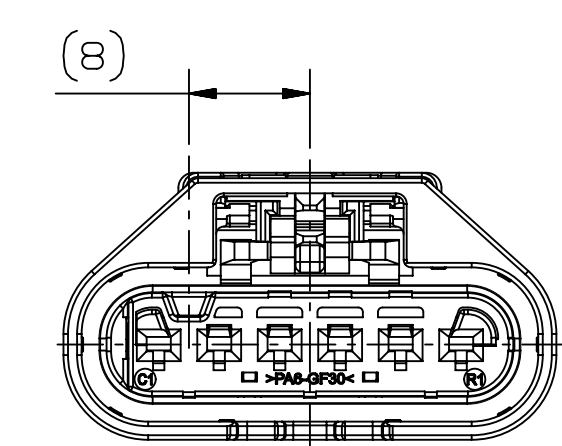
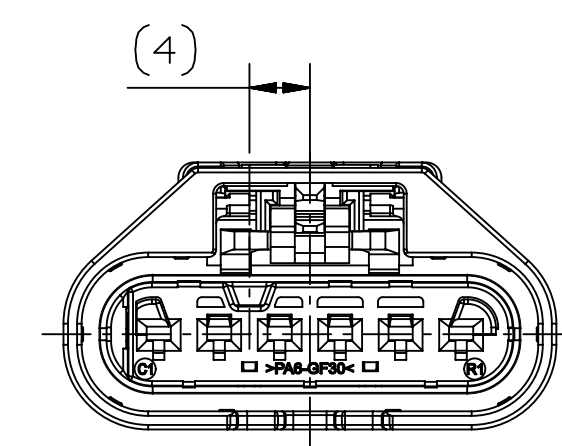
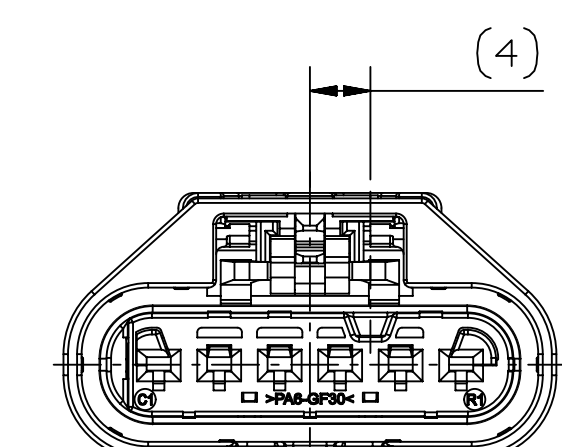




