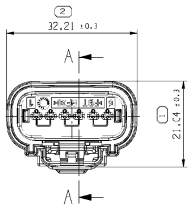
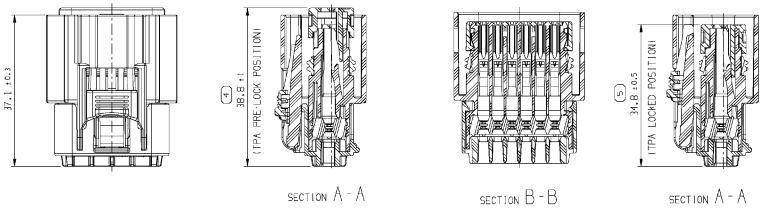
SYMBOL DEFINITION		
A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL (5) DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.	TOTAL NO OF INSPECTIONS REQUIRED	5
	LAST NO. USED	5

MISSING SYMBOLS
NO MISSING SYMBOL NUMBER

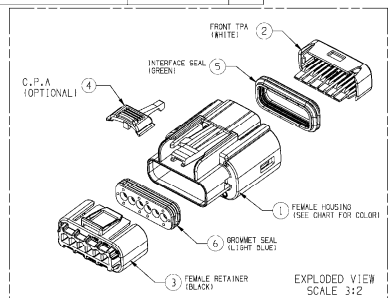
DWG STATUS						ZONE	REVISION HISTORY	AUTH	DR	APVD 1	APVD 2
DATE	STG	REV	N/P	CHG							
28SEP16	R	01	-	-	-	-	REDRAWN IN NX	-	LJS	JJY	PJH
16MAY17	R	02	-	-	B12	-	ADDED DARK GRAY HSG P/NO	-	BHC	SJW	PJH

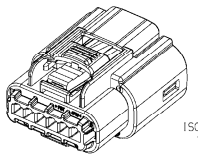




C.P.A. & T.P.A IN PRE-LOCK POSITION

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





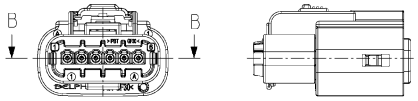
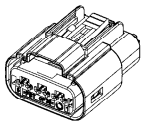
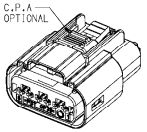


DIAGRAM			 C.P.A OPTIONAL
OPTION		WITHOUT CPA		WITH CPA (IF REQUIRED)
COLOR		BLACK	DARK GRAY	BLACK
MVL	P/N	F935000	F860010	F604500
	Revision	D	D	D
DELPHI	P/N	13978713	35087796	33515495
	Revision	01	01	01

TYPE	ASSEMBLY P/NO	(1) FEMALE HOUSING				(2) FEMALE TPA (WHITE)			(3) FEMALE RETAINER (BLACK)			(4) FEMALE CPA(RED) (OPTIONAL)			(5) INTERFACE SEAL (GREEN)			(6) GROMMET SEAL (LIGHT BLUE)		
		P/NO		MATERIAL	COLOR	P/NO		MATERIAL	P/NO		MATERIAL	P/NO		MATERIAL	P/NO		MATERIAL	P/NO		MATERIAL
		MVL	DELPHI																	
W/O CPA	F935000	5435800	33512538	PBT GF30	BLACK	5535800	33512548	PBT GF30	5635800	33512553	PBT GF30	-	-	-	C935800	33516180	SILICONE RUBBER	C935800	33516188	SILICONE RUBBER
	F860010	-	35087777		DARK GRAY															
WITH CPA	F604500	5435800	33512538		BLACK							54241679	33511970	PA66 GF35						

ASSOCIATED PARTS							
FEMALE TERMINALS		PART NUMBER	WIRE SIZE (mm^2)	TYPE	PART NUMBER	WIRE SIZE (mm^2)	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		

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 150WITH WIRE SIZES DEFINED IN NOTE 3:

5) ANNUAL QUALITY REQUIREMENTS:
IT IS PERMISSIBLE TO PERFORM CONTINUOUS CONFORMANCE PER DELPHI SPECIFICATION.

DIN ISO 2768 — Tolerance Class medium (m)

Permissible deviations for basic size range (mm)

Linear Dimensions except for broken edges	0.5 < 3 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

Permissible deviations for basic size range (mm)

Broken edges (radii, chamfers)	0.5 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).

PROCESS SENSITIVE DIMENSION

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

DIMENSIONAL RANGE (MM)											CHART-E1
FROM	> 0	> 6	> 30	> 70	> 100	> 150	> 200	> 250	> 300	> 400	
TO	6	30	70	100	150	200	250	300	400		
TOLERANCE UNLESS OTHERWISE SPECIFIED											
±0.1	±0.2	±0.3	±0.4	±0.5	±0.6	±0.8	±1	±1.2			
ANGULAR TOLERANCE ±2°											

THIRD ANGLE PROJECTION

DO NOT SCALE

USE MATH DATA

NX

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

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 2011. SEPARATE PATTERNS OF FEATURES MAY BE GAGED SEPARATELY REGARDLESS OF DATUM REFERENCES.

ALL DIMENSIONS ARE IN MILLIMETERS

REFERENCE

DELPHI

DELPHI PACKARD ELECTRICAL/ELECTRONIC ARCHITECTURE

Chennai, India

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	DR	DATE
APVD1	BAEK, HYUN-CHUL	16MY17
APVD2	SEO, JU-WON	16MY17
APVD3	PARK, JOO-HYUN	16MY17
APVD4		
APVD5		

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER DELPHI 10949031

MATERIAL: SEE NOTES

DRAWING NAME: 6WAY SEALED FEMALE CONNECTOR

DRAWING NUMBER: 33517458

SIZE	SCALE	FRAME NO	SHEET NO	STG	REV	N/P
A1	2:1	1 OF 1	1 OF 1	R	02	-