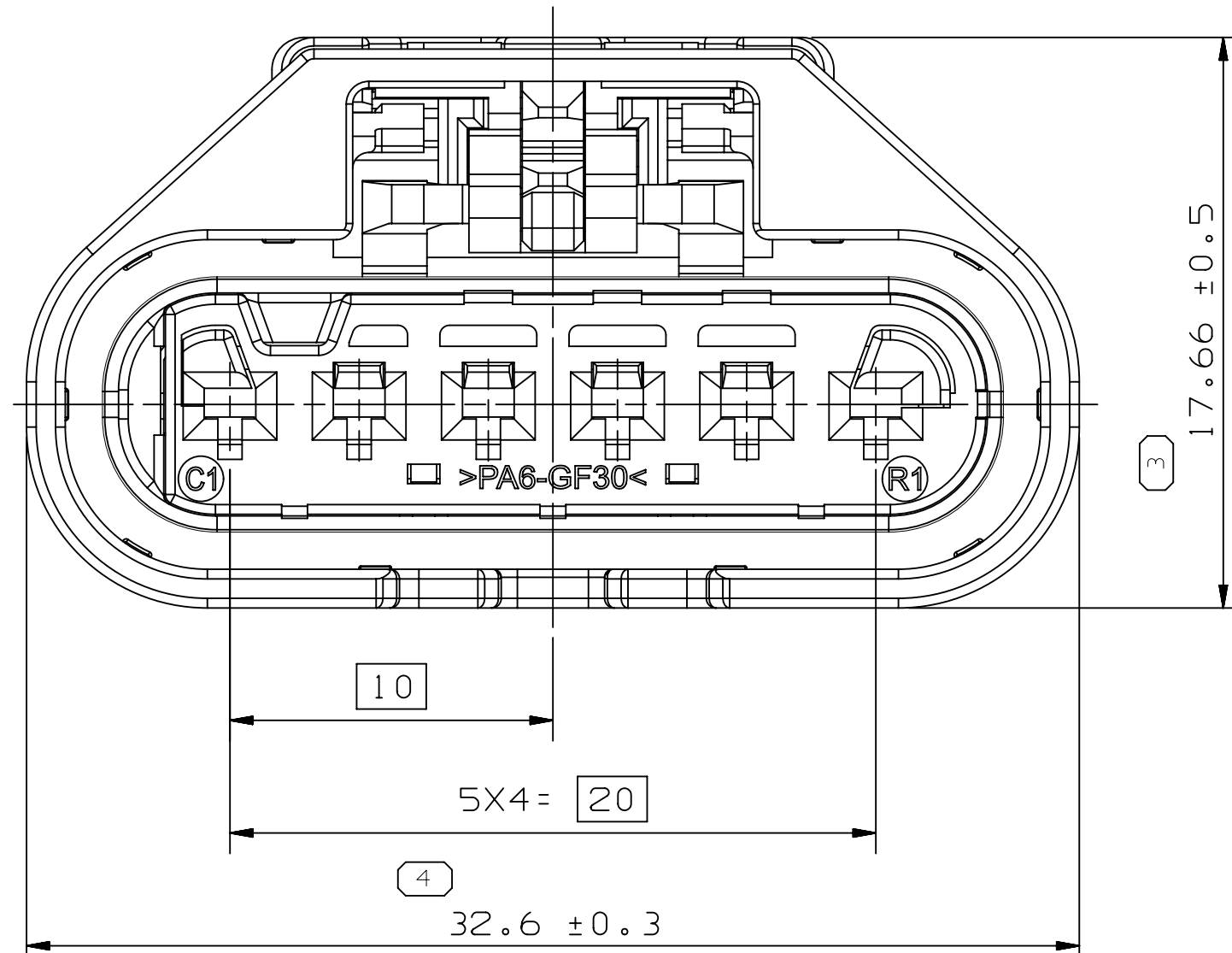
CPA & TPA IN FINAL LOCK POSITION



TPA FINAL-LOCK POSITION
SECTION A-A



EXPLODED VIEW
SCALE 2:1



TYPE	ASSEMBLY	CODING TYPE	HOUSING (BLACK)	TPA	INTERFACE SEAL (RED)	CPA (GRAY)
WITH CPA	33355813	A	33390979	33390984 ROYAL BLUE	33355827	33219398
	33355815	B		33390985 BROWN		
	33355817	C		33390986 LT GRAY		
	33355818	D		33390987 RED		
WITHOUT CPA	33356199	A	33390979	33390984 ROYAL BLUE	33355827	33219398
	33356200	B		33390985 BROWN		
	33356201	C		33390986 LT GRAY		
	33356202	D		33390987 RED		
4	I	FEMALE CPA	PA66 GF35%	GRAY	33219398	OPTIONAL
3	I	INTERFACE SEAL	SILICONE RUBBER	RED	33355827	-
2	I	TPA CODE A	PA6 GF 30%	ROYAL BLUE	33390984	-
1	I	FEMALE HOUSING A	PA6 GF 30%	BLACK	33390979	-
REP.	QTY	DESCRIPTION	MATERIAL	COLOR	DELPHI P/N	REMARK