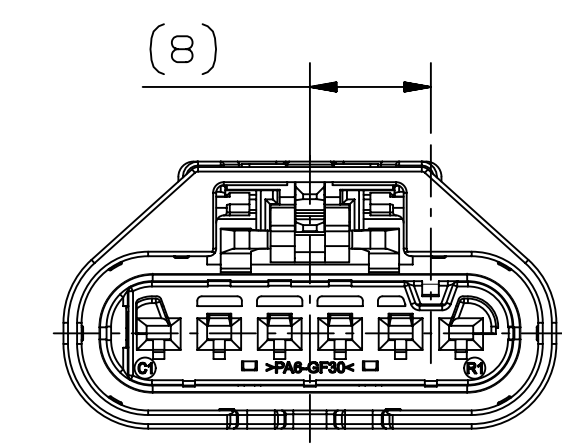
CODE A
SCALE 2:1



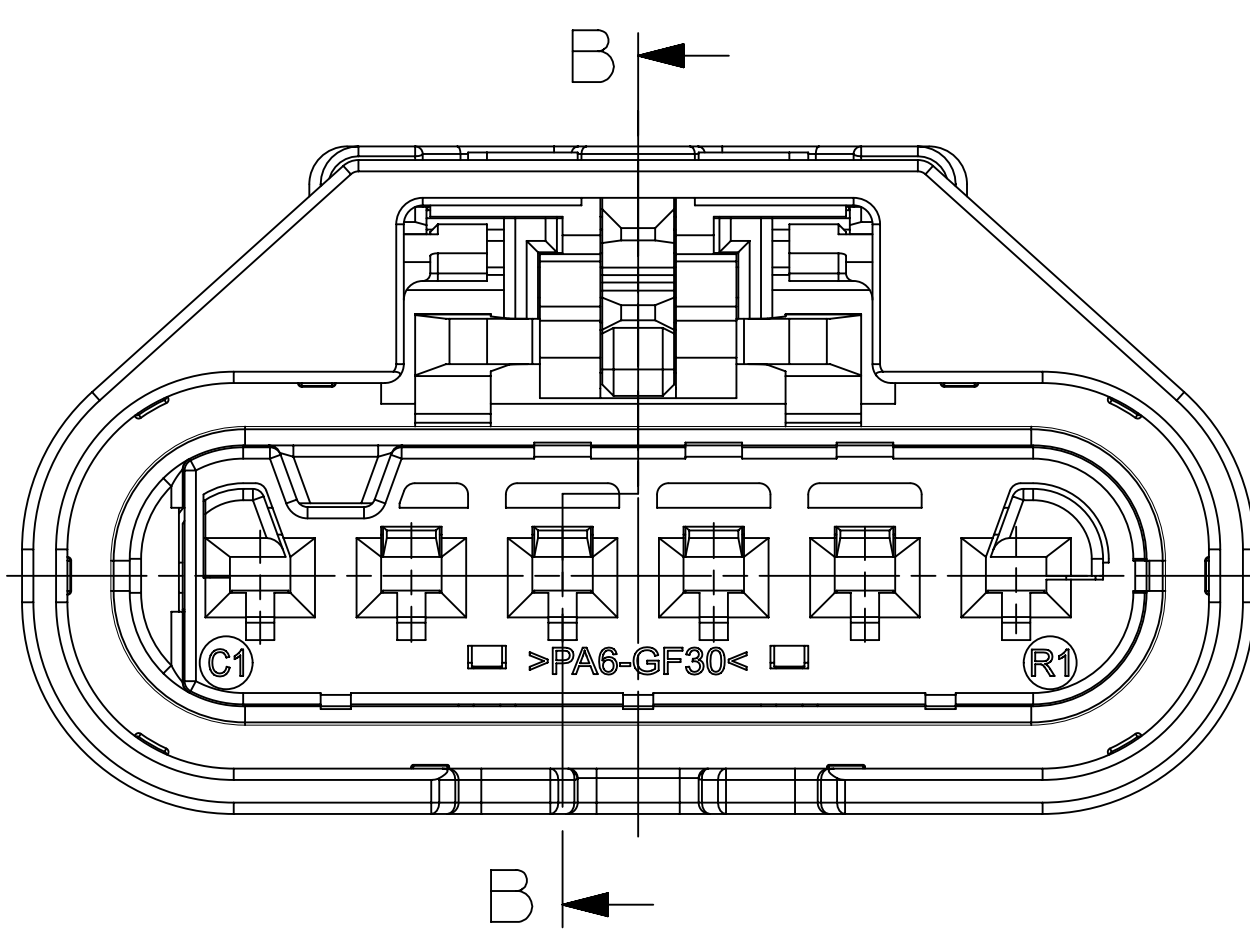
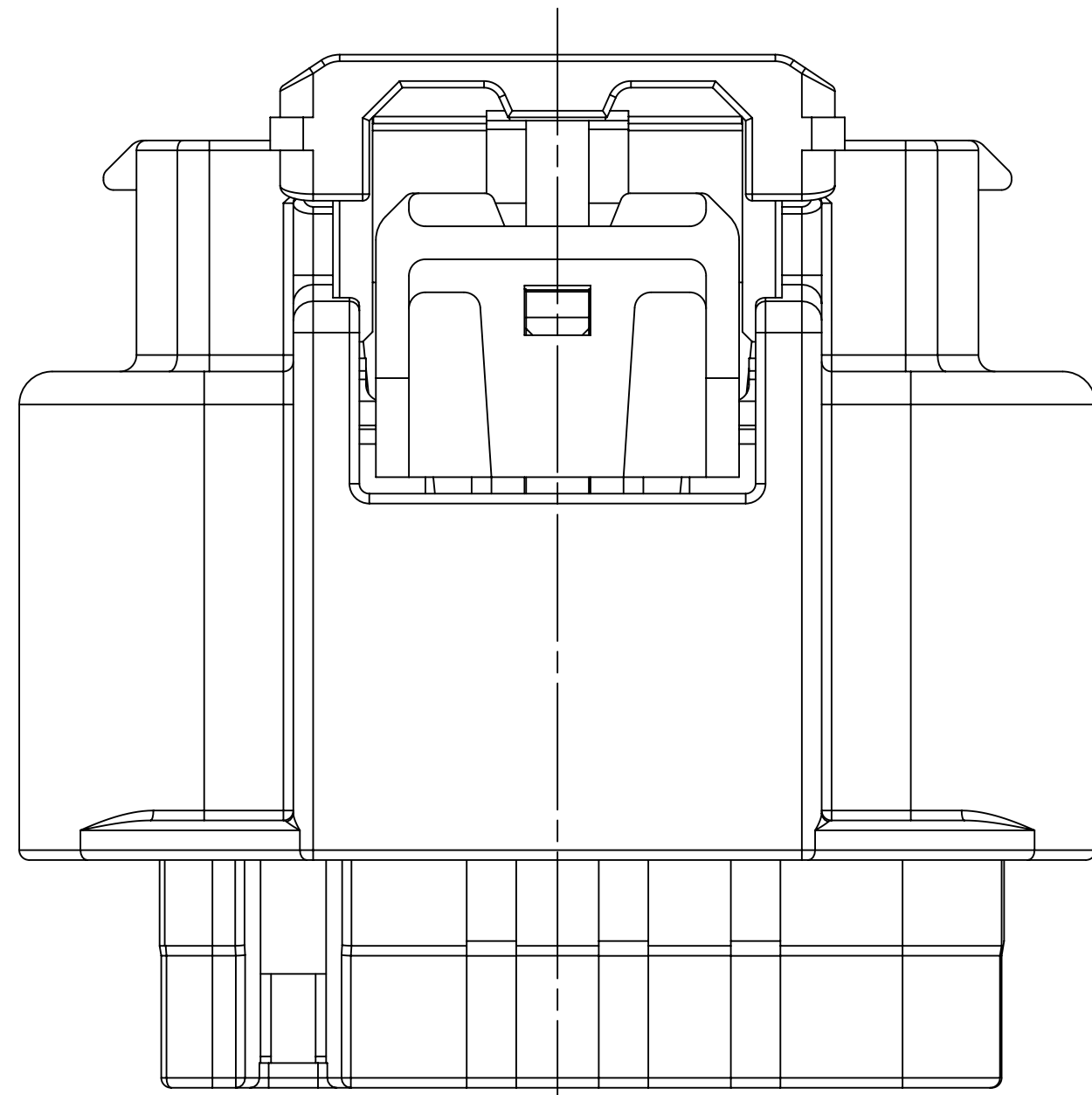
CODE B
SCALE 2:1



