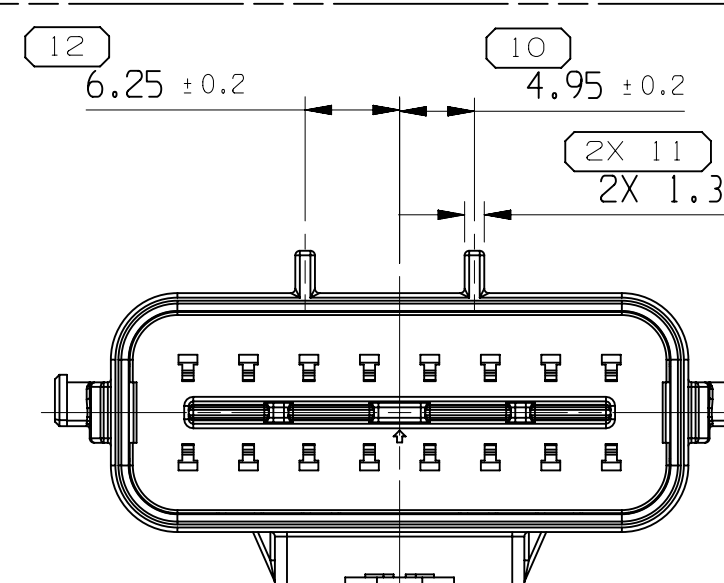
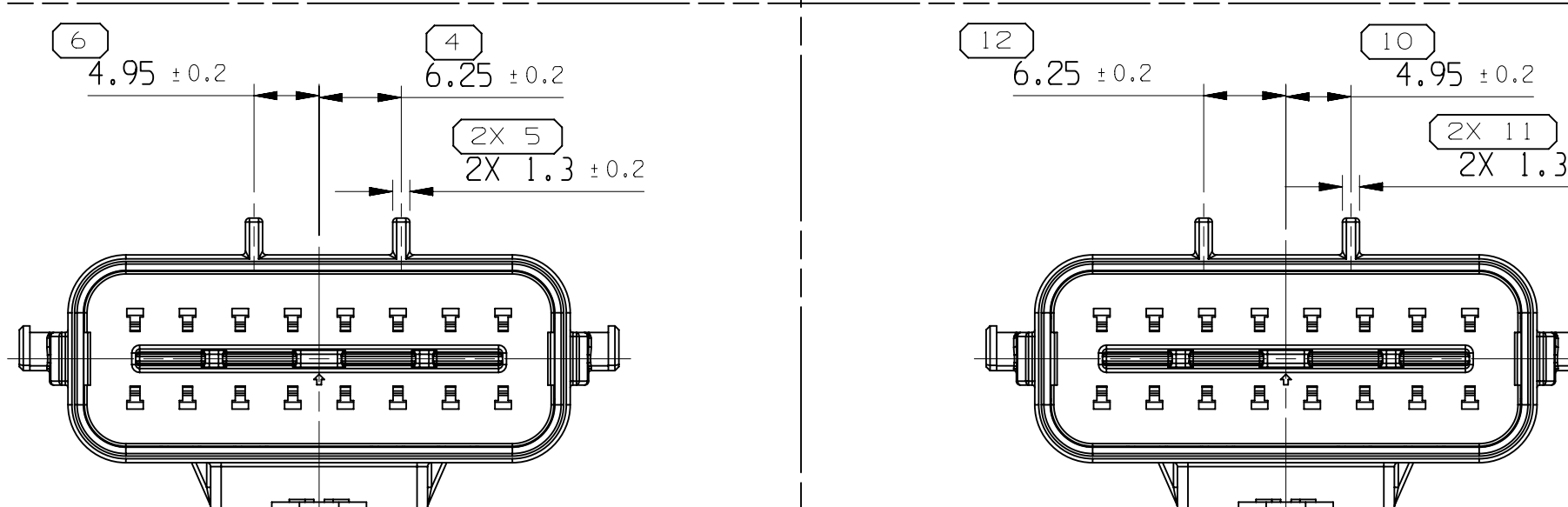
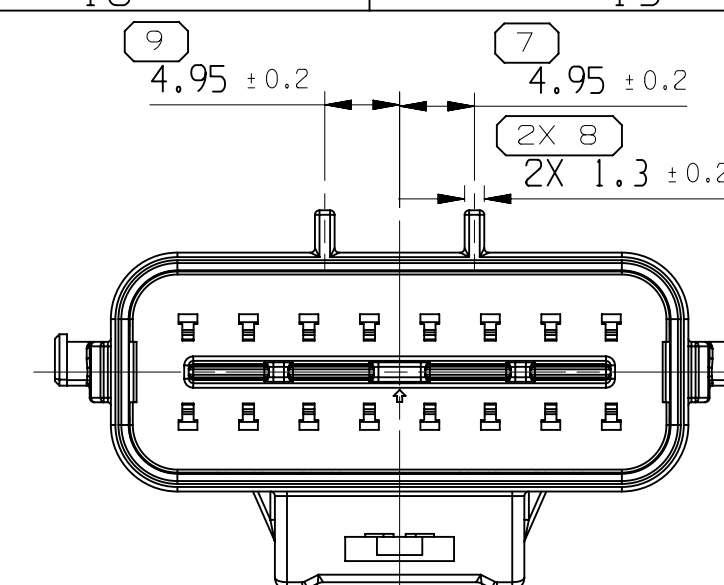
