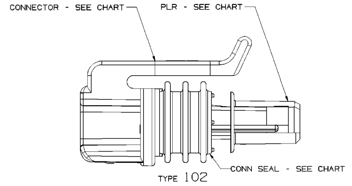
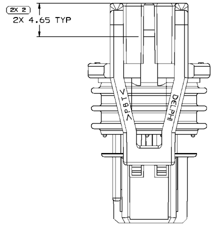
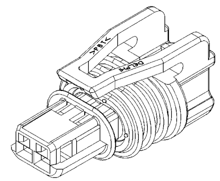
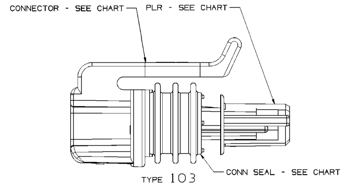


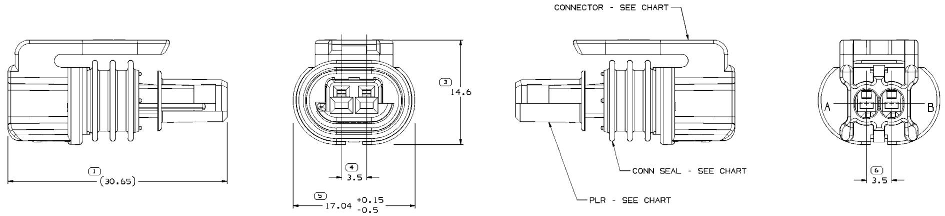
TYPE 102
SAME AS TYPE 101
EXCEPT AS SHOWN



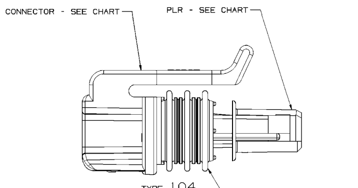




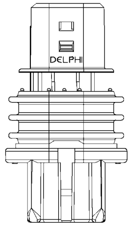
TYPE 103
SAME AS TYPE 101
EXCEPT AS SHOWN

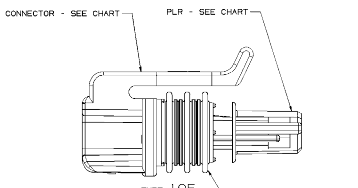


TYPE 101



TYPE 104
SAME AS TYPE 101
EXCEPT AS SHOWN





TYPE 105
SAME AS TYPE 101
EXCEPT AS SHOWN

SYMBOL DEFINITION		
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	7
	LAST NO. USED	6

MISSING SYMBOLS
NO MISSING SYMBOL NUMBER

DWG STATUS DATE	STG	REV	N/P	CHG	ZONE	REVISION HISTORY	AUTH	DR	APVD 1	APVD 2
03OC02	R	01	-	-		ALL PARTS - RELEASED	231066	JHN	FRG	MBD
16DE02	R	02	-	-		ALL PARTS - UPDATED PDM ATTRIBUTES	234651	TLD	TLD	MDB
12MY03	R	03	-	-		ALL PARTS - REVISED PDM ATTRIBUTES	240904	CJP	CJP	CD
02FE04	R	04	-	-		15487232 - RELEASED ALL PARTS - UPDATED ASM	250348	MAC	MAC	LMN
14AP04	R	05	-	-		REVISED 15487232 - PLR WAS 15335989	254051	LLJ	LLJ	LMN
20AP04	R	06	-	-		15487232 - MATING CONFIG. WAS 15336018	254217	ADK	ADK	LMN
07JN04	R	07	-	-		ADDED TYPE 105	255733	LLJ	LLJ	LN
16AU04	-	08	-	-		TOLERANCE ON DIM #5 WAS ±0.15	258092	AKJ	AKJ	LMN
04OC04	R	09	-	-		ALL PARTS - ADDED CAVITY PLUG TO NOTES; 15487232 WAS TYPE 104, 15497504 WAS TYPE 105; ADDED PARTS 13512989 AND 13512990 - RELEASED	259828	RH	RH	TV
08AP05	R	10	-	-		ALL PARTS - ADDED "SAE/USCAR" NOTE, REVISED MATING CONFIG. PART NUMBERS	266886	ADK	ADK	LMN
16MR06	R	11	-	-		13577140 & 13577141 - RELEASED	277700	CJP	CJP	TAV
03AP07	R	12	-	-		15449028 - UPDATED PDM ATTRIBUTES	400955	RMG	FRG	JSG
10DE10	R	13	-	-		13842193 - RELEASED; ALL PARTS - ADDED ADHESIVE NOTE	412863	MEA	FRE	MEA
10SE12	R	14	-	-		REVISED GRAPHICS	417355	AAS	SJS	AAS
19SE12	R	15	-	-		13842193 - UPDATED THE USE OF ADHESIVE AND ADDED PART NUMBER WITH ADHESIVE COLUMN ON CHART	419683	JFF	SJS	JFF

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. 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.

3. THIS CONNECTION MEETS OR EXCEEDS SAE/USCAR-2 MAY 2004, SECTION 5.4.1.4 TERMINAL DISENGAGE CRITERIA WITH THE APPLICATION OF A TERMINAL POSITION ASSURANCE (TPA) SECONDARY LOCK.

4. FOR PART NUMBER WITH ADHESIVE, USE M3510001 OR ADHESIVE APPROVED BY MATERIALS ENGINEERING TO GLUE CONNECTOR SEAL TO CONNECTOR.

5. FOR APPLICATION DATA SEE THE INDIVIDUAL APPLICATION DRAWINGS.

PART NO WITH ADHESIVE	REV	N/P	PART NO WITHOUT ADHESIVE	REV	N/P	TYPE	CONNECTOR	PLR	CONN SEAL
-	-	-	13577141	01	AA	105	15449024	15335989	13511248
-	-	-	13577140	01	AA	105	15487233	15335989	13511248
-	-	-	13512990	01	AB	104	15487233	15336006	13511248
-	-	-	13512989	01	AB	104	15449024	15336006	13511248
-	-	-	15497504	01	AD	103	15487233	15335989	12040750
-	-	-	15487232	02	AE	102	15487233	15336006	12040750
-	-	-	15449027	02	AF	103	15449024	15335989	12040750
13842193	01	AB	15449028	02	AG	102	15449024	15336006	12040750
-	-	-	15449029	02	AF	101	15449025	15336006	12040750

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°

(N/A) PROCESS SENSITIVE DIMENSION

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

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 GAGED 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	JOSE HDEZ NOVOA	03OC02
APVD2	FCO. RESENDIZ	04OC02
APVD3	MATTHEW BRUMBACH	07OC02
APVD4		
APVD5		

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER DELPHI 10949001

MATERIAL: SEE DRAWING

DRAWING NAME: TAXI ASM CONN F GT 150 SLD

DRAWING NUMBER: 15449030

SIZE	SCALE	FRAME NO	SHEET NO	STG	REV	N/P
A0	5:1	1 OF 1	1 OF 1	R	15	-