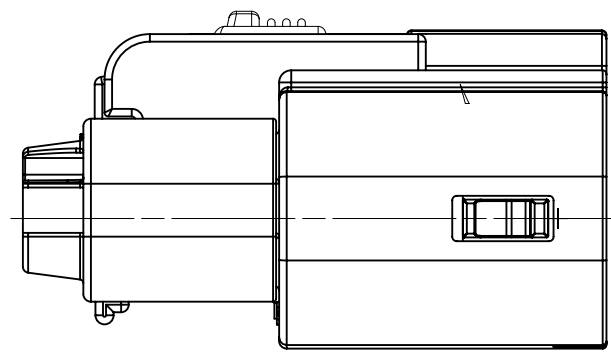
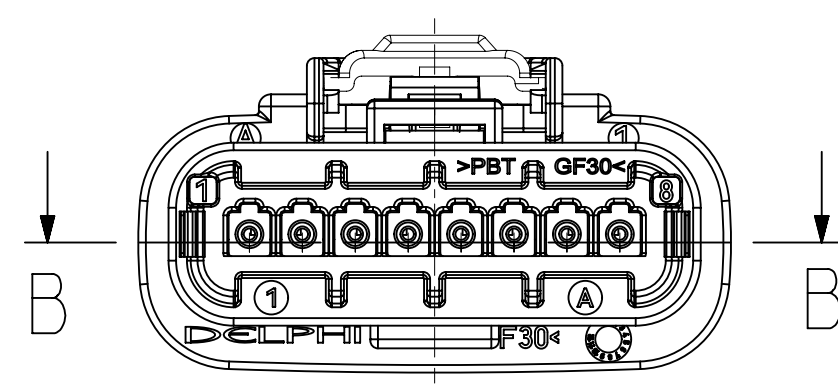
