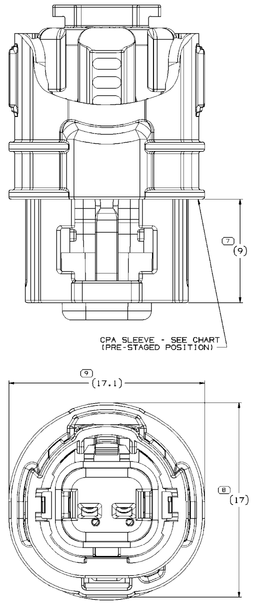
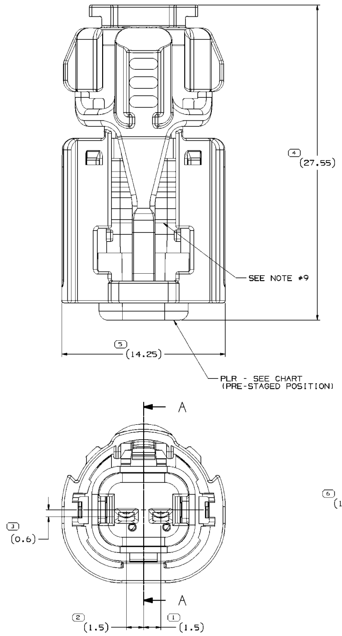
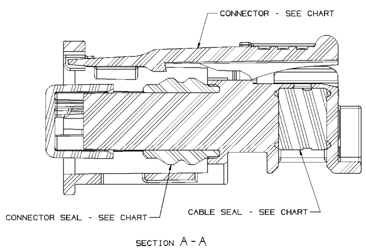


TYPE 102

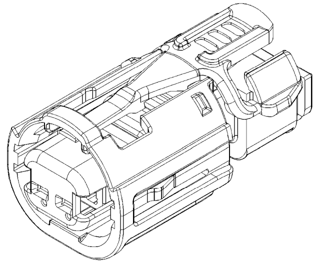
SAME AS TYPE 101
EXCEPT AS SHOWN

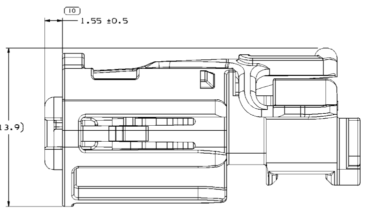


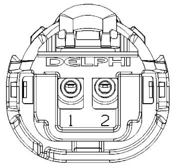
TYPE 101

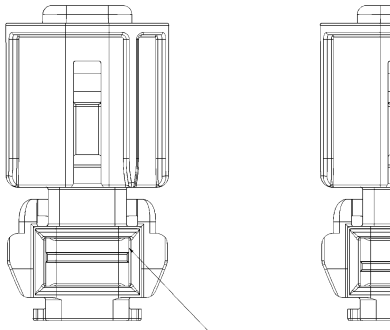


SECTION A-A









OPTIONAL CONSTRUCTION

SAME AS TYPE 101
EXCEPT AS SHOWN

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	10	NO MISSING SYMBOL NUMBER
	LAST NO. USED	10	

DATE	STG	REV	N/P	CHG	ZONE	REVISION HISTORY	AUTH	DR	APVD 1	APVD 2
08JN12	R	01	-	-		CREATED TAXI PART DRAWING 13886438 & 13964626: ADDED TO TAXI	418349	JMR	JMR	JRM
11JN12	R	02	-	-		ALL PARTS: ADDED QUANTITY TO NOTE #7	418510	JMR	JMR	JRM
13SE13	R	03	-	-		ALL PARTS: ADDED DIM #10, ADDED CABLE O.D. RANGE TO CHART & ADDED NOTES 9 - 11	419121	JMR	JMR	JRM
20NO13	R	04	-	-		ALL PARTS: PROCESSING AGENT NOTE QUANTITY WAS 10 ML PER 1,000 SEALS 13886438: UPDATED PDM ATTRIBUTES	424713	JMR	JMR	JRM
04DE13		05	-	-		ALL PARTS: ADDED OPTIONAL CONSTRUCTION	424858	JMR	JMR	JRM
09JA14	R	06	-	-		ALL PARTS: UPDATED PDM ATTRIBUTES	425141	JMR	JMR	JRM
26MR15	R	07	-	-		13964626 - UPDATED PART AVAILABILITY	429205	NRM	JVM	JRM

NOTES

1. UNLESS OTHERWISE SPECIFIED AND/OR INDICATED:

   DIMENSIONS ARE TO FACE OF VIEW SHOWN AND AUTOMATICALLY ROUNDED BY COMPUTER FOR INSPECTION (SEE MATH MODEL FOR PRECISE DIMENSIONS). FOR ALL OTHER DIMENSIONS NOT SHOWN BUT REQUIRED FOR TOOL BUILD, SEE MATH MODEL FOR PRECISE TOOL PATH DATA.

