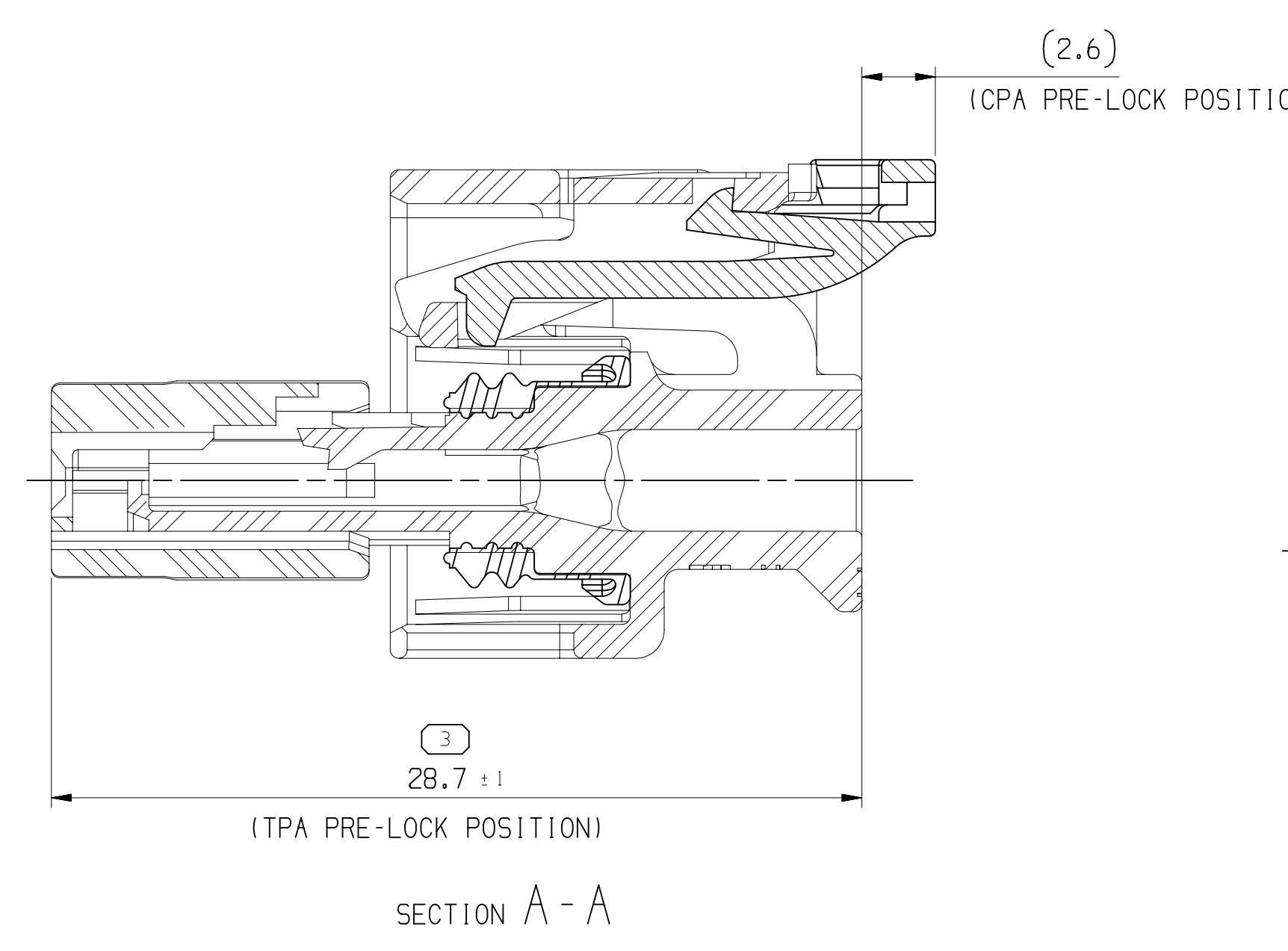
