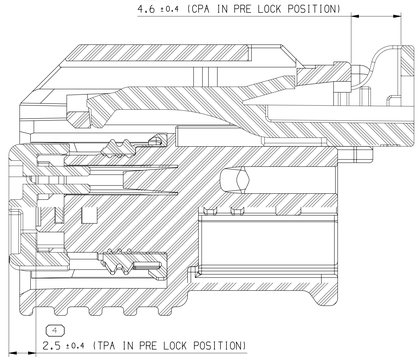
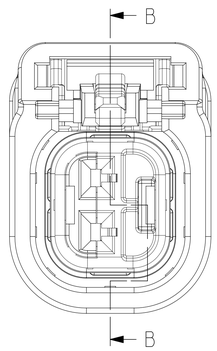


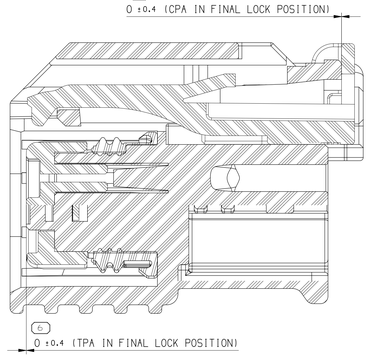
CPA AND TPA IN PRELOCK CONDITION



SECTION A - A



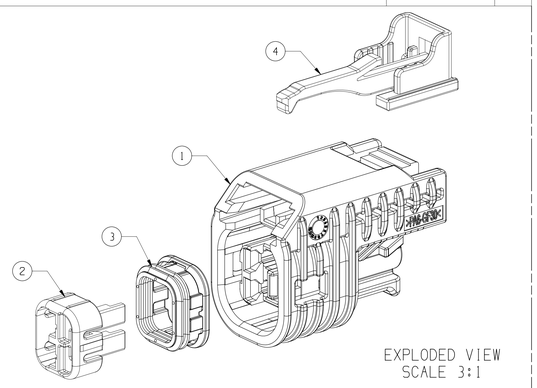
CPA AND TPA IN FINAL LOCK CONDITION



SECTION B - B

SYMBOL DEFINITION

A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL (7) DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.	TOTAL NO OF INSPECTIONS REQUIRED	7
	LAST NO. USED	7

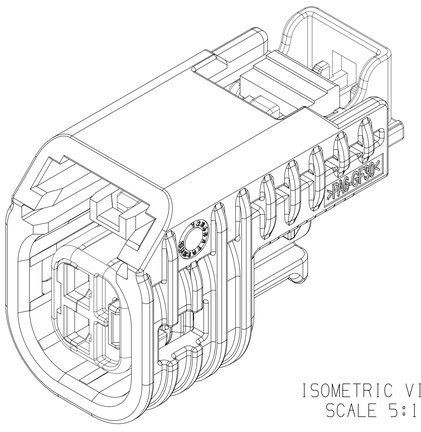


EXPLODED VIEW
SCALE 3:1

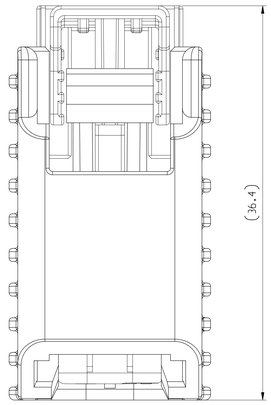
MISSING SYMBOLS

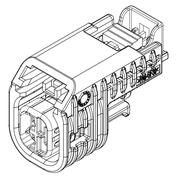
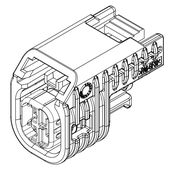
NO MISSING SYMBOL NUMBER

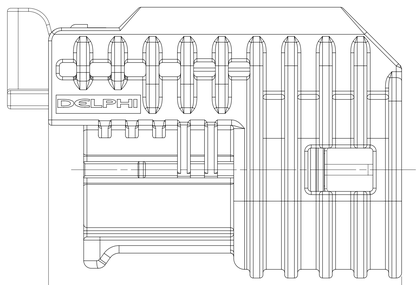
DWG STATUS DATE	STG	REV	N/P	CHG	ZONE	REVISION HISTORY	AUTH	DR	APVD1	APVD2
20SE18	R	01	-	-		INITIAL RELEASE	441039	PKH	SJW	PJH
18AP19	R	02	-	-		ADDED PART NUMBER (Without CPA) UPDATED TABLE	193660	PKH	SJW	PJH

