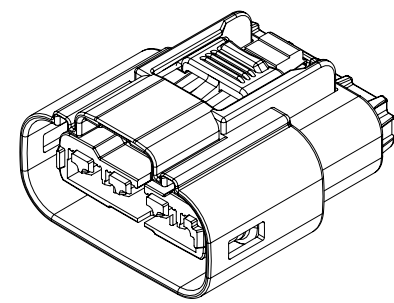
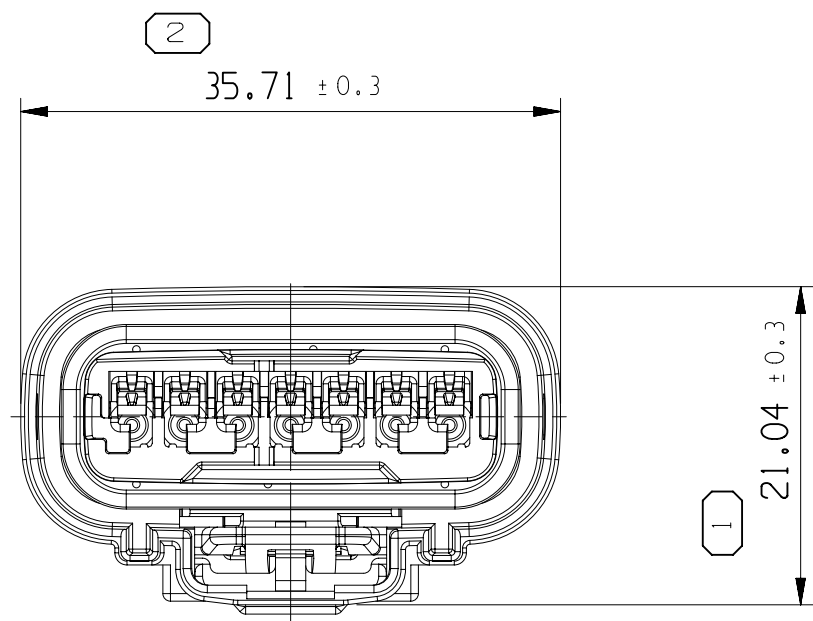
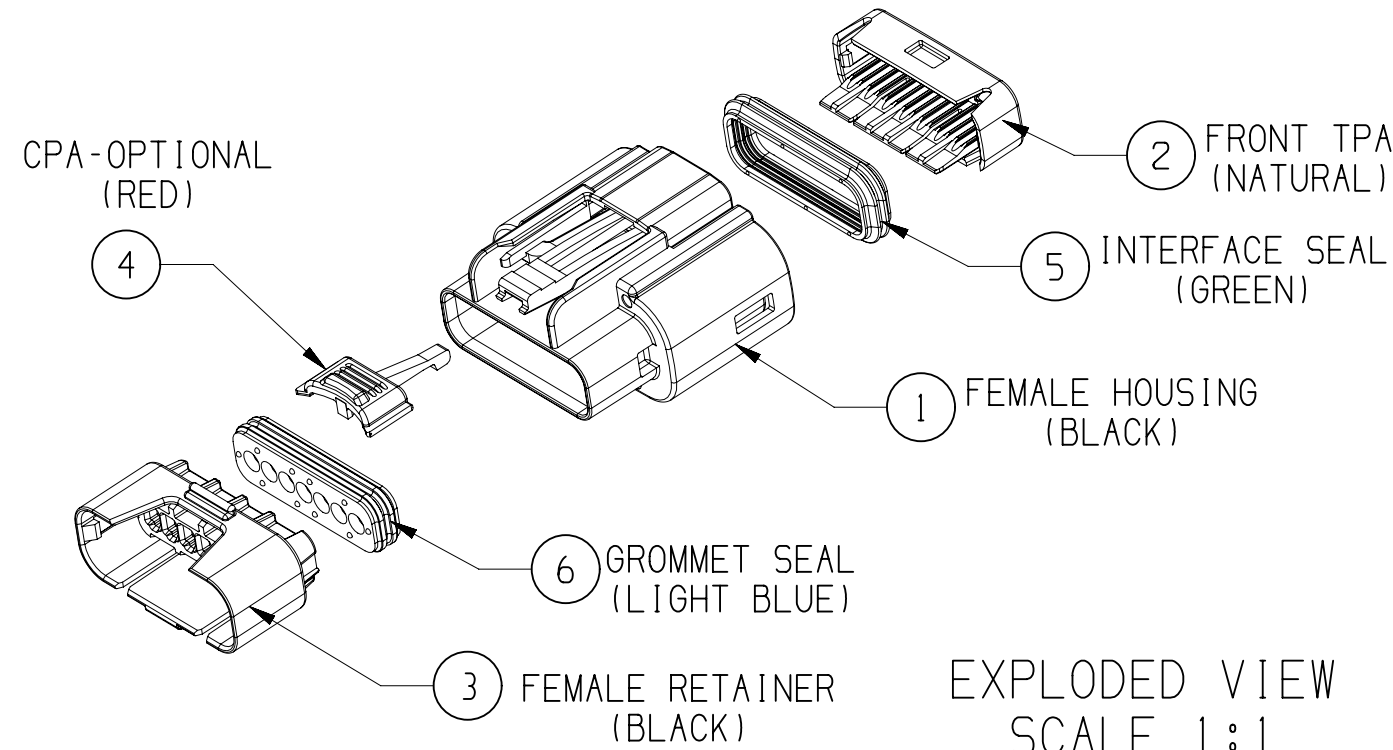