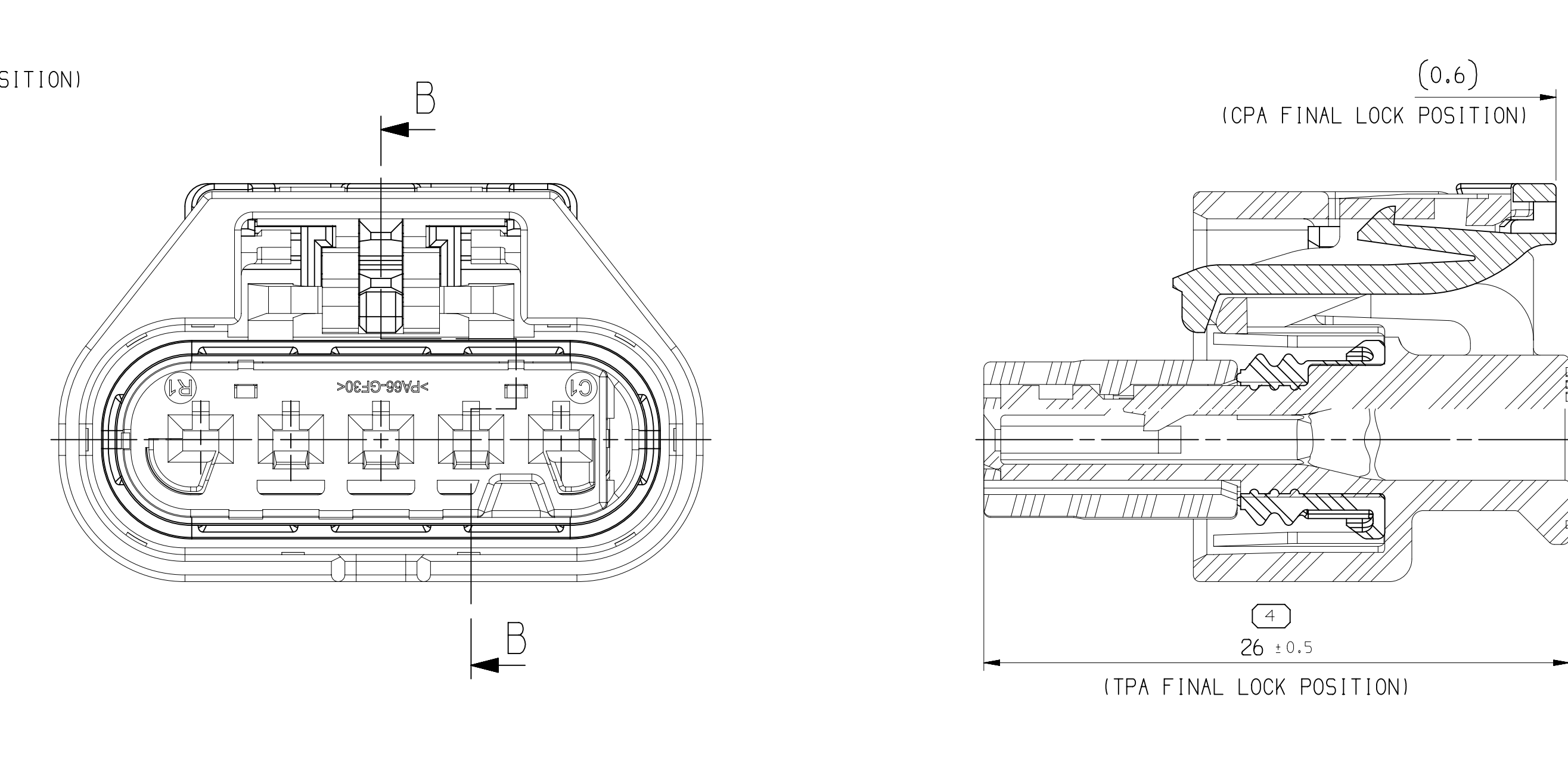


