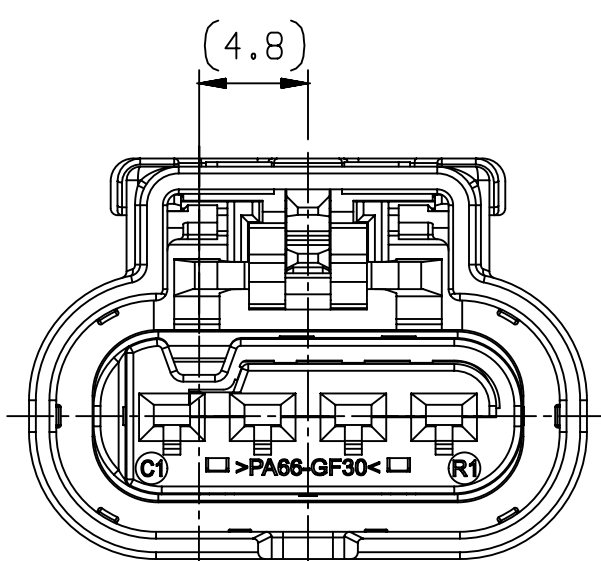
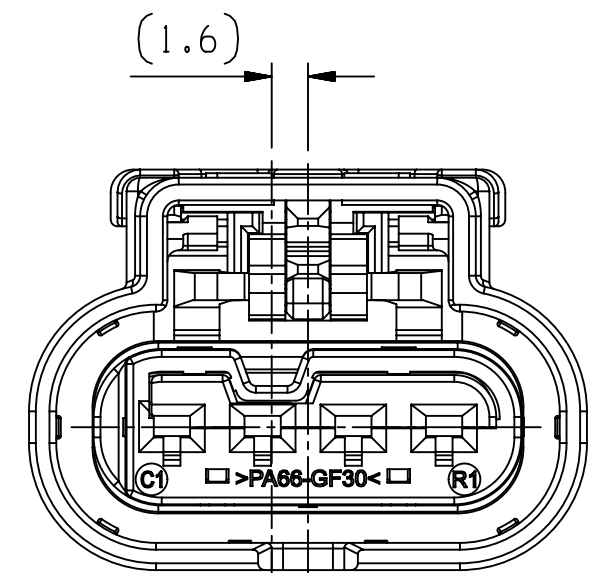
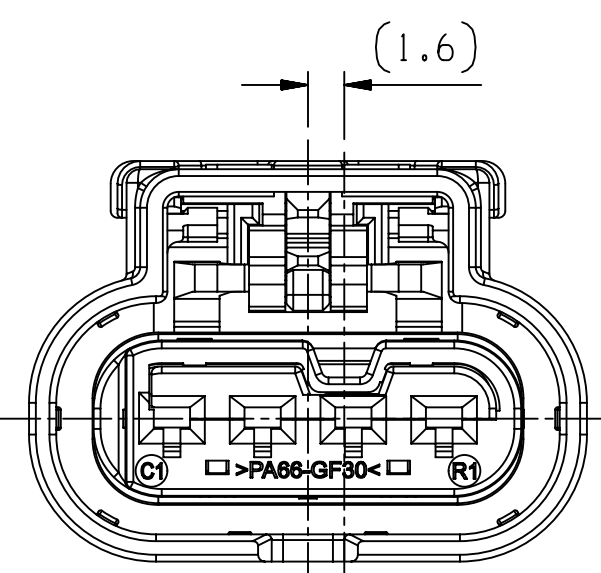