SYMBOL DEFINITION			MISSING SYMBOLS	
A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL  DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.		TOTAL NO OF INSPECTIONS REQUIRED	NO MISSING SYMBOL NUMBER	
		LAST NO. USED		
		5		
		5		

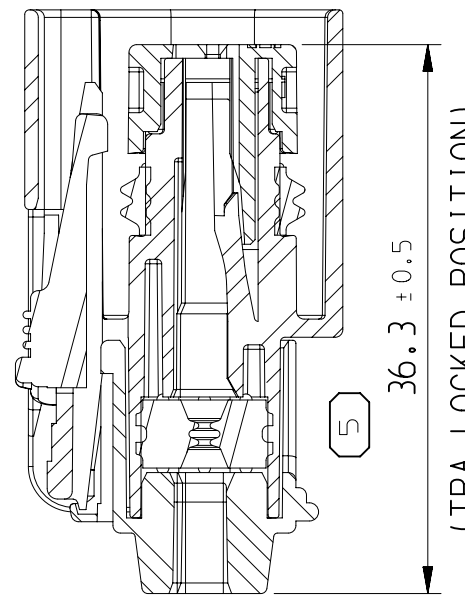
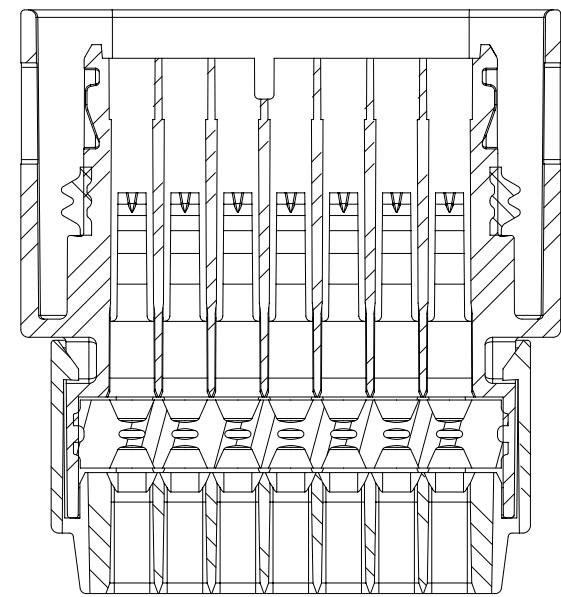
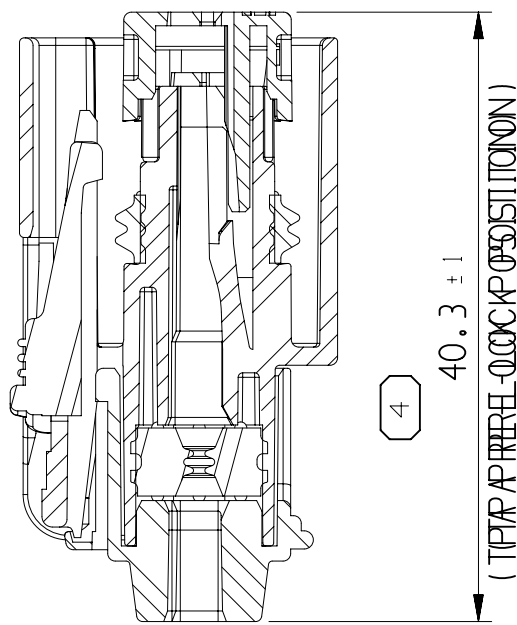
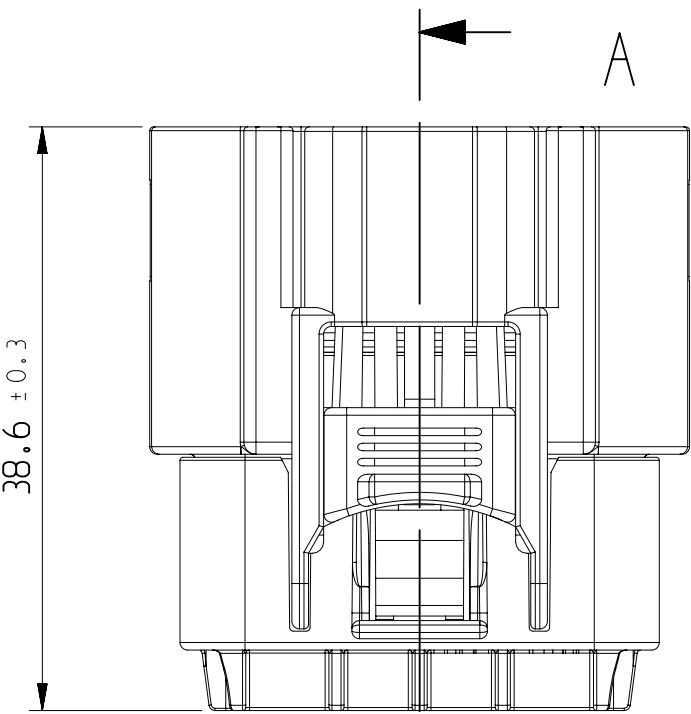
DWG STATUS				ZONE		REVISION HISTORY		AUTH	DR	APVD 1	APVD 2
DATE	STG	REV	N/P	CHG							
23AP18	R	01	-	-		REDRAWN IN NX			KDH	SJW	PJH