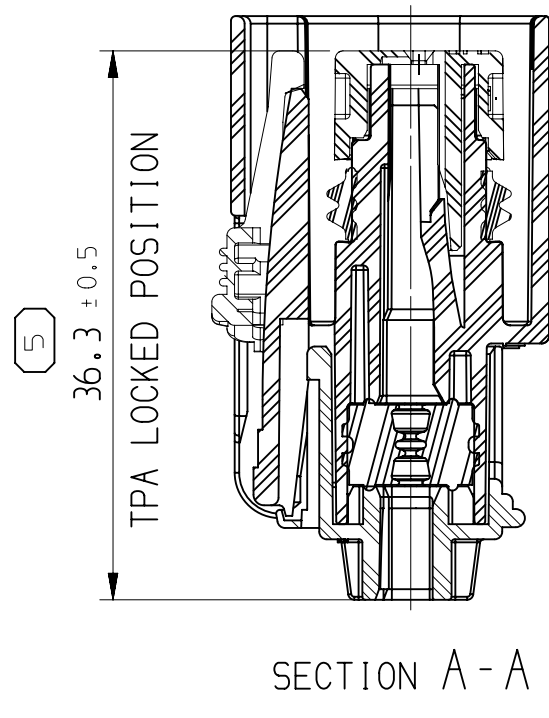
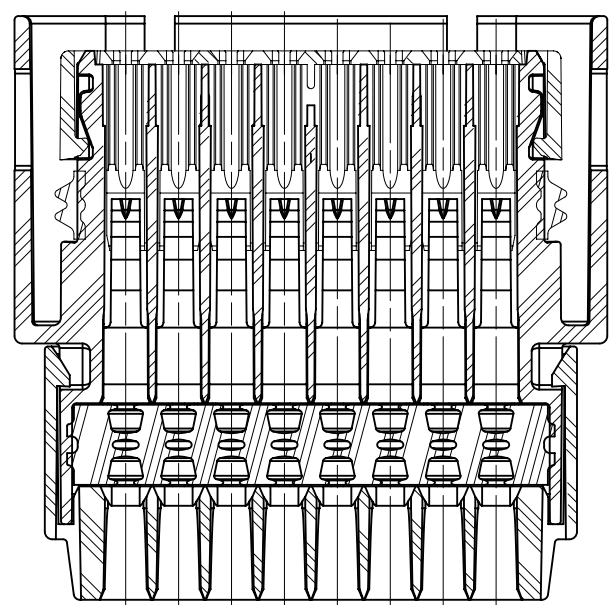
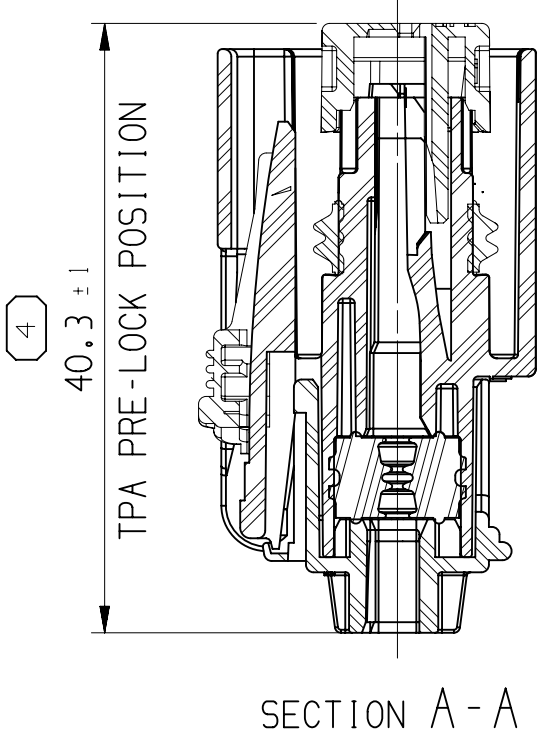