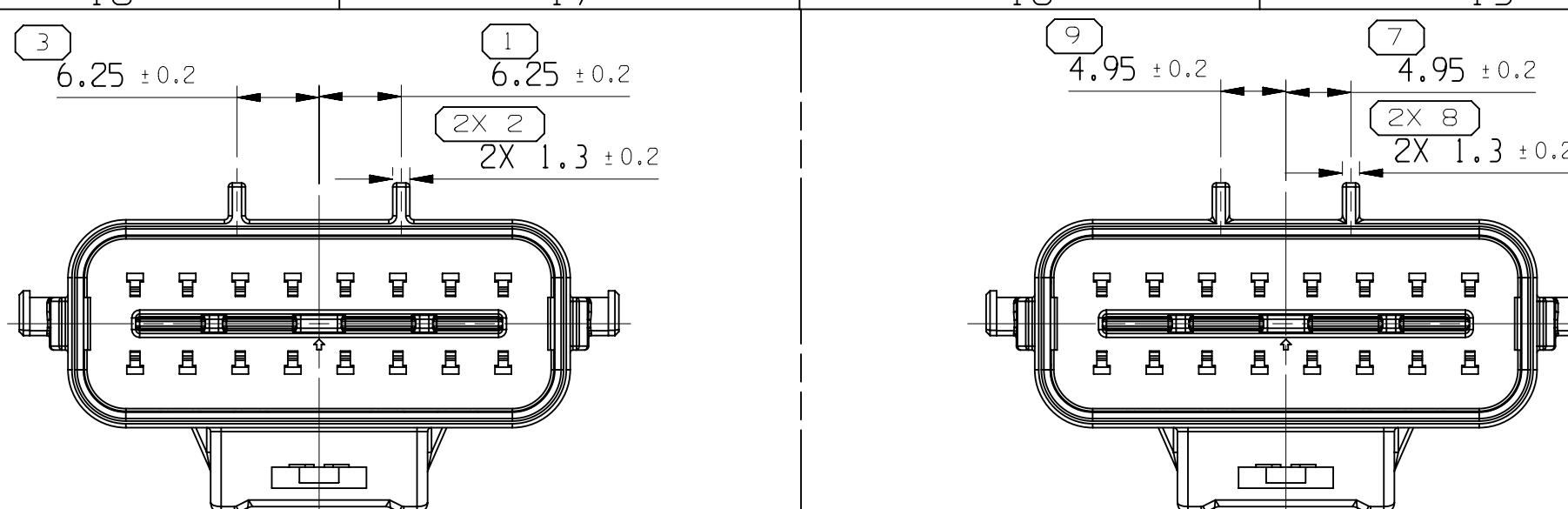
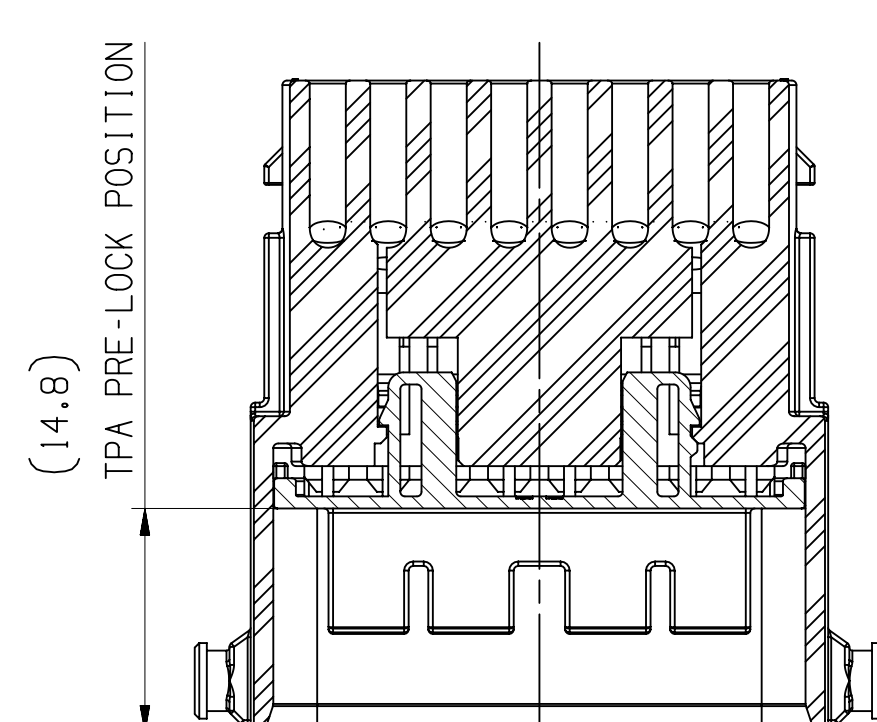
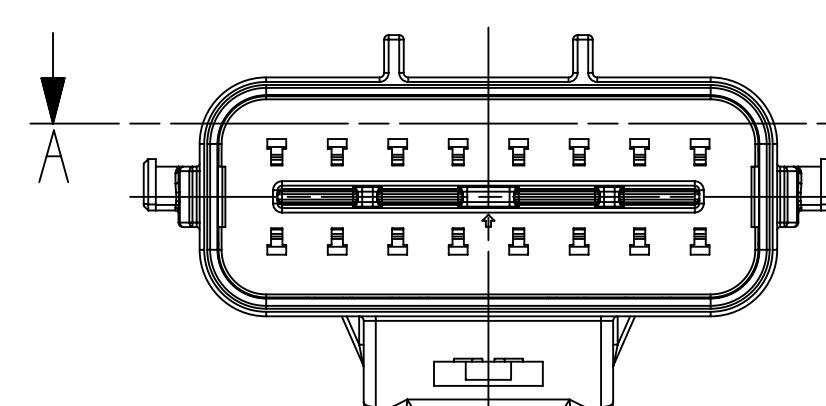