ISOMETRIC VIEW
SCALE 1:1



EXPLODED VIEW
SCALE 1:1



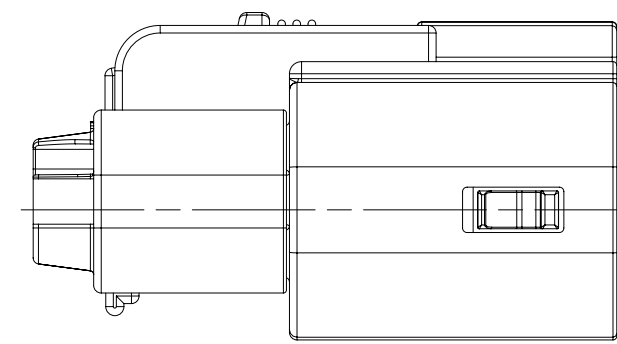
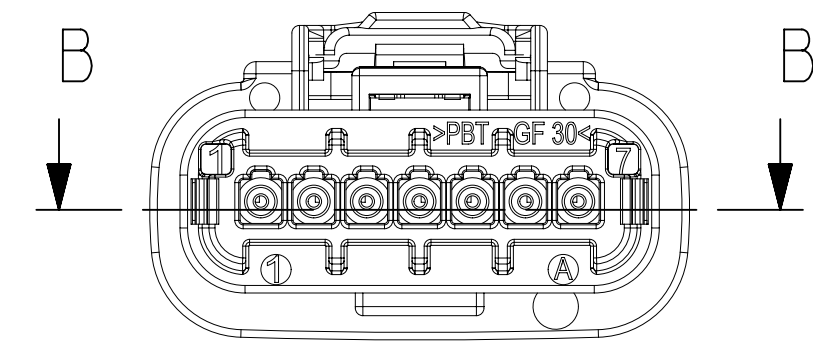
SECTION A-A

SECTION B-B

DETAIL C

CPA & TPA IN PRE-LOCK POSITION

CPA & TPA IN FINAL POSITION



NOTES:

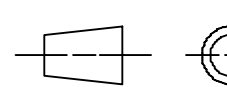
1. MAXIMUM TEMPERATURE CLASS: CLASS I I I (125° C)
2. TEST METHOD PER: ES91500-00 Rev L,
3. ALLOWED WIRE SIZE RANGE: 0.3mm² to 1.25mm² (JASO WIRE)
4. CONNECTOR MAY BE USED WITH THE FOLLOWING TERMINALS:
DELPHI APEX 150 WITH WIRE SIZES DEFINED IN NOTE 3:
5. ANNUAL QUALITY REQUIREMENTS:
IT IS PERMISSIBLE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