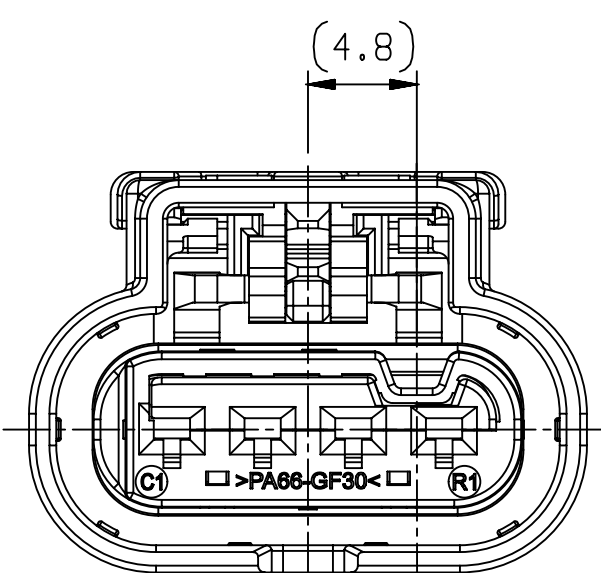
KEY A



KEY B

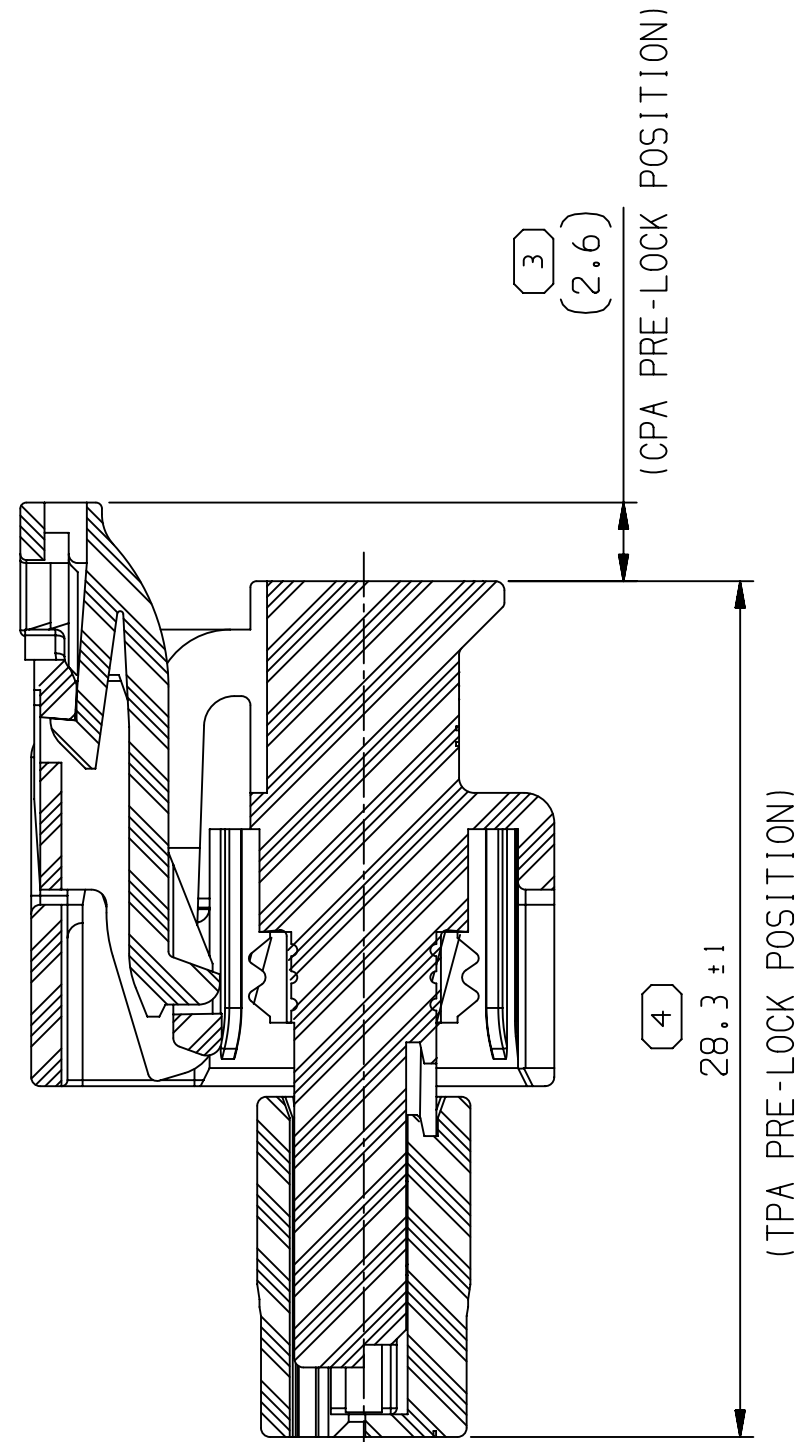
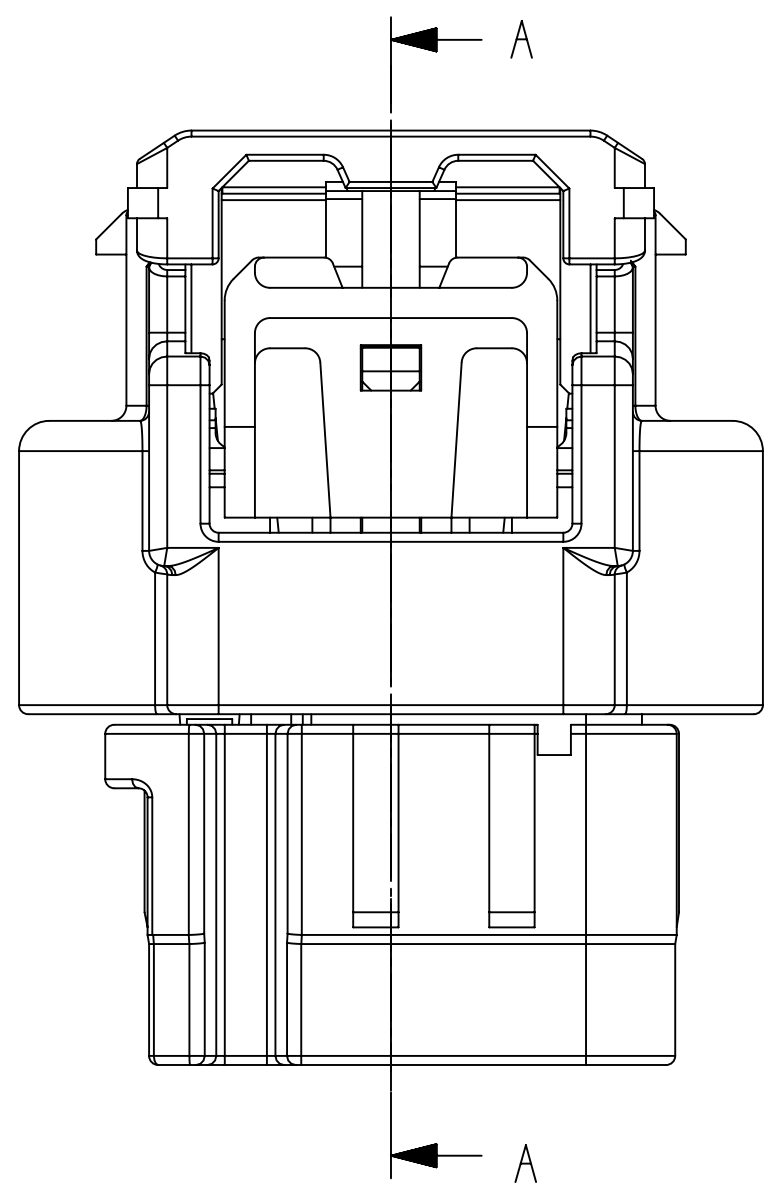