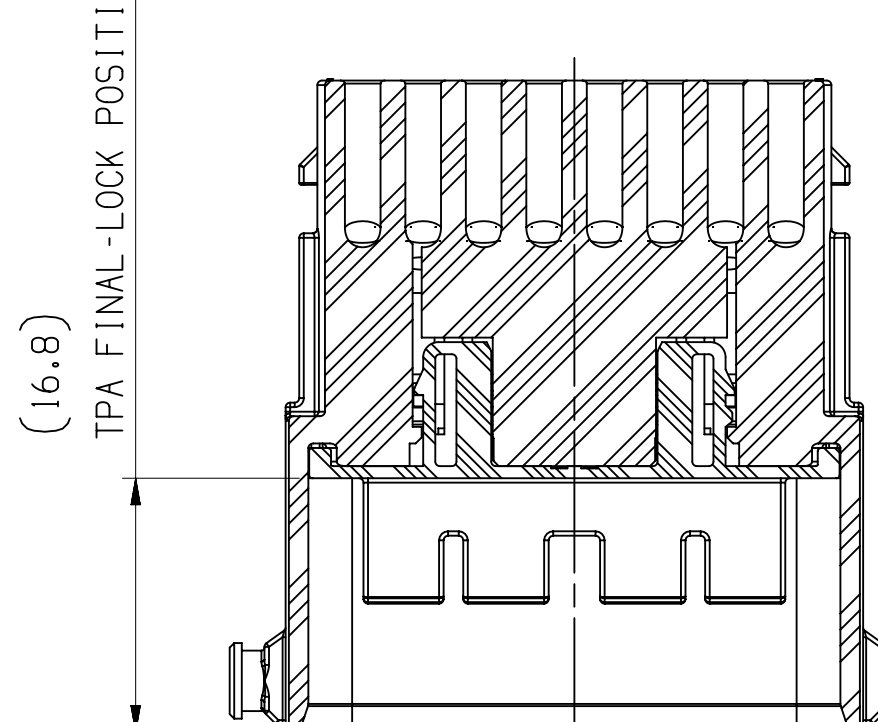
CODING OPTIONS



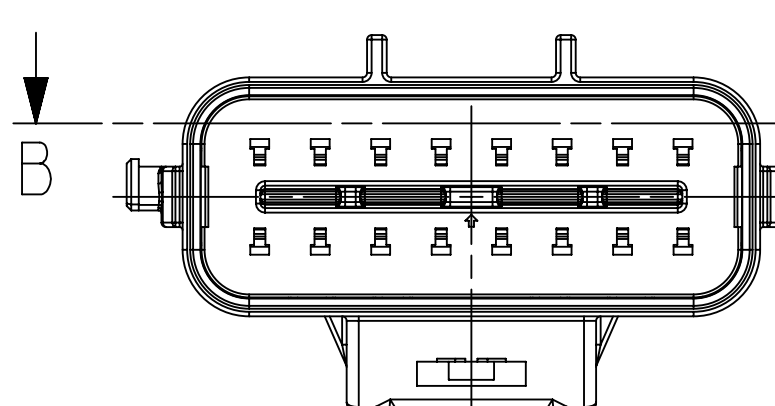
SECTION A - A



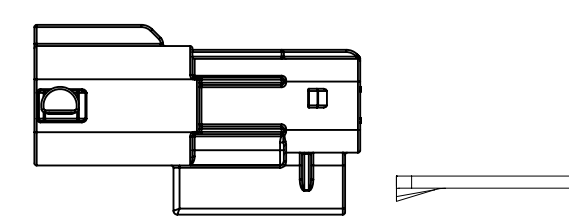
TPA IN PRE-LOCK POSITION



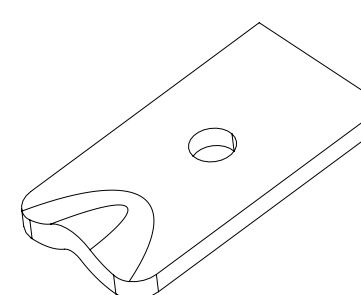