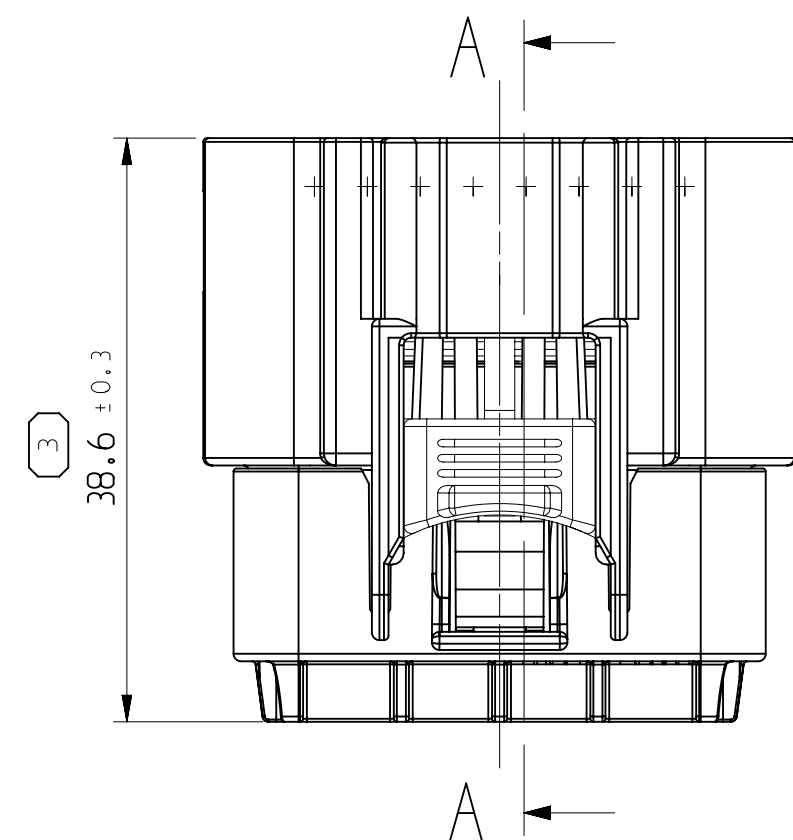
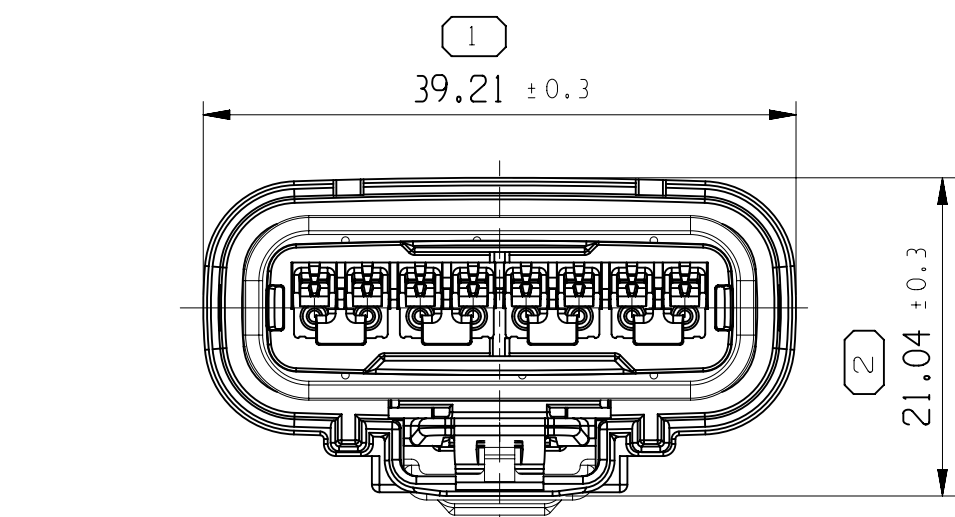