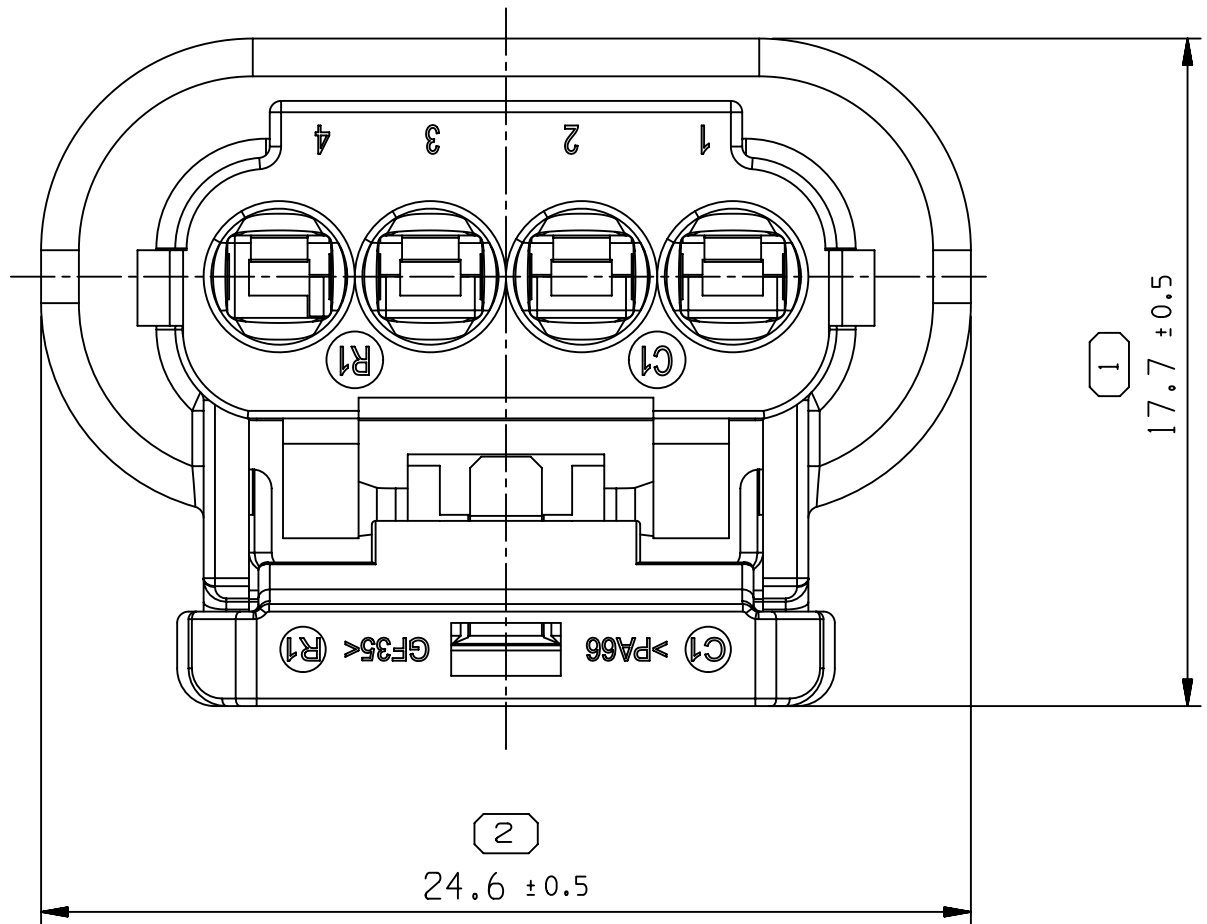