TYPE	ASSEMBLY P/NO		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)		
			P/NO		MATERIAL	P/NO		MATERIAL	P/NO		MATERIAL	P/NO		MATERIAL	P/NO		MATERIAL	P/NO		MATERIAL
W/O CPA	MVL	DELPHI	MVL	DELPHI		MVL	DELPHI		MVL	DELPHI		MVL	DELPHI		MVL	DELPHI		MVL	DELPHI	
	F754000	13947887	S309100	33522892	PBT GF 30	S409100	33522325	PBT GF 30	S509100	33522326	PBT GF 30	-	-	PA66 GF 35	C609100	33522650	SILICONE RUBBER	C709100	33522729	SILICONE RUBBER
WITH CPA	TBD	TBD										54241679	33511970							

ASSOCIATED PARTS								DIN ISO 2768		Tolerance Class medium (m)				
FEMALE TERMINALS		PART NUMBER	WIRE SIZE (mm ²)	TYPE	PART NUMBER	WIRE SIZE (mm ²)	TYPE	Linear Dimensions except for broken edges	Permissible deviations for basic size range (mm)					
Apex150	Tin plating	54002000	0.3 - 0.5	0.8 X 1.5	-	0.3 - 0.5	0.8 X 1.5	Broken edges (radii, chamfers)	0.5 *) up to 3	over 3 up to 6	over 6 up to 30	over 30 up to 120	over 400 up to 1000	
	Gold plating	54002002			-				-	-	-	-	-	-
	Tin plating	54001625	-	-	-	-	-		-	-	-	-	-	
	Gold plating	54001627	-	-	-	-	-	-	-	-	-	-	-	
CAVITY PLUG FOR Apex150		54241629	CAVITY PLUG (0.3 - 1.25 SQmm)		-	-		Angular dimensions	up to 10	over 10 up to 50	over 50 up to 120			
DESCRIPTION		DELPHI PART NUMBER		CUSTOMER PART NUMBER		*) For nominal sizes below 0.5mm, the deviations shall be indicated adjacent to the relevant nominal size(s).								

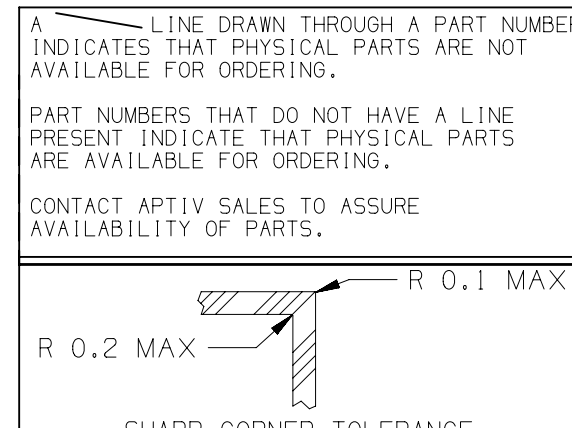
<

*1 For nominal sizes below 0.5mm, the deviations shall be indicated adjacent to the relevant nominal size(s).

DWG. TYP PART DRAWING		DISTR CODE 
WEIGHT (GR)		
VOLUME (CM³)		
ROUTING		
UNLESS OTHERWISE SPECIFIED		
GENERAL TOLERANCES ACCORDING TO:		
GD&T ACCORDING TO:		
REFERENCE ALL DIMENSIONS ARE IN MILLIMETERS		
FIRST ANGLE PROJECTION		
		
DO NOT SCALE		
USE MATH DATA		

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DR	KIM, DO-HYEOUNG
APVD1	SEO, JU-WON
APVD2	PARK, JOO-HYUN
APVD3	
APVD4	
APVD5	
SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER APTIV 10949001	
MATERIAL	
SEE NOTES	
DRAWING NAME APEX150 7WAY FEMALE SEALED CONNECTOR	
DRAWING NUMBER 35208531	
SIZE	A1
SCALE	5:1
FRAME NO	1 OF 1
SHEET NO	1 OF 1
STG	R
REV	01
N/P	-

DIMENSIONAL RANGE (MM)		TOLERANCE UNLESS OTHERWISE SPECIFIED	
FROM	TO	±0.15	±0.2
> 0	> 20	±0.3	±0.4
> 20	> 30	±0.5	±0.6
> 30	> 40	±0.6	±0.8
> 40	> 50	±0.8	±1
> 50	> 60	±1	±1.2
> 60	> 70	±1.2	±1.5
> 70	> 80	±1.5	±2
> 80	> 90	±2	±2.5
> 90	> 100	±2.5	±3
> 100	> 150	±3	±4
> 150	> 200	±4	±5
> 200	> 250	±5	±6
> 250	> 300	±6	±8
> 300	> 400	±8	±10



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