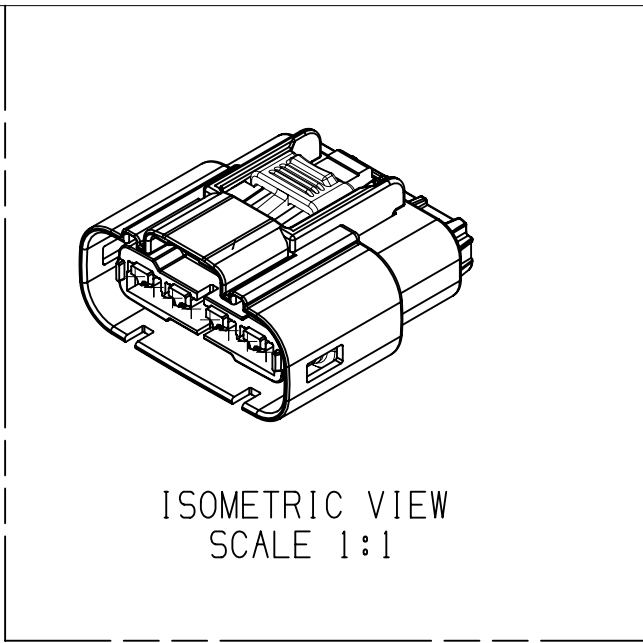
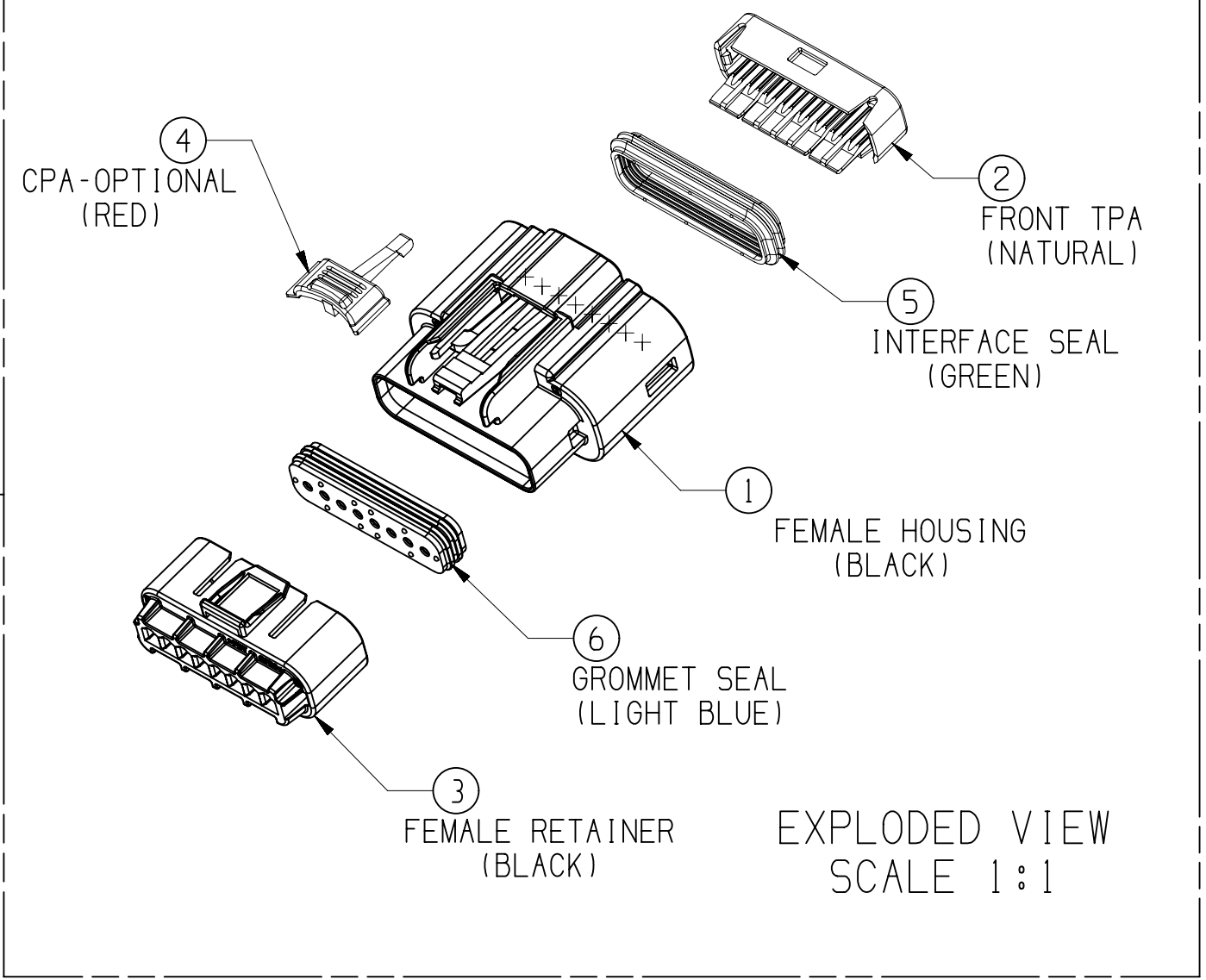