2. PART IS MANUFACTURED TO GEOMETRIC TOLERANCES. CENTERLINE DIMENSIONS ARE FOR REFERENCE ONLY.

3. SEALING CODE 2 - DESIGN WILL MEET REQUIREMENTS OF SAE/USCAR-2 CONNECTOR SYSTEM ENVIRONMENTAL TEST FLOWCHART (PRESSURE/VACUUM AND SUBMERSION).

4. THIS PRODUCT IS NOT CATEGORIZED AS AN APPEARANCE ITEM, MINOR IMPERFECTIONS INCLUDING, BUT NOT LIMITED TO, FLOW MARKS, COLOR BLEMISHES, GATE VESTIGE, AND SOFT FLASH THAT DO NOT AFFECT THE FIT, FORM, OR FUNCTION OF THE PART ARE PERMISSIBLE PER DPNP-4.7-CS-01.

5. FOR MATING CONFIGURATION REQUIREMENTS, SEE PART NUMBER 13921598.

6. TO ASSURE CORRECT TERMINAL POSITION, AN ELECTRICAL TEST HOLDER APPROVED BY BOTH THE DELPHI PACKARD NORTH AMERICA PRODUCT LINE ENGINEER AND ASSEMBLY TOOLING BUSINESS UNIT MUST BE USED. FAILURE TO USE AN APPROVED TEST HOLDER MAY RESULT IN UNSEATED TERMINALS.

7. A QUANTITY OF 3 ML PER 1,000 SEALS OF DOW 550 OR WACKER APF 125 PROCESSING AGENTS IS ALLOWABLE ON THE SEALS TO ASSIST IN SEAL TO CONNECTOR ASSEMBLY.

8. FOR APPLICATION DATA SEE THE INDIVIDUAL APPLICATION DRAWINGS.

9. WITH PLR AT PRE STAGE, CONNECTOR SEAL MAY BE MISALIGNED WITH CONNECTOR BODY. SEATING PLR WILL ALIGN CONNECTOR SEAL.

10. PRE-STAGED PRIMARY TERMINAL LOCK ONLY RETENTION TO BE 30 N MINIMUM.

11. POST CONDITIONING, TERMINAL RETENTION TO BE 60 N MINIMUM.

PART NO	REV	N/P	TYPE	CABLE O.D.	CONNECTOR	PLR	CONN SEAL	CABLE SEAL	CPA SLEEVE
13964626	01	AF	102	1.47 - 2.12	13886433	13886434	13886436	13886437	13886435
13886438	02	AB	101	1.47 - 2.12	13886433	13886434	13886436	13886437	-

(N/A) PROCESS SENSITIVE DIMENSION

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

DIMENSIONAL RANGE (MM)									CHART E1
FROM / TO	> 0 / 20	> 20 / 30	> 30 / 70	> 70 / 100	>100 / 150	>150 / 200	>200 / 250	>250 / 300	>300 / 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°									

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: D

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 BASED SEPARATELY REGARDLESS OF DATUM REFERENCES.

ALL DIMENSIONS ARE IN MILLIMETERS

REFERENCE

THIRD ANGLE PROJECTION

DO NOT SCALE

USE MATH DATA

CAD NX

DELPHI

DELPHI PACKARD ELECTRICAL/ELECTRONIC ARCHITECTURE

WARREN, OH

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		DATE
DR		
APVD1	J. RAINEY	08JN12
APVD2	J. RAINEY	08JN12
APVD3	JOHN MORELLO	08JN12
APVD4		
APVD5		

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER DELPHI 10949001

MATERIAL: SEE CHART

DRAWING NAME: TAXI ASM CONN 2 F PERF PACK 1.2 SLD

DRAWING NUMBER: 13964627

SIZE	SCALE	FRAME NO	SHEET NO	STG	REV	N/P
A0	10:1	1 OF 1	1 OF 1	R	07	-