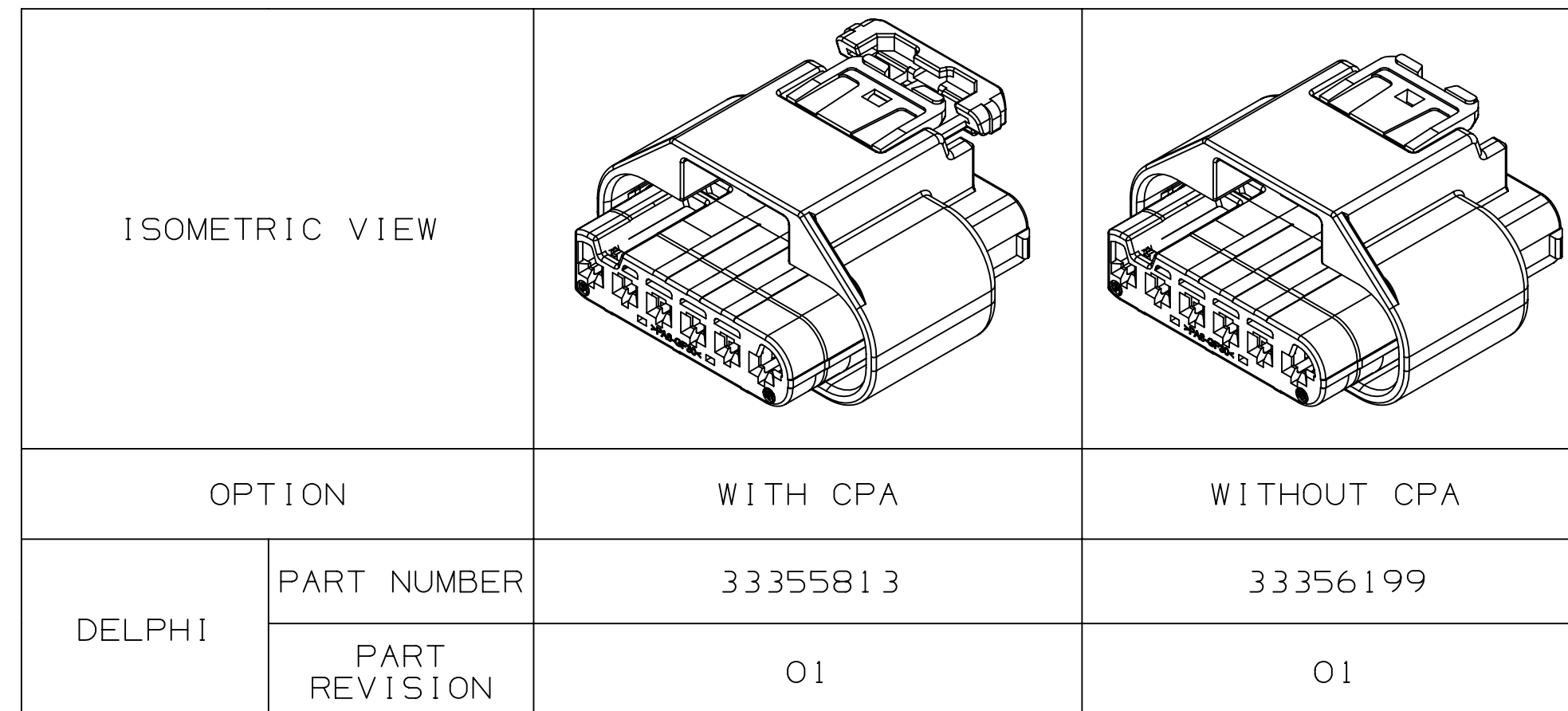
CODE C
SCALE 2:1



CODE D
SCALE 2:1



CPA & TPA IN PRE-LOCK POSITION



ISOMETRIC VIEW

OPTION

WITH CPA

WITHOUT CPA

DELPHI

PART NUMBER

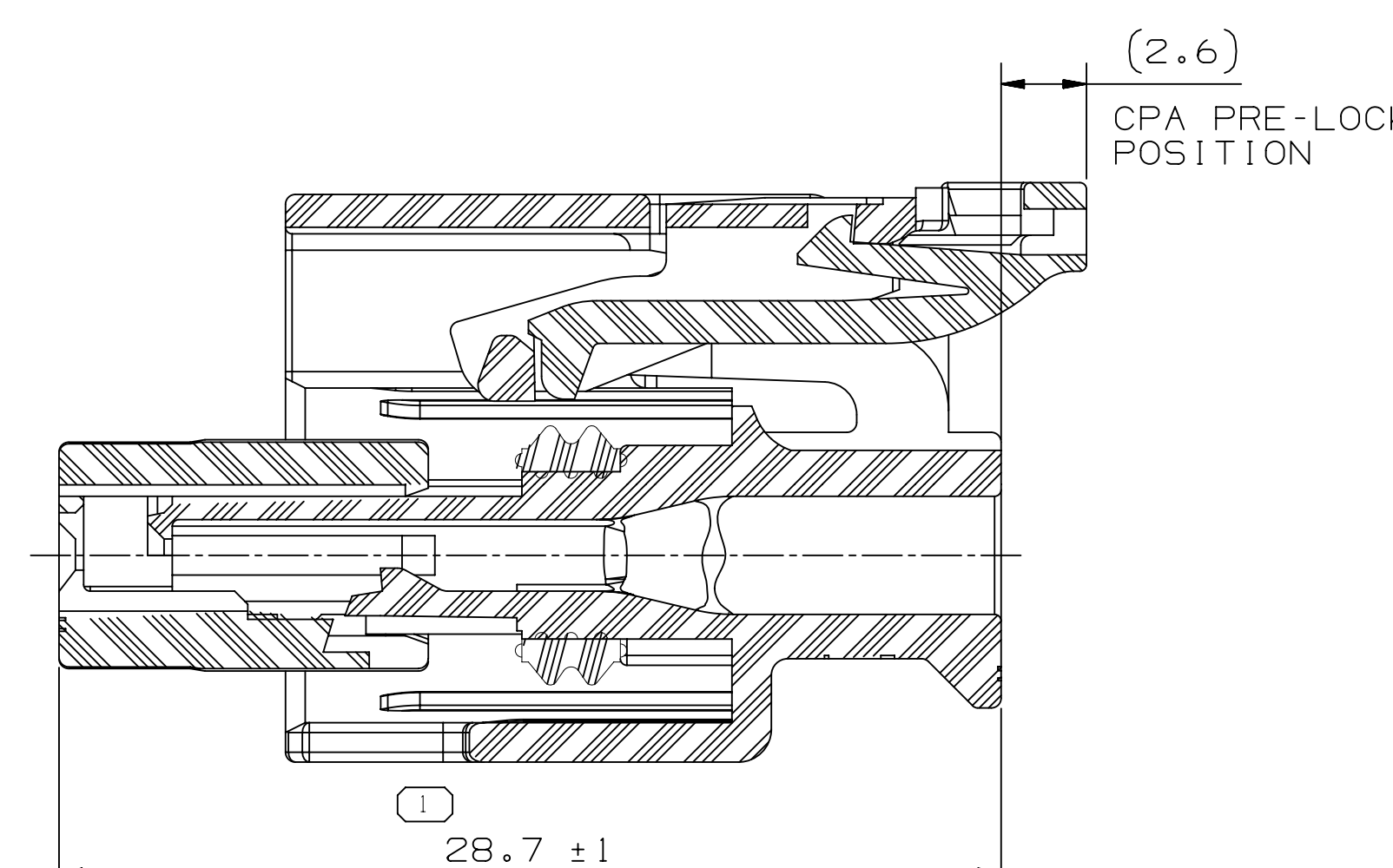
PART REVISION

33355813

01

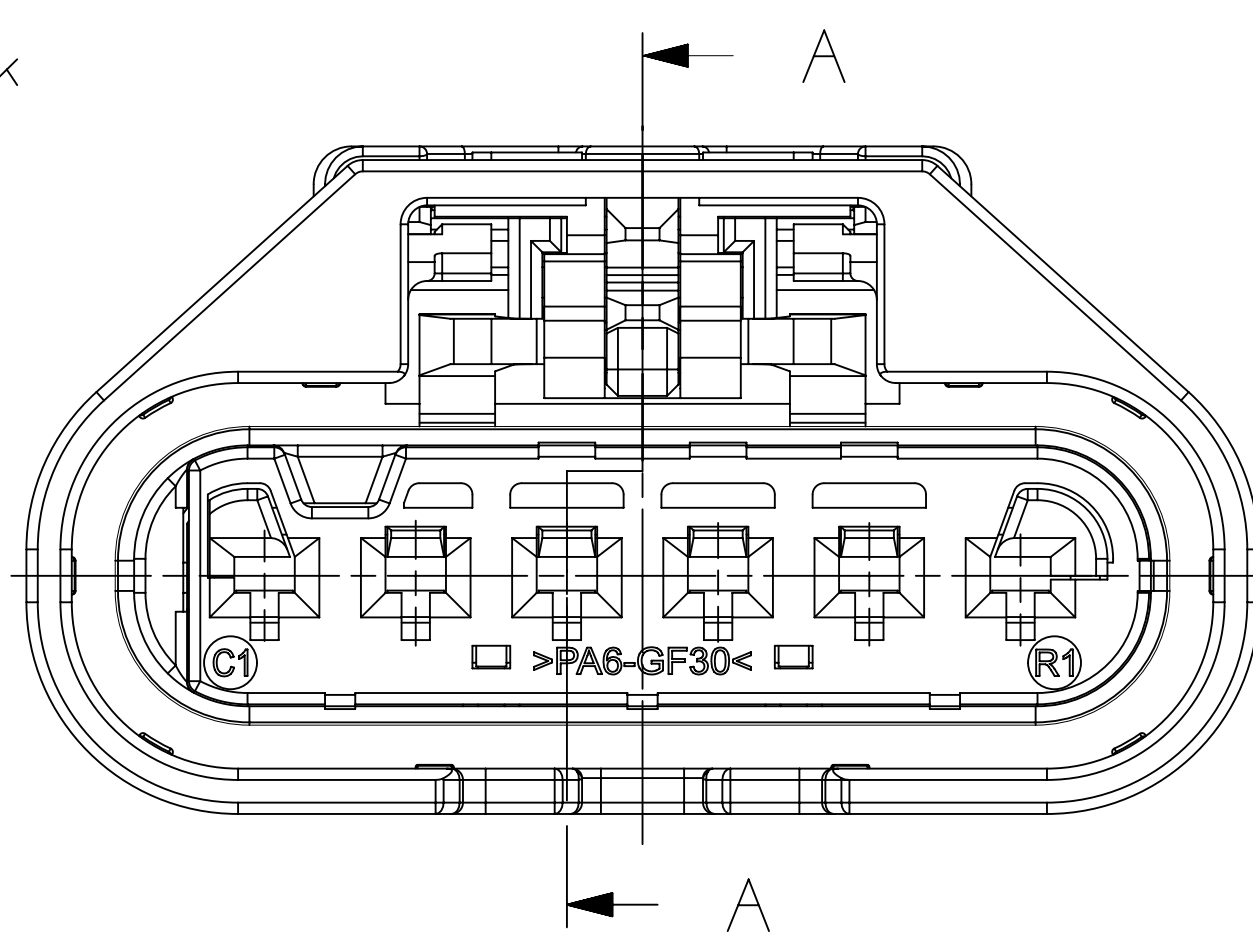
33356199

01

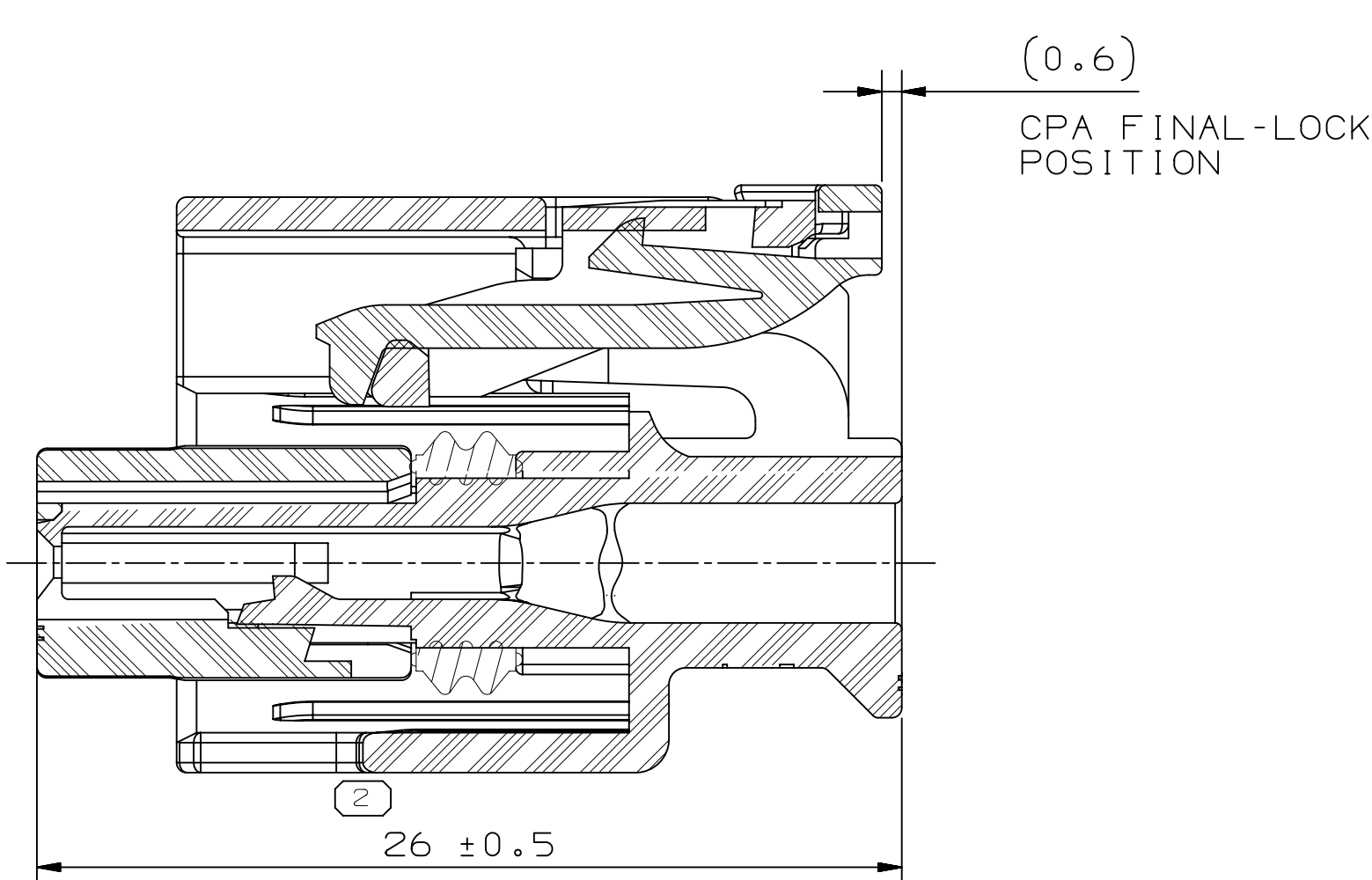


TPA PRE-LOCK POSITION

SECTION B-B

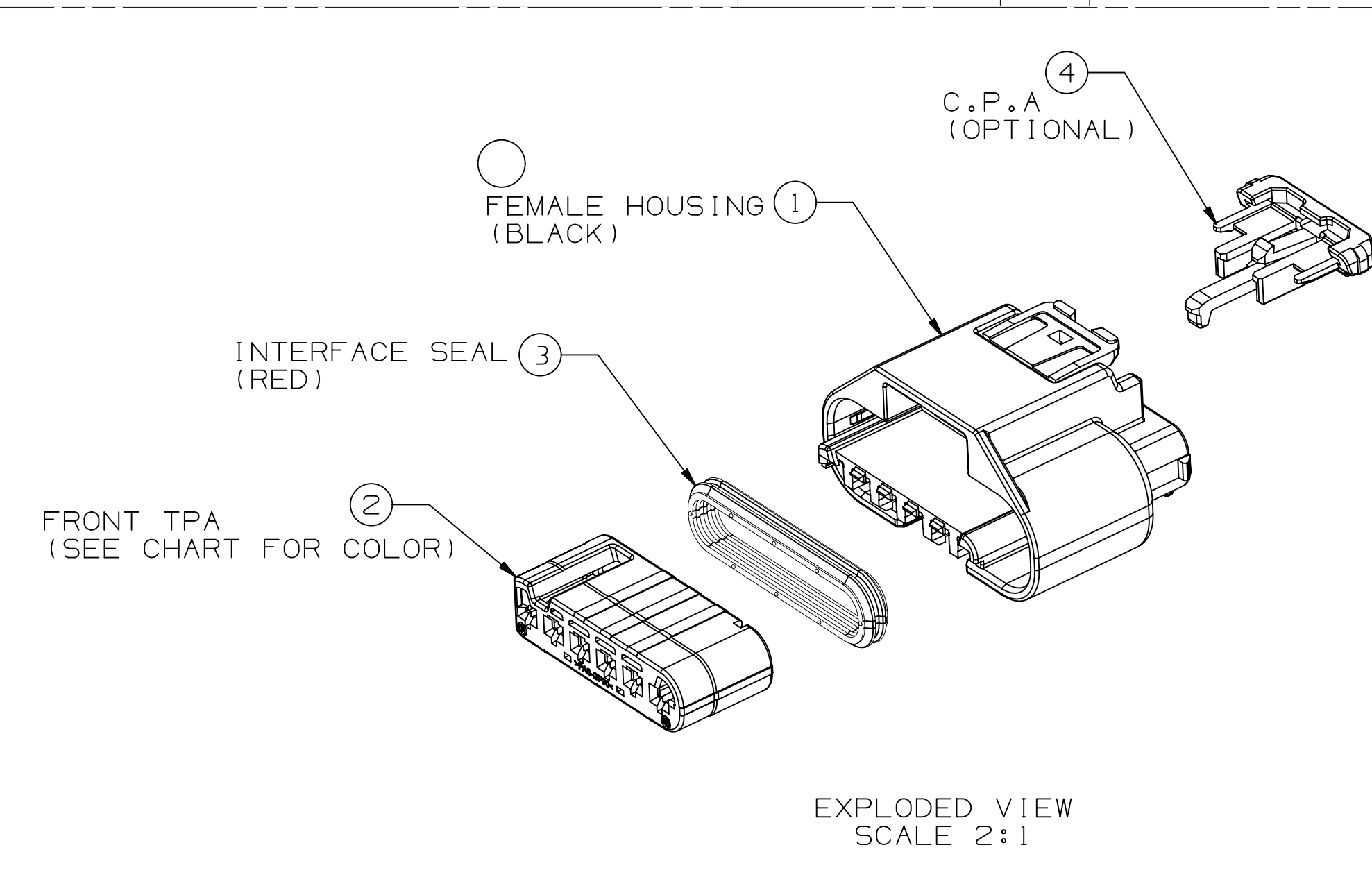


CPA & TPA IN FINAL LOCK POSITION

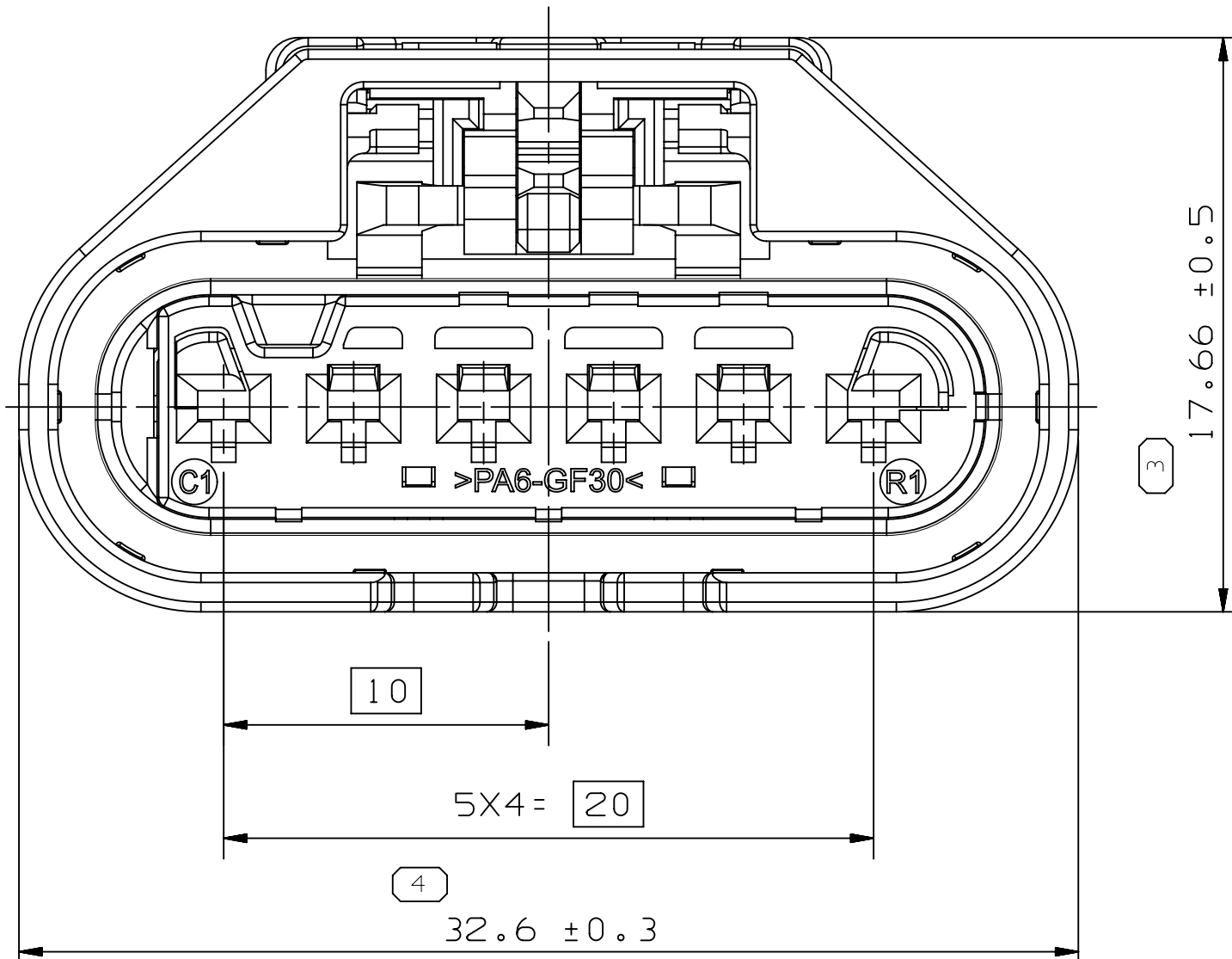


TPA FINAL-LOCK POSITION

SECTION A-A



EXPLODED VIEW
SCALE 2:1



TYPE	ASSEMBLY	CODING TYPE	HOUSING (BLACK)	TPA		INTERFACE SEAL (RED)	CPA (GRAY)
				P/N/D	COLOR		
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	1	FEMALE CPA	PA66 GF35%	GRAY	33219398	OPTIONAL
3	1	INTERFACE SEAL	SILICONE RUBBER	RED	33355827	-
2	1	TPA CODE A	PA6 GF 30%	ROYAL BLUE	33390984	-