SECTION B-B



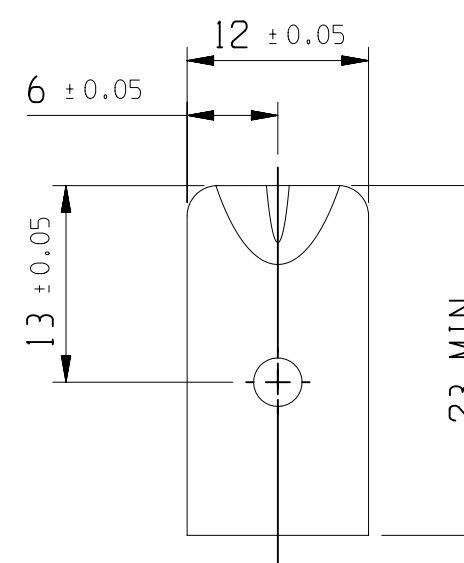
TPA IN FINAL-LOCK POSITION



BRACKET INSERTION DIRECTION

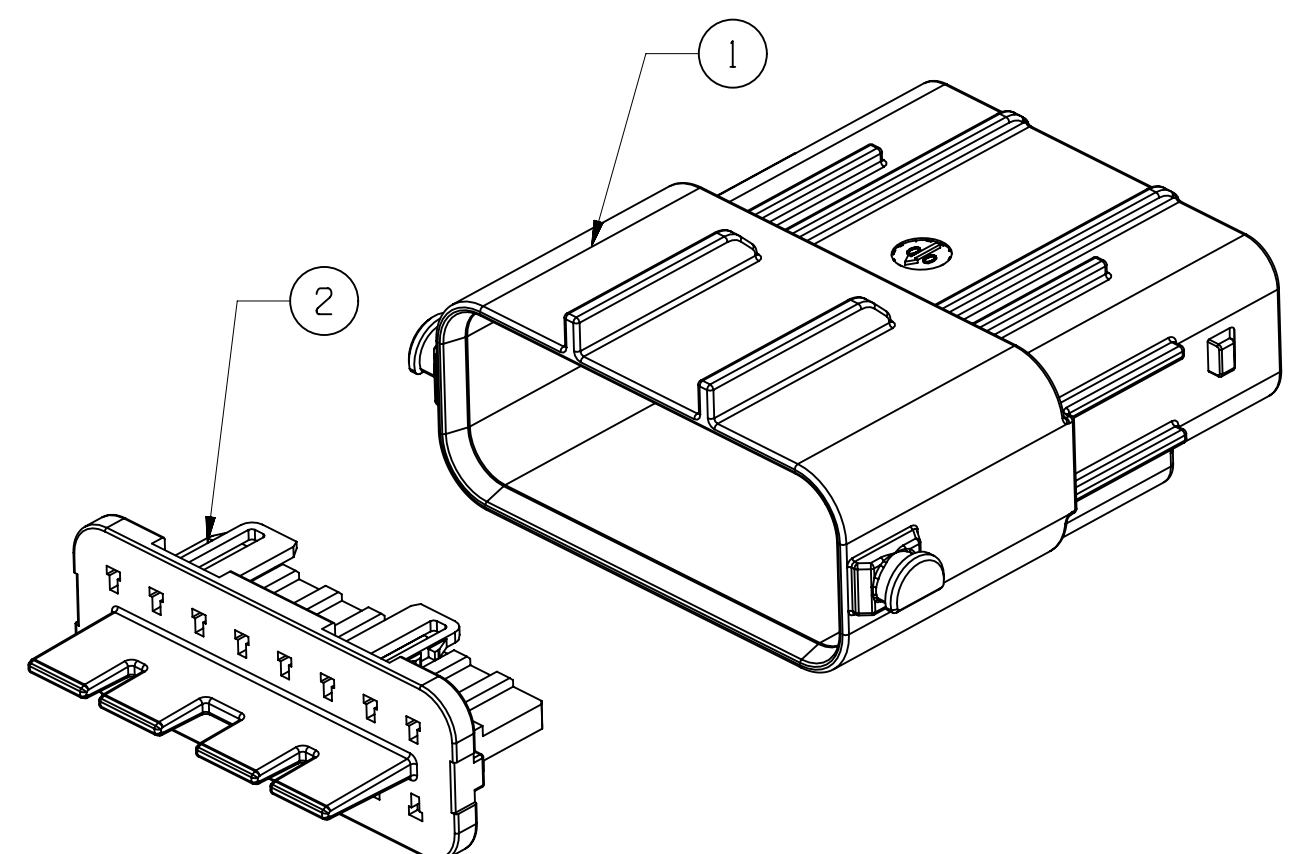


SECTION C-C

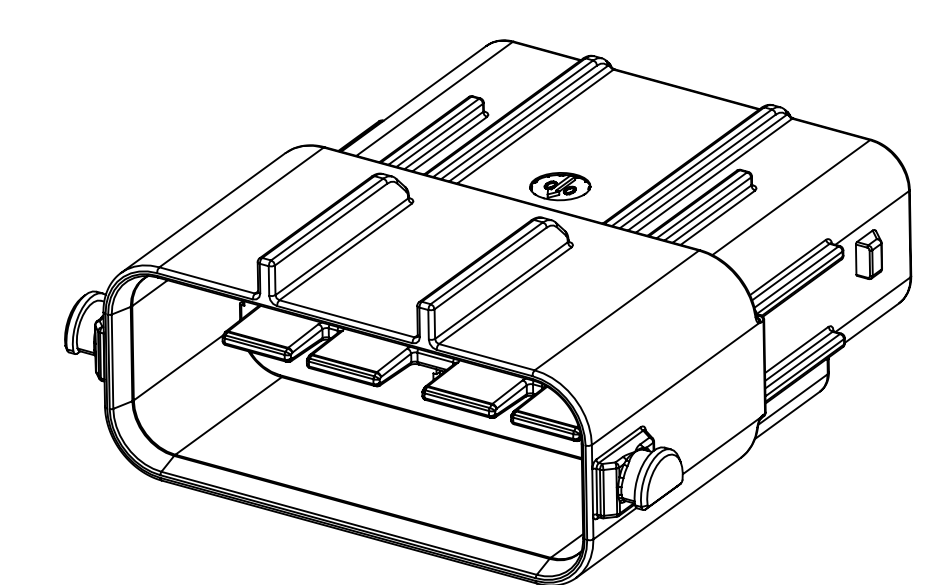


NOTES FOR BRACKET :