3				2				1			
DWG STATUS				REVISION HISTORY				AUTH		DR	APVD
DATE	STG	REV	N/P/CHG	ZONE							
23AP18	R	01	-	-	REDRAWN IN NX				443472	KDH	SJW
										PJH	APVD 2

SYMBOL DEFINITION			MISSING SYMBOLS	
A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.	TOTAL NO OF INSPECTIONS REQUIRED	5	NO MISSING SYMBOL NUMBER	
	LAST NO. USED	5		



- NOTES:
1. MAXIMUM TEMPERATURE CLASS: CLASS 1 (125° C)
 2. TEST METHOD PER: ES91500-00 Rev L,
 3. ALLOWED WIRE SIZE RANGE: 0.3mm² to 1.25mm² (JASO WIRE)
 4. CONNECTOR MAY BE USED WITH THE FOLLOWING TERMINALS: DELPHI APEX 150 WITH WIRE SIZES DEFINED IN NOTE 3:
 5. ANNUAL QUALITY REQUIREMENTS: IT IS PERMISSIBLE TO PERFORM CONTINUOUS CONFORMANCE PER DELPHI SPECIFICATION.
 6. FOR APPLICATION DATA SEE THE INDIVIDUAL APPLICATION DRAWINGS.

TYPE	ASSEMBLY P/N		① FEMALE HOUSING (BLACK)			② FEMALE TPA (NATURAL)			③ FEMALE RETAINER (BLACK)			④ FEMALE CPA - OPTIONAL (RED)			⑤ INTERFACE SEAL (GREEN)			⑥ GROMMET SEAL (LIGHT BLUE)		
	MVL	DELPHI	MVL	DELPHI	MATERIAL	MVL	DELPHI	MATERIAL	MVL	DELPHI	MATERIAL	MVL	DELPHI	MATERIAL	MVL	DELPHI	MATERIAL	MVL	DELPHI	MATERIAL
W/O CPA	F804500	33503455	S007800	33512472	PBT GF30	S307800	33512534	PBT GF30	S107800	33512511	PBT GF30	S4241679	33511970	PA66 GF35	C407800	33516123	SILICONE RUBBER	C607800	33516174	SILICONE RUBBER
WITH CPA	F896800	35060402																		

ASSOCIATED PARTS							
FEMALE TERMINALS		PART NUMBER	WIRE SIZE (mm²)	TYPE	PART NUMBER	WIRE SIZE (mm²)	TYPE
Apex150	Tin plating	54002000	0.3 - 0.5	0.8 X 1.5	-	0.3 - 0.5	0.8 X 1.5
	Gold plating	54002002			-		
	Tin plating	54001625	0.75 - 1.25	0.8 X 1.5	-	0.75 - 1.25	0.8 X 1.5
	Gold plating	54001627			-		
CAVITY PLUG FOR Apex150		54241629	CAVITY PLUG (0.3 - 1.25 SQmm)		-	-	
DESCRIPTION		DELPHI PART NUMBER			CUSTOMER PART NUMBER		

DIN ISO 2768		Tolerance Class medium (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	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 *1 up to 3	over 3 up to 6				over 6	
		±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 50	over 50 up to 120	over 120 up to 400	over 400		
		±1°	±0° 30'	±0° 20'	±0° 10'	±0° 5'		
*1) For nominal sizes below 0.5mm, the deviations shall be indicated adjacent to the relevant nominal size(s).								

DIMENSIONAL RANGE (MM)		TOLERANCE UNLESS OTHERWISE SPECIFIED									
FROM	TO	> 0	> 20	> 30	> 70	> 100	> 150	> 200	> 250	> 300	> 400
1	1	±0.15	±0.2	±0.3	±0.4	±0.5	±0.6	±0.8	±1	±1.2	±1.5
ANGULAR TOLERANCE		±2°									

DWG. TYP		PART DRAWING	
WEIGHT (GR)		DISTR CODE	D
VOLUME (CM ³)			
ROUTING			

UNLESS OTHERWISE SPECIFIED

GENERAL TOLERANCES ACCORDING TO: SEE CHART

GD&T ACCORDING TO: ASME Y14.5M-1994

REFERENCE		THIRD ANGLE PROJECTION	
ALL DIMENSIONS ARE IN MILLIMETERS		DO NOT SCALE	
		USE MATH DATA	

• APTIV •

CONNECTION SYSTEMS
Chennai, India
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DR	KIM, DO-HYEOUNG	DATE	23AP18
APVD1	SEO, JOO-WON		23AP18
APVD2	PARK, JOO-HYUN		23AP18
APVD3			
APVD4			
APVD5			
SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER APTIV 10949001			
MATERIAL			
SEE TABLE			
DRAWING NAME			
APEX150 8WAY FEMALE SEALED CONNECTOR			
DRAWING NUMBER			
35208532			
SIZE	A1	SCALE	2:1
FRAME NO	1 OF 1	SHEET NO	1 OF 1
STG	R	REV	01
N/P	-		

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