1	1	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	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 up to 2000
±0.1	±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2
Broken edges (radii, chamfers)							
Permissible deviations for basic size range (mm)							
0.5	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 up to 2000
±0.2	±0.2	±0.2	±0.5	±0.8	±1.2	±1.5	±2.0
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 up to 2000	over 2000 up to 4000 up to 6000 up to 10000	over 10000 up to 20000 up to 40000 up to 60000 up to 100000	over 100000 up to 200000 up to 400000 up to 600000 up to 1000000
±1°	±0° 30'	±0° 20'	±0° 10'	±0° 5'	±0° 5'	±0° 5'	±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 (mm²)	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 (mm²)	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	±	±
0	20	±0.1	±0.1
20	30	±0.1	±0.1
30	40	±0.1	±0.1
40	50	±0.1	±0.1
50	60	±0.1	±0.1
60	70	±0.1	±0.1
70	80	±0.1	±0.1
80	90	±0.1	±0.1
90	100	±0.1	±0.1
100	120	±0.1	±0.1
120	150	±0.1	±0.1
150	200	±0.1	±0.1
200	250	±0.1	±0.1
250	300	±0.1	±0.1
300	400	±0.1	±0.1
400	500	±0.1	±0.1
500	600	±0.1	±0.1
600	700	±0.1	±0.1
700	800	±0.1	±0.1
800	900	±0.1	±0.1
900	1000	±0.1	±0.1
1000	1200	±0.1	±0.1
1200	1500	±0.1	±0.1
1500	2000	±0.1	±0.1
2000	2500	±0.1	±0.1
2500	3000	±0.1	±0.1
3000	4000	±0.1	±0.1
4000	5000	±0.1	±0.1
5000	6000	±0.1	±0.1
6000	7000	±0.1	±0.1
7000	8000	±0.1	±0.1
8000	9000	±0.1	±0.1
9000	10000	±0.1	±0.1
10000	12000	±0.1	±0.1
12000	15000	±0.1	±0.1
15000	20000	±0.1	±0.1
20000	25000	±0.1	±0.1
25000	30000	±0.1	±0.1
30000	40000	±0.1	±0.1
40000	50000	±0.1	±0.1
50000	60000	±0.1	±0.1
60000	70000	±0.1	±0.1
70000	80000	±0.1	±0.1
80000	90000	±0.1	±0.1
90000	100000	±0.1	±0.1
100000	120000	±0.1	±0.1
120000	150000	±0.1	±0.1
150000	200000	±0.1	±0.1
200000	250000	±0.1	±0.1
250000	300000	±0.1	±0.1
300000	400000	±0.1	±0.1