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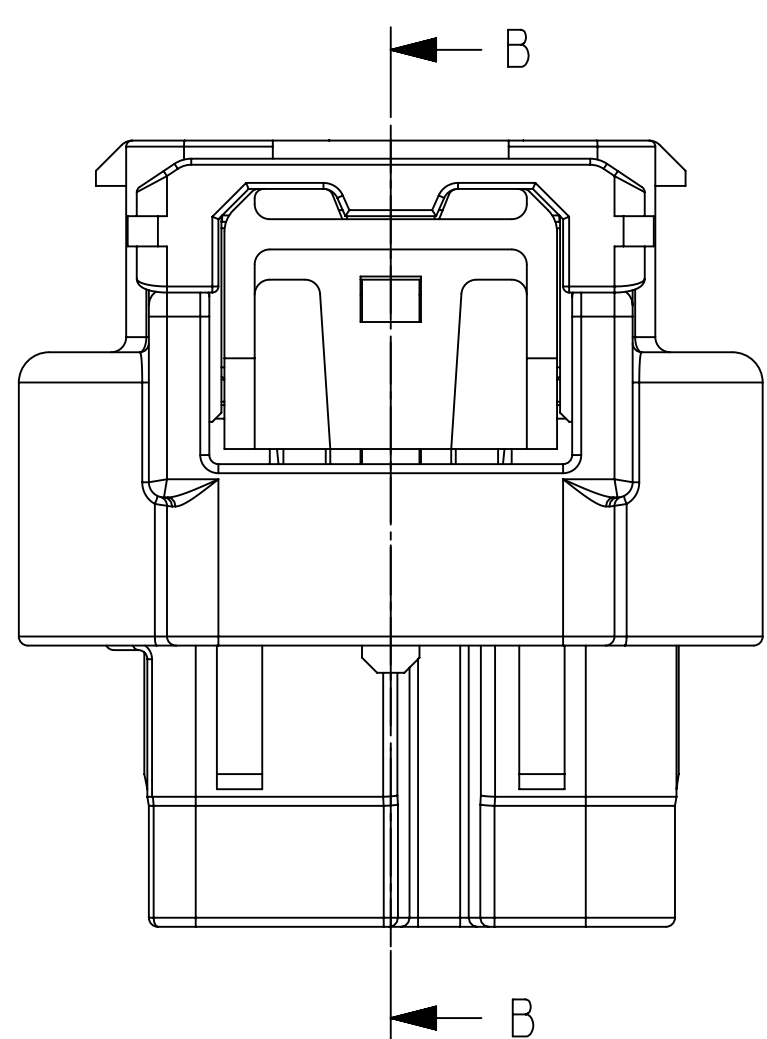