1. TOLERANCE MUST MEET DIN ISO 2768 (m)
2. NO BURR, SHARP EDGE.
3. THICKNESS INCLUDES ANY AFTER TREATMENTS



EXPLODED VIEW



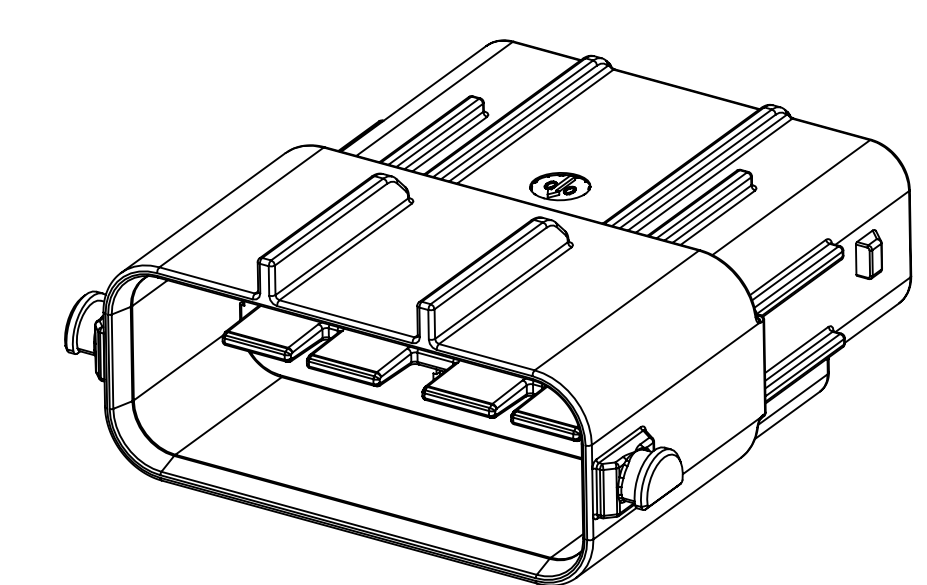