400000	500000	±0.1	±0.1
500000	600000	±0.1	±0.1
600000	700000	±0.1	±0.1
700000	800000	±0.1	±0.1
800000	900000	±0.1	±0.1
900000	1000000	±0.1	±0.1
1000000	1200000	±0.1	±0.1
1200000	1500000	±0.1	±0.1
1500000	2000000	±0.1	±0.1
2000000	2500000	±0.1	±0.1
2500000	3000000	±0.1	±0.1
3000000	4000000	±0.1	±0.1
4000000	5000000	±0.1	±0.1
5000000	6000000	±0.1	±0.1
6000000	7000000	±0.1	±0.1
7000000	8000000	±0.1	±0.1
8000000	9000000	±0.1	±0.1
9000000	10000000	±0.1	±0.1
10000000	12000000	±0.1	±0.1
12000000	15000000	±0.1	±0.1
15000000	20000000	±0.1	±0.1
20000000	25000000	±0.1	±0.1
25000000	30000000	±0.1	±0.1
30000000	40000000	±0.1	±0.1
40000000	50000000	±0.1	±0.1
50000000	60000000	±0.1	±0.1
60000000	70000000	±0.1	±0.1
70000000	80000000	±0.1	±0.1
80000000	90000000	±0.1	±0.1
90000000	100000000	±0.1	±0.1
100000000	120000000	±0.1	±0.1
120000000	150000000	±0.1	±0.1
150000000	200000000	±0.1	±0.1
200000000	250000000	±0.1	±0.1