DIN ISO 2768	Tolerance Class Fine (m)
Linear Dimensions except for broken edges	Permissible deviations for basic size range (mm)
	0.5 $\pm$ 0.1 up to 3 over 3 up to 6 over 6 up to 30 over 30 up to 120 over 120 up to 400 over 400 up to 1000 over 1000 up to 2000
Broken edges (radii, chamfers)	Permissible deviations for basic size range (mm)
	0.5 $\pm$ 0.1 up to 3 over 3 up to 6 over 6 up to 30 over 30 up to 120 over 120 up to 400 over 400 up to 1000 over 1000 up to 2000
Angular dimensions	Permissible deviations for ranges of lengths, in mm, of the shorter side of the angle concerned
	up to 10 over 10 up to 50 over 50 up to 120 over 120 up to 400 over 400 up to 1000 over 1000 up to 2000
	$\pm$ 1' $\pm$ 0' 30' $\pm$ 0' 20' $\pm$ 0' 10' $\pm$ 0' 5'
	*1 For nominal sizes below 0.5mm, the deviations shall be indicated adjacent to the relevant nominal size(s).

ASSOCIATED PARTS			
FEMALE TERMINAL	PART NUMBER	WIRE SIZE (mm ²)	TYP (AWG)
APEX 1.2	TIN	54001864	0.75 ~ 1.25
		54002006	0.3 ~ 0.5
	SILVER STRIPE, SPOT	F731400	0.75 ~ 1.25
		F931400	0.3 ~ 0.5
APEX 1.2	GOLD STRIPE, SPOT	54001863	0.75 ~ 1.25
		54002005	0.3 ~ 0.5
	TIN SILVER	54001866	0.75 ~ 1.25
		54002007	0.3 ~ 0.5

CABLE SEAL					
TYPE	PART NUMBER	WIRE SIZE (mm ²)	INSULATION (Ø)	COLOR	REMARKS
LONG	F310400/33513680	0.3 ~ 0.35	1.2 ~ 1.5	RED	
	F410400/33511838	0.5 ~ 0.85	1.6 ~ 1.9	GRAY	
	F599700/33513681	1.0 ~ 1.5	2.0 ~ 2.4	YELLOW	
DUMMY SEAL	33402443	-	-	WHITE	
	35020635	-	-	GRAY	
	60993913	0.35 ~ 0.5	1.2 ~ 1.6	RED	
SHORT	60993928	0.5 ~ 0.75	1.6 ~ 1.9	GRAY	
	60993934	1.0 ~ 1.5	1.9 ~ 2.4	YELLOW	
	33318278	0.3 ~ 0.35	1.2 ~ 1.5	GRAY	
	33318279	0.5 ~ 0.85	1.6 ~ 1.9	LIGHT GRAY	
	33318275	1.0 ~ 1.5	2.0 ~ 2.4	BLACK	
					OPTIONAL

NOTES:

1. TOLERANCE MUST MEET DIN ISO 2768(m)
2. ALLOWED WIRE RANGE : 0.3mm² TO 1.25mm² (JASO WIRE)
3. APPLICABLE TERMINAL : APEX1.2 FEMALE TERMINAL

DIMENSIONAL RANGE (MM)		TOLERANCE (MM)	
FROM	TO	TOLERANCE	REFERENCE
0	20	$\pm$ 0.1	
20	30	$\pm$ 0.15	
30	40	$\pm$ 0.2	
40	50	$\pm$ 0.25	
50	60	$\pm$ 0.3	
60	70	$\pm$ 0.35	
70	80	$\pm$ 0.4	
80	90	$\pm$ 0.45	
90	100	$\pm$ 0.5	
100	120	$\pm$ 0.6	
120	150	$\pm$ 0.7	
150	200	$\pm$ 0.8	
200	250	$\pm$ 0.9	
250	300	$\pm$ 1.0	
300	400	$\pm$ 1.2	
ANGULAR TOLERANCE		$\pm$ 2'	

A. INDICATES THAT PHYSICAL PARTS ARE NOT AVAILABLE FOR ORDERING.	
PART NUMBERS THAT DO NOT HAVE A LINE PRESENT INDICATE THAT PHYSICAL PARTS ARE AVAILABLE FOR ORDERING.	
CONTACT APTIV SALES TO ASSURE AVAILABILITY OF PARTS.	
DWG TYPE	CUSTOMER PART DRAWING
STYLE	
VOLUME (CM)	DISTR CODE
UNLESS OTHERWISE SPECIFIED THIS DOCUMENT IS IN ACCORDANCE WITH ASME Y14.5M-1994 AS MODIFIED BY THE 2003 GLOBAL DIMENSIONING AND TOLERANCING ADDENDUM (2003) SEPARATE PATTERNING OF FEATURES MAY BE ORDERED SEPARATELY REGARDLESS OF DATUM REFERENCES.	
ALL DIMENSIONS ARE IN MILLIMETERS	
REFERENCE	
THIRD ANGLE PROJECTION	DO NOT SCALE
USE MATH DATA	

• APTIV •	
CONNECTION SYSTEMS	
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DR	DATE
APVD1: SUNG-YUN-KYU	14SE18
APVD2: SEO, JU-WON	14SE18
APVD3: PARK, JOO-HYUN	14SE18
APVD4	
APVD5	
SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER DELPHI 10949801	
MATERIAL	
SEE NOTES	
DRAWING NAME	
APEX1.2 6WAY FEMALE CONNECTOR ASSY	
DRAWING NUMBER	
33390991	
SIZE	SCALE
A0	5:1
FRAME NO	SHEET NO
1 OF 1	1 OF 1
SYG RES	TYP
02 AB	

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