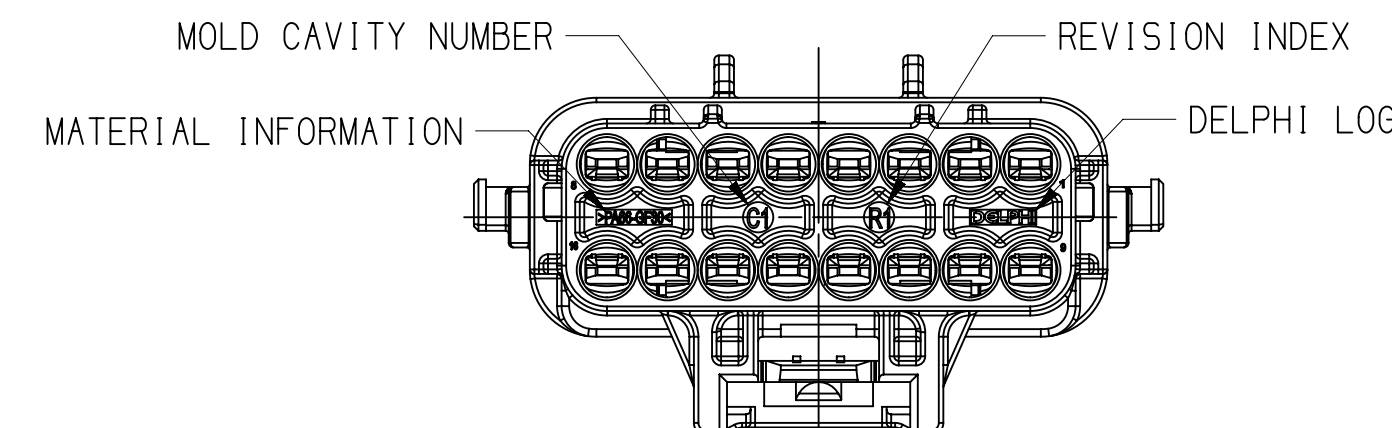
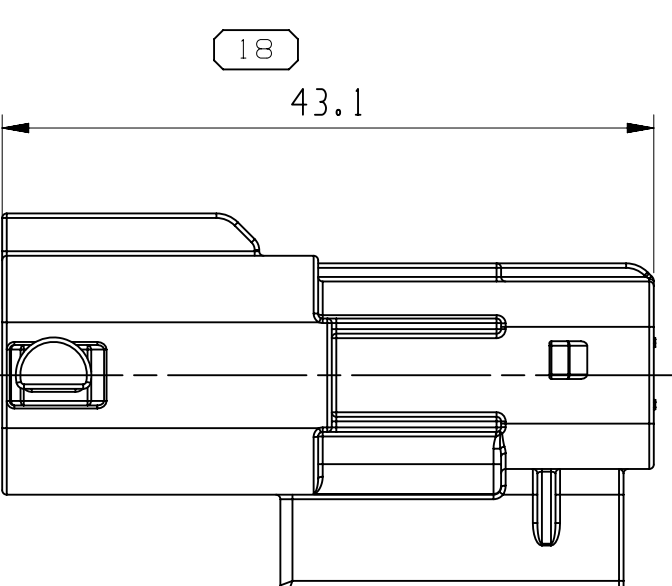
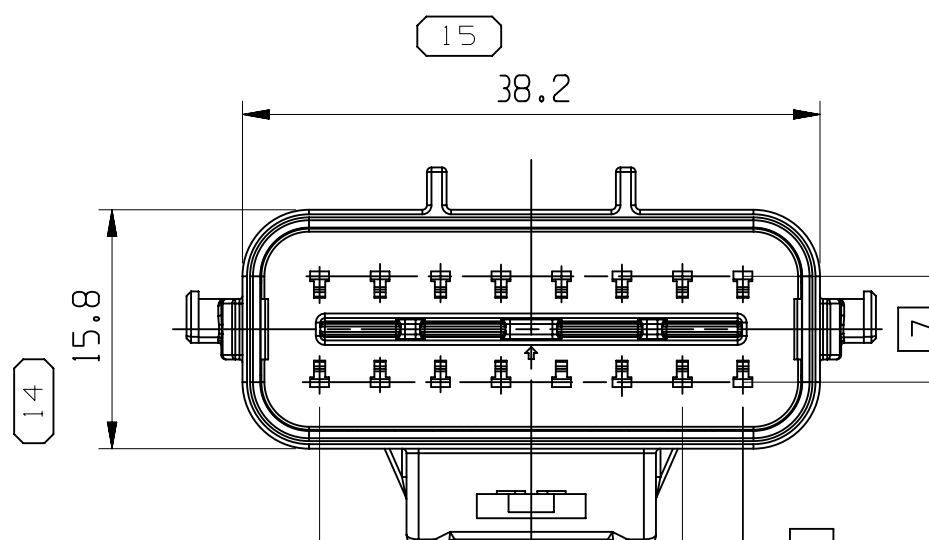
ISOMETRIC VIEW
SCALE 2:1