250000000	300000000	±0.1	±0.1
300000000	400000000	±0.1	±0.1
400000000	500000000	±0.1	±0.1
500000000	600000000	±0.1	±0.1
600000000	700000000	±0.1	±0.1
700000000	800000000	±0.1	±0.1
800000000	900000000	±0.1	±0.1
900000000	1000000000	±0.1	±0.1
1000000000	1200000000	±0.1	±0.1
1200000000	1500000000	±0.1	±0.1
1500000000	2000000000	±0.1	±0.1
2000000000	2500000000	±0.1	±0.1
2500000000	3000000000	±0.1	±0.1
3000000000	4000000000	±0.1	±0.1
4000000000	5000000000	±0.1	±0.1
5000000000	6000000000	±0.1	±0.1
6000000000	7000000000	±0.1	±0.1
7000000000	8000000000	±0.1	±0.1
8000000000	9000000000	±0.1	±0.1
9000000000	10000000000	±0.1	±0.1
10000000000	12000000000	±0.1	±0.1
12000000000	15000000000	±0.1	±0.1
15000000000	20000000000	±0.1	±0.1
20000000000	25000000000	±0.1	±0.1
25000000000	30000000000	±0.1	±0.1
30000000000	40000000000	±0.1	±0.1
40000000000	50000000000	±0.1	±0.1
50000000000	60000000000	±0.1	±0.1