KEY D

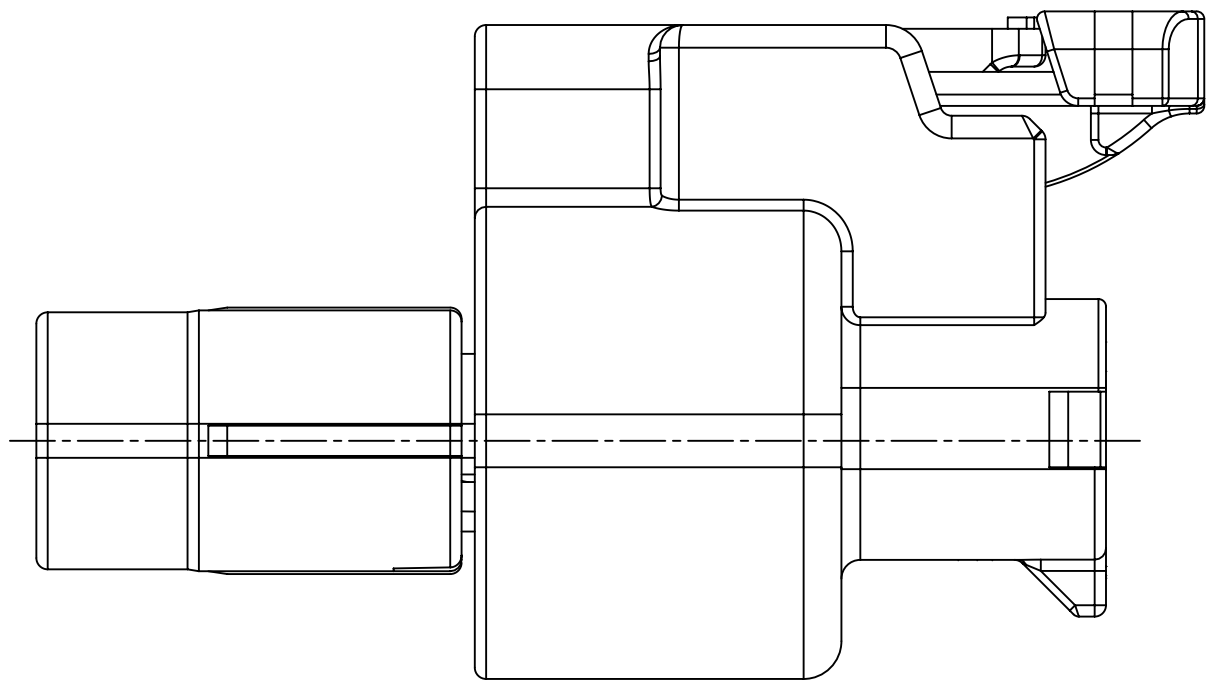
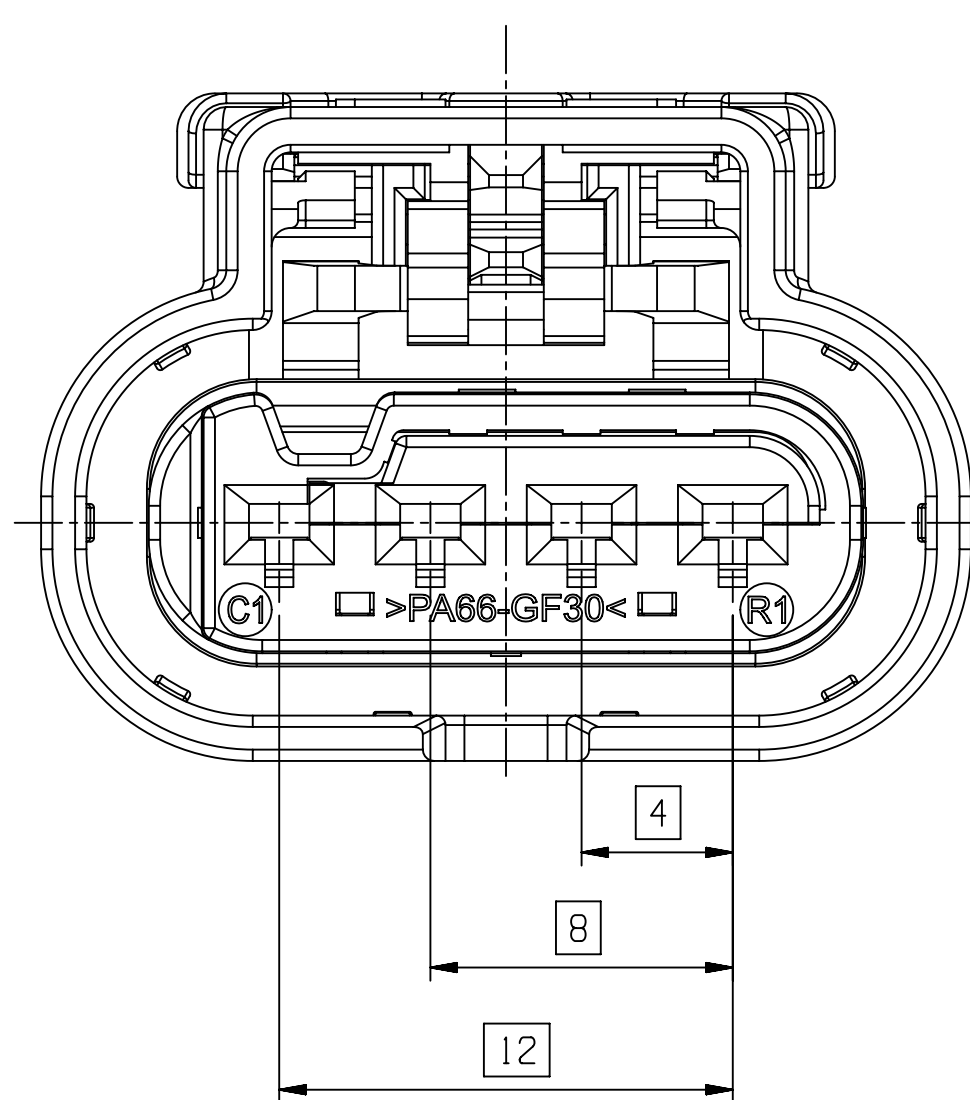
4	I	FEMALE CPA	PA66 GF35% SILICONE RUBBER	GRAY	33219398	OPTIONAL
3	I	INTERFACE SEAL	PA66 GF30% ROYAL BLUE	RED	33400478	
2	I	TPA CODE A	PA66 GF30% BLACK	BLACK	33400476	
1	I	FEMALE HOUSING A	PA66 GF30% BLACK	BLACK	33400476	
REP	QTY	DESCRIPTION	MATERIAL	COLOR	DELPHI P/N	REMARK