TERMINAL	PART NO.	CABLE SIZE (mm ²)	PLATING
APEX1.2 SEALED MALE TERMINAL	33219166	0.3-0.5	Sn
	33219167	0.75-1.25	
	33219168	0.3-0.5	Ag
	33219169	0.75-1.25	
	33219170	0.3-0.5	Au
	33219171	0.75-1.25	

CABLE SEAL					
TYPE	PART NUMBER	WIRE SIZE (mm ²)	INSULATION(Ø)	MATERIAL	COLOR
DUMMY SEAL	35020635	-	-	SILICONE RUBBER	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
LONG	33513680	0.3-0.35	1.2-1.5		RED
	33511838	0.5-0.85	1.6-1.9		GRAY
	33513681	1.0-1.5	2.0-2.4		YELLOW

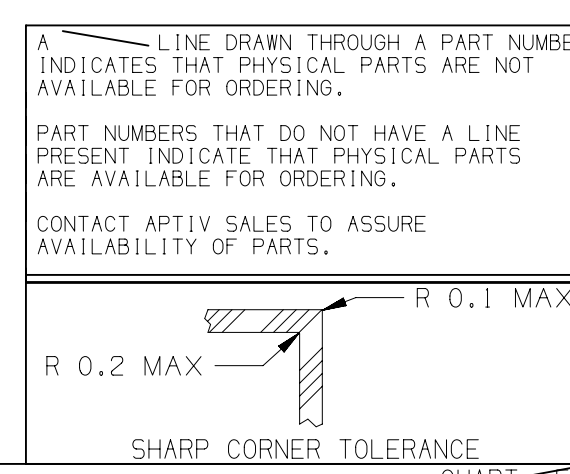
CODING	TYPE	REP.	PART NUMBER	DESCRIPTION	QTY.	MATERIAL	COLOR	REMARK
A TYPE	ASSEMBLY	-	35110818	APEX 1.2 SEALED MALE CONNECTOR CODE A	-	-	-	
	MALE HOUSING	1	35110828	APEX 1.2 MALE HOUSING CODE A	1	PA66 GF30	BLACK	
	TPA	2	35110835	APEX 1.2 MALE TPA	1	PA66 GF30	BLUE	
B TYPE	ASSEMBLY	-	35110819	APEX 1.2 SEALED MALE CONNECTOR CODE B	-	-	-	
	MALE HOUSING	1	35110829	APEX 1.2 MALE HOUSING CODE B	1	PA66 GF30	DARK GRAY	
	TPA	2	35110835	APEX 1.2 MALE TPA	1	PA66 GF30	BLUE	
C TYPE	ASSEMBLY	-	35110820	APEX 1.2 SEALED MALE CONNECTOR CODE C	-	-	-	
	MALE HOUSING	1	35110830	APEX 1.2 MALE HOUSING CODE C	1	PA66 GF30	BROWN	
	TPA	2	35110835	APEX 1.2 MALE TPA	1	PA66 GF30	BLUE	
D TYPE	ASSEMBLY	-	35110821	APEX 1.2 SEALED MALE CONNECTOR CODE D	-	-	-	
	MALE HOUSING	1	35110831	APEX 1.2 MALE HOUSING CODE D	1	PA66 GF30	LIGHT GRAY	
	TPA	2	35110835	APEX 1.2 MALE TPA	1	PA66 GF30	BLUE	