60000000000	70000000000	±0.1	±0.1
70000000000	80000000000	±0.1	±0.1
80000000000	90000000000	±0.1	±0.1
90000000000	100000000000	±0.1	±0.1
100000000000	120000000000	±0.1	±0.1
120000000000	150000000000	±0.1	±0.1
150000000000	200000000000	±0.1	±0.1
200000000000	250000000000	±0.1	±0.1
250000000000	300000000000	±0.1	±0.1
300000000000	400000000000	±0.1	±0.1
400000000000	500000000000	±0.1	±0.1
500000000000	600000000000	±0.1	±0.1
600000000000	700000000000	±0.1	±0.1
700000000000	800000000000	±0.1	±0.1
800000000000	900000000000	±0.1	±0.1
900000000000	1000000000000	±0.1	±0.1
1000000000000	1200000000000	±0.1	±0.1
1200000000000	1500000000000	±0.1	±0.1
1500000000000	2000000000000	±0.1	±0.1
2000000000000	2500000000000	±0.1	±0.1
2500000000000	3000000000000	±0.1	±0.1
3000000000000	4000000000000	±0.1	±0.1
4000000000000	5000000000000	±0.1	±0.1
5000000000000	6000000000000	±0.1	±0.1
6000000000000	7000000000000	±0.1	±0.1