SECTION A-A



SECTION B-B



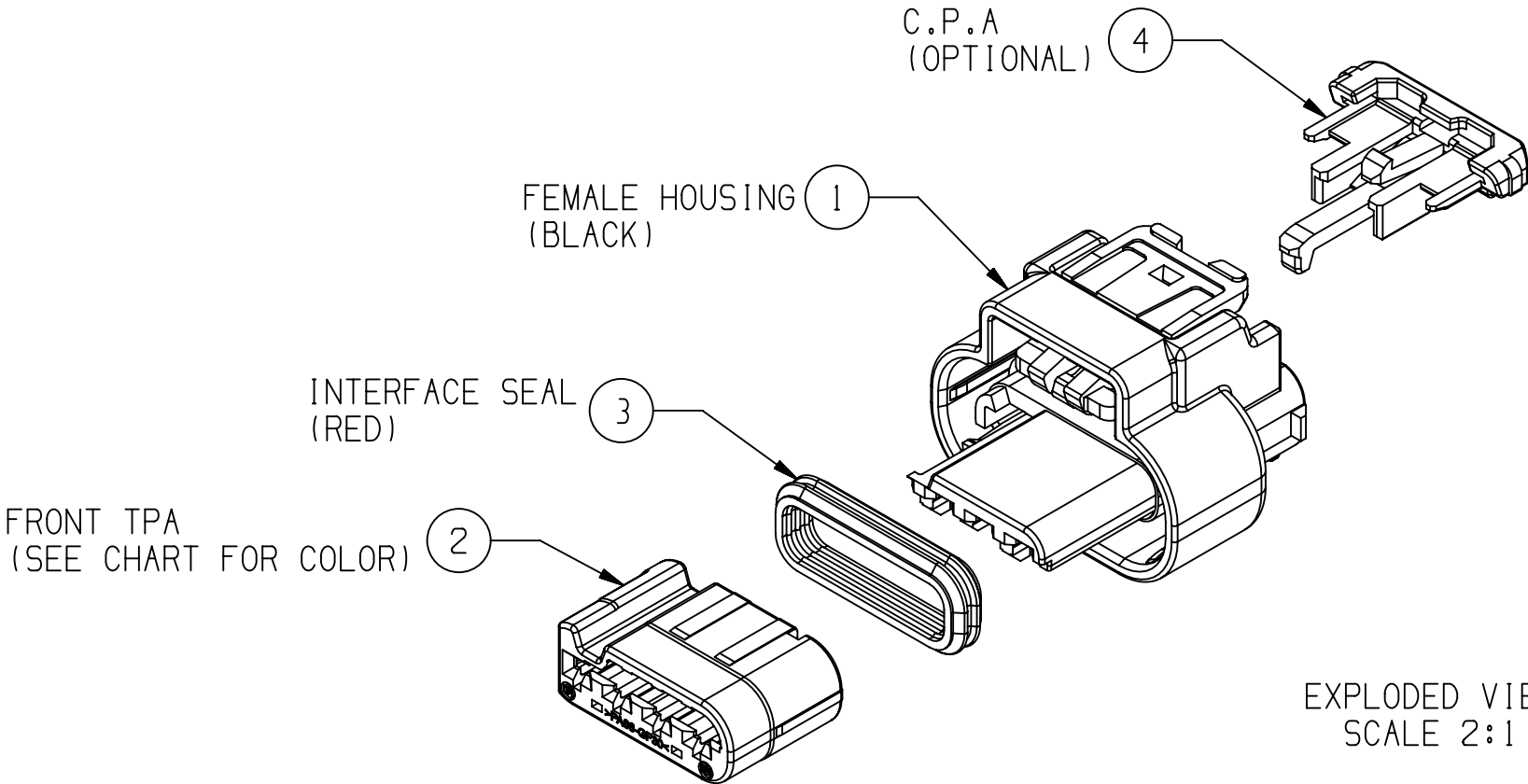
C.P.A & T.P.A IN PRE - LOCK POSITION

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

NOTES:

- TOLERANCE MUST MEET DIN ISO 2768(m)
- TEST SPECIFICATION PER : ES91500-00
- ALLOWED WIRE RANGE :
0.3mm² TO 1.25mm² (JASO WIRE)
- APPLICABLE TERMINAL : APEX1.2 FEMALE TERMINAL

SYMBOL DEFINITION			MISSING SYMBOLS	
A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL OR DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.			NO MISSING SYMBOL NUMBER	
INDICATES THE DIMENSION IS SHOWN ON THE PART DRAWING AND THE TOOL MUST BE QUALIFIED AT 80% OF THE TOLERANCE SHOWN UNLESS SUPERSEDED BY A "TBT".			LAST NO. USED	
EXPLODED VIEW SCALE 2:1				



DATE		STG		REV		N/P		CHG		ZONE		REVISION HISTORY		AUTH		DR		APVD	
050C16		R		01		-		-		-		CONVERTED DRAWING FROM PRO-E TO NX ADDED CABLE SEAL PART NUMBER				STK		JUY	
12DE16		R		02		-		-		-		ADDED DUMMY SEAL (DARK GRAY)				STK		JUY	