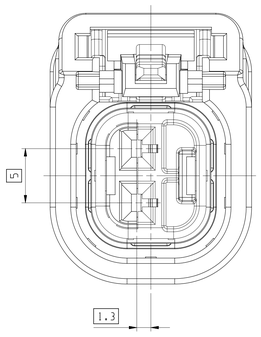


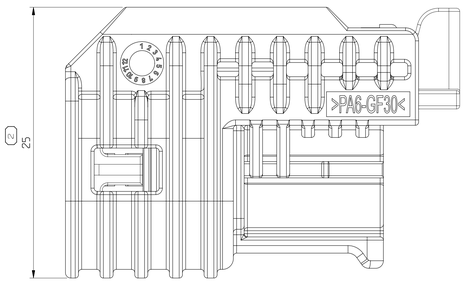
ISOMETRIC VIEW
SCALE 5:1

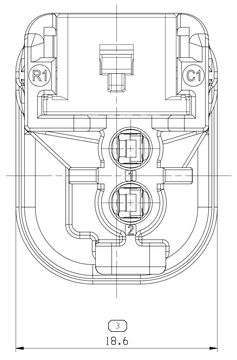


ISOMETRIC VIEW	 SCALE 2:1	 SCALE 2:1
OPTION	WITH CPA	WITHOUT CPA
APTIV PART NUMBER	35198878	35339985









-	NO.	PART NUMBER Sn Plating	Au Plating	Ag Plating	WIRE SIZE(mm²)	CABLE SEAL
APEX1.5 FEMALE TERMINAL	1	54002214	54002226	35223241	0.35 ~ 0.50	YES
	2	54001826	54001837	35223243	0.75 ~ 1.25	YES
	4	54002215	54002220	-	0.35 ~ 0.50	NO
	5	54001823	54001831	-	0.75 ~ 1.25	NO

CABLE SEAL

TYPE	PART NUMBER	MVL PART NUMBER	WIRE SIZE (mm²)	INSULATION (Ø)	MATERIAL	COLOR
SHORT	33318278	-	0.3 ~ 0.35	1.2 ~ 1.6	SILICONE RUBBER	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	FLUORO SILICONE	BLUE
	33366681	-	0.5 ~ 0.85	1.6 ~ 1.9		GREEN
	33366679	-	1.0 ~ 1.5	1.9 ~ 2.4		BROWN
DUMMY SEAL	33402443	-	-	-	SILICONE RUBBER	WHITE
	35020635	-	-	-		DARK GRAY

TYPE	ASSEMBLY	HOUSING	TPA	INTERFACE SEAL	CPA
WITH CPA	35198878	35198879	35198881	35198880	35198882
WITHOUT CPA	35339985				-

4	FEMALE CPA	PA66-GF30	GRAY	35198882	-
3	INTERFACE SEAL	SILICONE RUBBER	RED	35198880	-
2	FEMALE TPA	PA6-GF30	BLUE	35198881	-
1	FEMALE HOUSING	PA6-GF30	BLACK	35198879	-
REF	DESIGNATION	MATERIAL	COLOR	APTIV P/NO	REMARK

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).							

NOTES:

1. NON 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.

A 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 APTIV SALES TO ASSURE AVAILABILITY OF PARTS.

DWG TYPE: PART DRAWING

STYLE:

VOLUME (CM³): DISTR CODE:

UNLESS OTHERWISE SPECIFIED

THIS DOCUMENT IS IN ACCORDANCE WITH ASME Y14.5M-1994 AS AMENDED BY THE GM GLOBAL DIMENSIONING AND TOLERANCING ADDENDUM-2001. SEPARATE PATTERNS OF FEATURES MAY BE GAGED SEPARATELY REGARDLESS OF DATUM REFERENCES.

ALL DIMENSIONS ARE IN MILLIMETERS

REFERENCE

PROCESS SENSITIVE DIMENSION

DIMENSIONS ENCLOSED IN ( ) INDICATE REFERENCE DIMENSIONS AND NO TOLERANCE LIMITS ARE ESTABLISHED

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

CHART 1

THIRD ANGLE PROJECTION

DO NOT SCALE

USE MATH DATA

NX

•APTIV•
DELPHI PACKARD ELECTRICAL/ELECTRONIC ARCHITECTURE
Chennai, India

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	DATE
DR	
APVD1 PARK,KWANG-HO	20SE18
APVD2 SEO,JO-WON	20SE18
APVD3 PARK,JOO-HYUN	20SE18
APVD4	
APVD5	

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER DELPHI 10949001

MATERIAL: SEE TABLE

DRAWING NAME: APEX1.5 2W HIGH VIBRATION FEMALE ASSY.

DRAWING NUMBER: 35198878

SIZE	SCALE	FRAME NO	SHEET NO	NTO	REV	N/P
A0	5:1	1 OF 1	1 OF 1	R	02	-