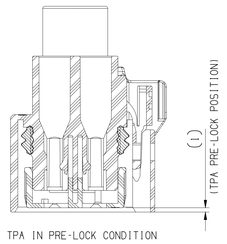
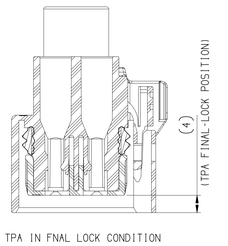
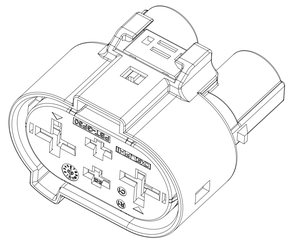


TPA IN PRE-LOCK CONDITION

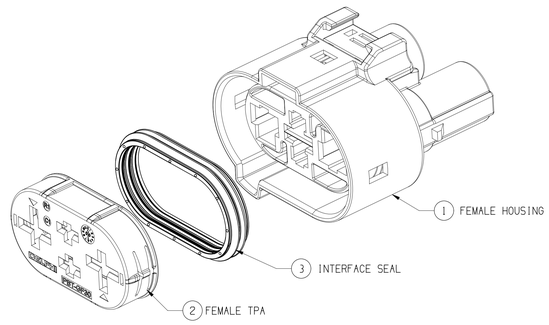


TPA IN FNAL LOCK CONDITION

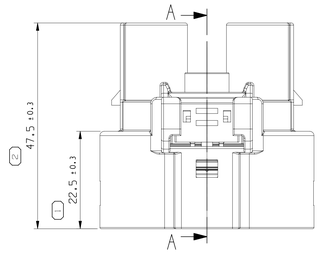
SECTION A - A (REFERENCE)

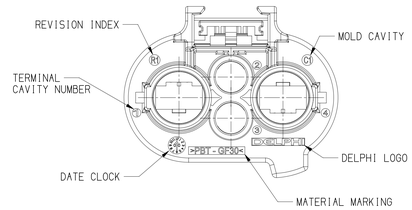


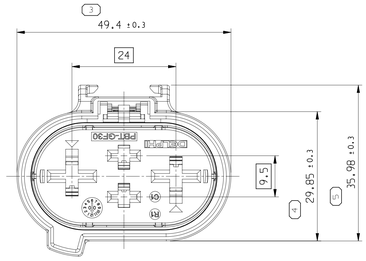
ISOMETRIC VIEW
SCALE 2:1

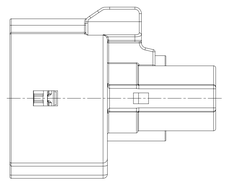


EXPLODED VIEW









NOTES:

1. NON SPECIFIED TOLERANCE MUST MEET DIN 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. APPICABLE MALE CONNECTOR : F353200 (DPN : 33500406)

3	INETRFACE SEAL	SILICONE RUBBER	GREEN	35066993	1
2	FEMALE TPA	PBT GF30	GRAY	35066978	1
1	FEMALE HOUSING	PBT GF30	BLACK	35066971	1
-	FEMALE ASSEMBLY	-	-	35092764	1
REP.	DESCRIPTION	MATERIAL	COLOR	DELPHI P/N	QTY

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).

ASSOCIATED PARTS								
FEMALE TERMINAL						SUITABLE SINGLE WIRE SEAL		
TYPE	SURFACE FINISH	MVL PART NUMBER	DELPHI PART NUMBER	WIRE SIZE(mm²)	AWG	DELPHI PART NUMBER	INSULATION Ø (mm)	COLOR
DCSI 9.5	Ag	60070472	13667458	6.0-10.0	7-9	35082293	5.9-6.6	BLACK
		60070462	13960627	5.0-6.0	9-10	35082292	4.0-5.7	GRAY
		60070452	33511002	3.0-4.0	11-13	35082291	3.4-4.0	LIGHT GRAY
DCS 4.8	Sn	60040451	10811290	3.0-4.0	11-12	35082290	3.4-4.0	BLACK
		60040441	10811291	1.0-2.5	14-17	35082289	2.3-3.1	GRAY
		60040431	10811289	0.5-0.75	19-20	35082288	1.4-2.3	LIGHT GRAY
		-	-	-	-	35151812	DUMMY SEAL	GRAY

MISSING SYMBOLS
NO MISSING SYMBOL NUMBER

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

DWG STATUS DATE	STG	REV	N/P	CHG	ZONE	REVISION HISTORY	AUTH	DR	APVD 1	APVD 2
01JN17	R	01	-	-		INITIAL RELEASE		SHT	SJW	PJH
20JL17	R	02	-	-	-	ADD DCSI 9.5mm TM'L NO.		SHT	SJW	PJH
25OC17	R	03	-	-	D7 A12 G11 L14 C14	IMPROVED HOUSING REMOVED CPA VERSION REMOVED TERMINAL P/N UPDATED NOTES UPDATED TPA POSITION ADD ASSEMBLY TABLE		LKH	YJH	PJH
05MA18	R	04	-	-	B12	UPDATED TERMINAL P/N		YIK	SJW	PJH
06JL18	R	05	-	-	B12	UPDATED TERMINAL P/N	-	YIK	SJW	PJH

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 DELPHI 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 DM GLOBAL DIMENSIONING AND TOLERANCING ADDENDUM-2001. SEPARATE PATTERNS OF FEATURES MAY BE GAGED SEPARATELY REGARDLESS OF DATUM REFERENCES.

ALL DIMENSIONS ARE IN MILLIMETERS

(5) PROCESS SENSITIVE DIMENSION | REFERENCE

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

DIMENSIONAL RANGE (MM) FROM TO	> 0 20	> 20 30	> 30 70	> 70 100	> 100 150	> 150 200	> 200 250	> 250 300	> 300 400	CHART E1
TOLERANCE UNLESS OTHERWISE SPECIFIED	±0.15	±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

DELPHI
DELPHI PACKARD ELECTRICAL/ELECTRONIC ARCHITECTURE
Chennai, India

COPYRIGHT DELPHI CORPORATION AND/OR ITS AFFILIATES. ALL RIGHTS RESERVED.

THIS DRAWING IS THE PROPERTY OF DELPHI CORPORATION AND CONTAINS DELPHI CONFIDENTIAL INFORMATION. THE REPRODUCTION, DISTRIBUTION AND UTILIZATION OF THIS DOCUMENT OR ITS RELATED CAD MATH DATA, AS WELL AS COMMUNICATION OF ANY CONTENT TO OTHERS, WITHOUT EXPRESS AUTHORIZATION, IS PROHIBITED.

		DATE
DR		
APVD1	SONG, HYUN-TAE	01JN17
APVD2	SEO, JU-WON	01JN17
APVD3	PARK, JOO-HYUN	01JN17
APVD4		
APVD5		

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER DELPHI 10949001

MATERIAL: SEE TABLE

DRAWING NAME: 4 WAY COOLING FAN FEMALE CONN

DRAWING NUMBER: 35146549

SIZE	SCALE	FRAME NO	SHEET NO	STG	REV	N/P
A0	2:1	1 OF 1	1 OF 1	R	05	-