CABLE SEAL						
TYPE	PART NUMBER	MVL PART NUMBER	WIRE SIZE (mm ²)	INSULATION (Ø)	MATERIAL	COLOR
LONG	33513680	F310400	0.3~0.35	1.2~1.5	SILICONE RUBBER	RED
	33268526	-	0.3~0.35	1.2~1.5	FLUORO SILICONE	BLUE
	33511838	F410400	0.5~0.85	1.6~1.9		GRAY
	33513681	F599700	1.0~1.5	2.0~2.4		YELLOW
	33318273	-	0.3~0.35	1.2~1.6		BLACK
DUMMY SEAL	33318274	-	0.5~0.85	1.6~1.9	SILICONE RUBBER	GRAY
	33402443	-	-	-		WHITE
	35020635	-	-	-		DARK GRAY
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
	33366680	-	0.3~0.35	1.2~1.6		BLUE
	33366681	-	0.5~0.85	1.6~1.9	FLUORO SILICONE	GREEN
	33366679	-	1.0~1.5	1.9~2.4		BROWN

ASSOCIATED PARTS									
FEMALE TERMINAL	PART NUMBER	WIRE SIZE (mm ²)	TYP (AWG)	CRIMP SPECIFICATIONS (FOR REFERENCE ONLY)					
				CONDUCTOR			INSULATION		
				C.W	C.H	CRIMP STYLE	C.W	C.H	CRIMP STYLE
APEX 1.2	TIN	54001864	0.75 ~ 1.25	16	2.45	1.15	"B"	3.35	3.40
				18	2.05	1.20		3.35	3.10
				20	1.65	1.05	"B"	3.00	2.85
	SILVER STRIPE, SPOT	54002006	0.3 ~ 0.5	22	1.65	0.95		3.00	2.75
				16	2.45	1.15	"B"	3.35	3.40
				18	2.05	1.20		3.35	3.10
	GOLD STRIPE, SPOT	F931400	0.3 ~ 0.5	20	1.65	1.05	"B"	3.00	2.85
				22	1.65	0.95		3.00	2.75
				16	2.45	1.15	"B"	3.35	3.40
	TIN SILVER	54001863	0.75 ~ 1.25	18	2.05	1.20	"B"	3.35	3.10
				20	1.65	1.05	"B"	3.00	2.85
				22	1.65	0.95	"B"	3.00	2.75
	54001866	0.75 ~ 1.25		16	2.45	1.15	"B"	3.35	3.40
				18	2.05	1.20	"B"	3.35	3.10
				20	1.65	1.05	"B"	3.00	2.85
	54002007	0.3 ~ 0.5		22	1.65	0.95	"B"	3.00	2.75
				16	2.45	1.15	"B"	3.35	3.40
				18	2.05	1.20	"B"	3.35	3.10

TYPE	ASSEMBLY	CODING TYPE	HOUSING (BLACK)	TPA		INTERFACE SEAL (RED)	CPA (OPTIONAL) (GRAY)
				P/NO	COLOR		
WITH CPA	33218537	A	33400476	33400477	ROYAL BLUE	33400478	33219398
	33218539	B	33401043	33401044	BROWN		
	33218538	C	33401045	33401046	LIGHT GRAY		
WITHOUT CPA	33218541	D	33401047	33401048	RED		
	33218553	A	33400476	33400477	ROYAL BLUE		
	33218549	B	33401043	33401044	BROWN		
	33218547	C	33401045	33401046	LIGHT GRAY		
	33218551	D	33401047	33401048	RED		

LINE DRAWN THROUGH A PART NUMBER 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 DELPHI SALES TO ASSURE AVAILABILITY OF PARTS.	
DWG TYPE PART DRAWING	
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ALL DIMENSIONS ARE IN MILLIMETERS	
REFERENCE PCC0820218	
THIRD ANGLE PROJECTION DO NOT SCALE USE MATH DATA	

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DRAWING NAME APEX1.2 4WAY FEMALE CONNECTOR ASSY	
DRAWING NUMBER 35012431	
SIZE A0	
SCALE 5:1	
FRAME NO 1 OF 1	
SHEET NO 1 OF 1	
STG REV N/P R 02 -	

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