C.P.A & T.P.A IN PRE LOCK POSITION

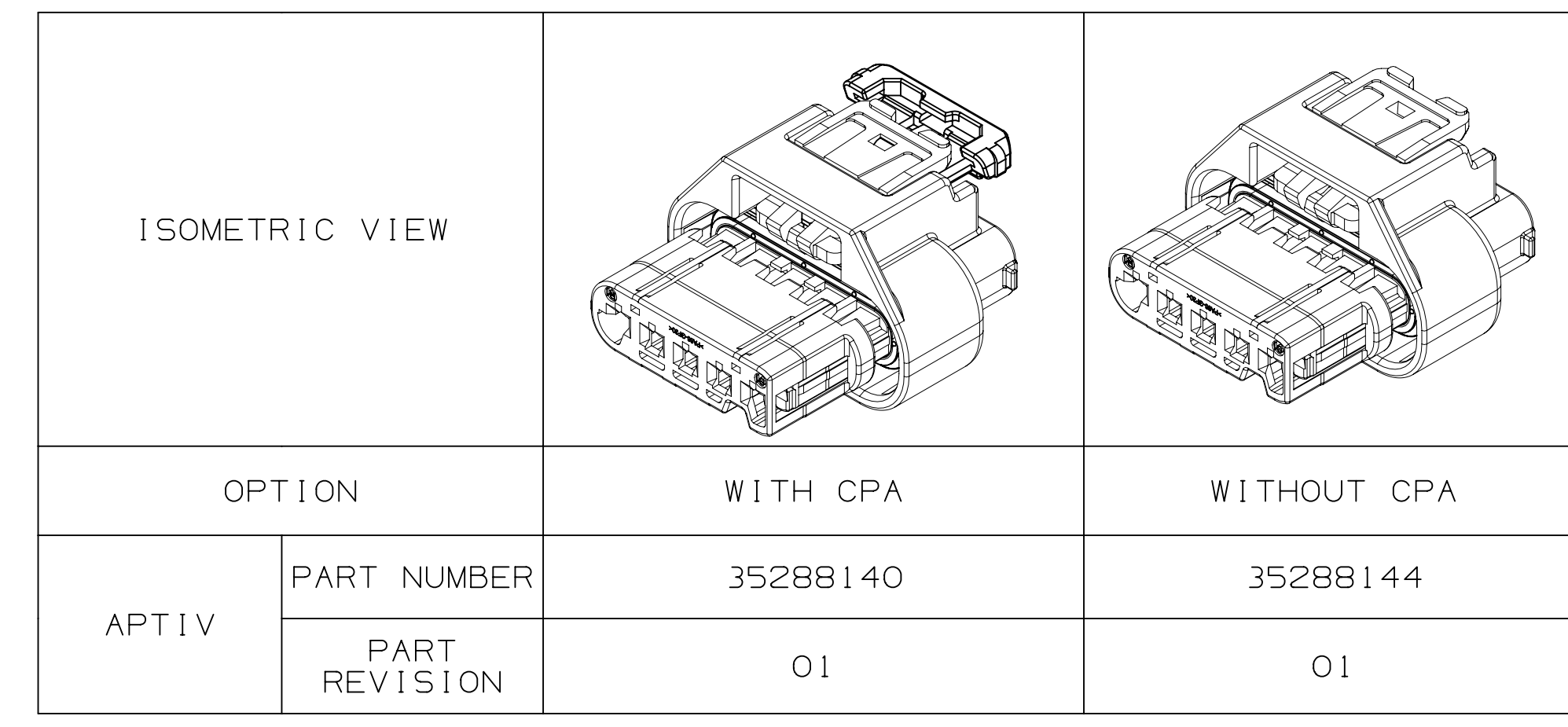


SECTION A - A

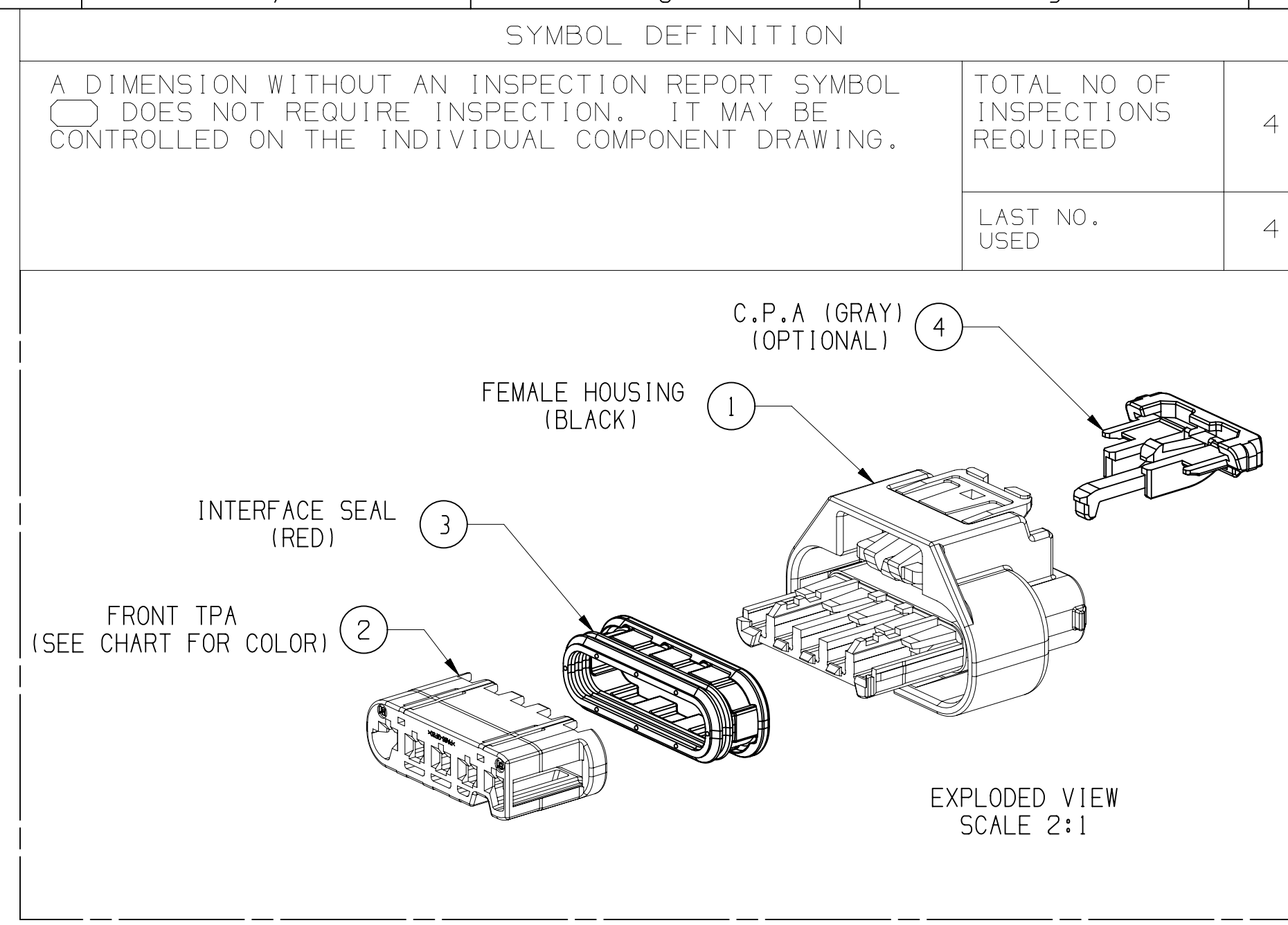


SECTION B - B

C.P.A & T.P.A IN FINAL LOCK POSITION



OPTION		WITH CPA	WITHOUT CPA
APTIV	PART NUMBER	35288140	35288144
	PART REVISION	01	01



SYMBOL DEFINITION		TOTAL NO OF INSPECTIONS REQUIRED
A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.		4
	LAST NO. USED	4

DWG STATUS		REVISION HISTORY		AUTH	
DATE	REV	DATE	REV	DR	APVD
29NO18	R 01			SYK	S.W.P.J.H

TYPE	ASSEMBLY	CODING TYPE	HOUSING	TPA		INTERFACE SEAL	CPA (OPTIONAL)
				P/NO	COLOR		
WITH CPA	35288140	A	35288389	33272057	ROYAL BLUE	33272062	33219398
	35288141	B		33272058	BROWN		
	35288142	C		33272059	LIGHT GRAY		
	35288143	D		33272060	RED		
WITHOUT-CPA	35288144	A	33272057	ROYAL BLUE	33272062	-	-
	35288145	B	33272058	BROWN			
	35288146	C	33272059	LIGHT GRAY			
	35288147	D	33272060	RED			

REP	QTY	DESCRIPTION	MATERIAL	COLOR	DELPHI P/N	REMARK
4	1	FEMALE CPA	PA66 GF35%	GRAY	33219398	OPTIONAL
3	1	INTERFACE SEAL	SILICONE RUBBER	RED	33272062	
2	1	TPA CODE A	PA66 GF30%	ROYAL BLUE	33272057	
1	1	FEMALE HOUSING	PA6 GF30%	BLACK	35288389	