DRAWING NUMBER							
35110823							
SIZE	SCALE	FRAME NO	SHEET NO	STG	REV	N/A	
A2x3	2:1	2 OF 1	1 OF 1	R	02	-	



- NOTES:
1. NOT SPECIFIED TOLERANCE : ISO 2768 (m)
 2. MUST BE FREE OF CRACK, FLOW MARK, FLASH, BURR ETC
THAT AFFECT FUNCTION OF PRODUCT
 3. MUST MEET HMC SPEC ES91500-00, UNLESS OTHERWISE
SPECIFIED TO VENDOR SPECIFICATION
 4. REFERENCE MATING COMPONENTS OR EQUIVALENT CONNECT
35110814, 35110815, 35110816, 35110817
 5. APPLICABLE DRESS COVER PART NO : 35342505
 6. FOR APPLICATION DATA SEE THE INDIVIDUAL APPLICATION DRAWINGS.

DIN ISO 2768	Tolerance Class Medium (m)						
Linear Dimensions except for broken edges	Permissible deviations for basic size range (mm)						
	0.5 * 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
	±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 * up to 3	over 3 up to 6			over 6		
	±0.2	±0.5			±1		
	Permissible deviations for ranges of lengths, in mm, of the shorter side of the angle concerned						
Angular dimensions	up to 10	over 10 up to 50	over 50 up to 120		over 120 up to 400		over 400
	±1°	±0° 30'	±0° 20'		±0° 10'		±0° 5'
* For nominal sizes below 0.5mm, the deviations shall be indicated adjacent to the relevant nominal size(s).							



		SPRINT CORNER TOLERANCE									
☐ DIM TO CHECK	DIMENSIONAL RANGE (MM)	CHART "E"									
	FROM TO	> 0	> 20	> 30	> 70	> 100	> 150	> 200	> 250	> 300	> 400
☐ DIM FOR HELP		0	20	30	70	100	150	200	250	300	400
TOLERANCE UNLESS OTHERWISE SPECIFIED											
☐ THEORETIC DIM		±0.15	±0.2	±0.3	±0.4	±0.5	±0.6	±0.8	±1	±1.2	
ANGULAR TOLERANCE ±2°											

TWO-TYP PART DRAWING		DISTR CODE
NEIGHT (GR)		D
VOLUME (CM)		
ROUTING		
UNLESS OTHERWISE SPECIFIED		
GENERAL TOLERANCES ACCORDING TO: SEE TABLE		
GD&T ACCORDING TO: ASME Y 14.5-2009		
REFERENCE		
THIRD ANGLE PROJECTION		
 		
DO NOT SCALE USE DATA		
 		

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						DATE	
DR KIM, BEOM-KYU						19JUL17	
APVD1 KIM, BEOM-KYU						19JUL17	
APVD2 SEO, JU-WON						19JUL17	
APVD3 PARK, JOO-HYUN						19JUL17	
APVD4							
APVD5							
SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER APTIV 10949001							
MATERIAL							
SEE NOTES							
DRAWING NAME							
ASM CONN 16 M APEX 1:2 SLD							
DRAWING NUMBER							
35110823							
SIZE		SCALE		FRAME NO		SHEET NO	
A2x3		2:1		1 OF 1		1 OF 1	
						STS	
						REV	
						N/P	
						02	