TYPE	PART NUMBER	MVL PART NUMBER	CABLE SEAL		COLOR	MATERIAL
			WIRE SIZE (mm <sup>2</sup> )	INSULATION(Ø)		
LONG	33513680	F310400	0.3 ~ 0.35	1.2 ~ 1.5	RED	SILICONE RUBBER
	33511838	F410400	0.5 ~ 0.85	1.6 ~ 1.9	GRAY	
	33513681	F599700	1.0 ~ 1.5	2.0 ~ 2.4	YELLOW	
SHORT	33318278	-	0.3 ~ 0.35	1.2 ~ 1.6	GRAY	
	33318279	-	0.5 ~ 0.85	1.6 ~ 1.9	LIGHT GRAY	
	33318275	-	1.0 ~ 1.5	1.9 ~ 2.4	BLACK	
DUMMY SEAL	33402443	-	-	-	WHITE	FLUORO SILICONE
	35020635	-	-	-	DARK GRAY	
LONG	33268526	-	0.3 ~ 0.35	1.2 ~ 1.5	BLUE	
	33366680	-	0.3 ~ 0.35	1.2 ~ 1.6	BLUE	
SHORT	33366681	-	0.5 ~ 0.85	1.6 ~ 1.9	GREEN	
	33366679	-	1.0 ~ 1.5	1.9 ~ 2.4	BROWN	

FEMALE TERMINAL	PART NUMBER	WIRE SIZE (mm <sup>2</sup> )	TYP (AWG)	CRIMP SPECIFICATIONS (FOR REFERENCE ONLY)					
				CONDUCTOR			INSULATION		
				C.W	C.H	CRIMP STYLE	C.W	C.H	CRIMP STYLE
TIN	54001864	0.75 ~ 1.25	16	2.45	1.15	"B"	3.35	3.40	"O"
	18			2.05	1.20	3.35	3.10	"O"	
SILVER STRIPE, SPOT	54002006	0.3 ~ 0.5	22	1.65	1.05	"B"	3.00	2.85	"O"
	18			2.05	1.20	3.35	3.10	"O"	
GOLD STRIPE, SPOT	54001863	0.75 ~ 1.25	16	2.45	1.15	"B"	3.35	3.40	"O"
	18			2.05	1.20	3.35	3.10	"O"	
TIN SILVER	54002005	0.3 ~ 0.5	22	1.65	1.05	"B"	3.00	2.85	"O"
	18			2.05	1.20	3.35	3.10	"O"	
TIN SILVER	54001866	0.75 ~ 1.25	16	2.45	1.15	"B"	3.35	3.40	"O"
	18			2.05	1.20	3.35	3.10	"O"	
TIN SILVER	54002007	0.3 ~ 0.5	22	1.65	1.05	"B"	3.00	2.85	"O"
	18			2.05	1.20	3.35	3.10	"O"	

- NOTES:
- TOLERANCE MUST MEET DIN ISO 2768(M)
  - TEST SPECIFICATION PER : HKMC E91500-00
  - ALLOWED WIRE RANGE : 0.3mm<sup>2</sup> TO 1.25mm<sup>2</sup> (JASO WIRE)
  - APPLICABLE TERMINAL : APEX1.2 FEMALE TERMINAL

DIN ISO 2768		Permissible deviations for basic size range (mm)								
Linear Dimensions except for broken edges	Tolerance Class medium (m)	0.5	1	3	6	12	20	40	100	200
		±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	3	6	12	20	40	100	200
		±0.2	±0.2	±0.5	±1					
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 30	over 30 up to 120	over 120 up to 400	over 400 up to 1000	over 1000 up to 2000			
		±1'	±0' 30"	±0' 20"	±0' 10"	±0' 5"				

**APTIV**  
CONNECTION SYSTEMS  
Omnetia, India

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ALL DIMENSIONS ARE IN MILLIMETERS

REFERENCE

THIRD ANGLE PROJECTION

DO NOT SCALE USE MATH DATA

SEE TABLE

DRAWING NAME: APEX 1.2 5WAY 180DEG FEMALE CONN ASSY

DRAWING NUMBER: 35288390

SIZE: A0 SCALE: 5:1 FRAME NO: 1 OF 1 SHEET NO: 1 OF 1