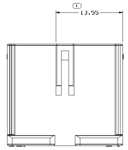
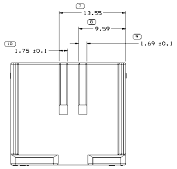
SYMBOL DEFINITION			MISSING SYMBOLS
A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL ( ) DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.	TOTAL NO OF INSPECTIONS REQUIRED	69	NO MISSING SYMBOL NUMBER
	LAST NO. USED	26	

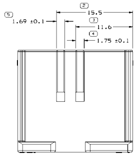
DWG STATUS DATE	STG	REV	N/P	CHG	ZONE	REVISION HISTORY	AUTH	DR	APVD 1	APVD 2
13AP06	R	01	-	-		ALL PARTS - 15486792 WAS PE107868, 15486793 WAS PE107869, 15486794 WAS PE107870, 15486795 WAS PE107871, 15486796 WAS PE107872 & 15486797 WAS PE107873: RELEASED	278796	PCP	PCP	NL
07AU06	R	02	-	-		ALL PARTS - REMOVED CHAMFER 1 PLC AND REVISED LOCK FEATURE	283399	RH	RH	NL
15FE07	R	03	-	-		ADDED NOTES 12 AND 13	400523	TMF	TMF	MJ
25SE07	R	04	-	-		ALL PARTS - ADDED APPLICATION DATA NOTE, APPEARANCE ITEM NOTE & MATERIAL RECYCLING CODE LABEL, REMOVED MATING COMPONENTS, INSULATION CRIMP & MATING CONN COL CHART AND REVISED MAT'L CALLOUT TO GENERIC CALLOUT	402351	EFS	EVV	JGS
03OC08	R	05	-	-		15486796 - UPDATED MAT'L CALLOUT	405785	LHD	LHD	LHD
01SE09	R	06	-	-		ALL PARTS - ADDED POLARIZATION FEATURE EFFECTIVENESS NOTE	408767	TBR	FRG	LHD



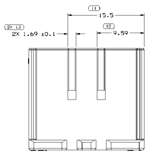
TYPE 102
USCAR TYPE B
SAME AS TYPE 101
EXCEPT AS SHOWN



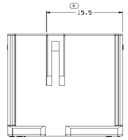
TYPE 103
USCAR TYPE C
SAME AS TYPE 101
EXCEPT AS SHOWN



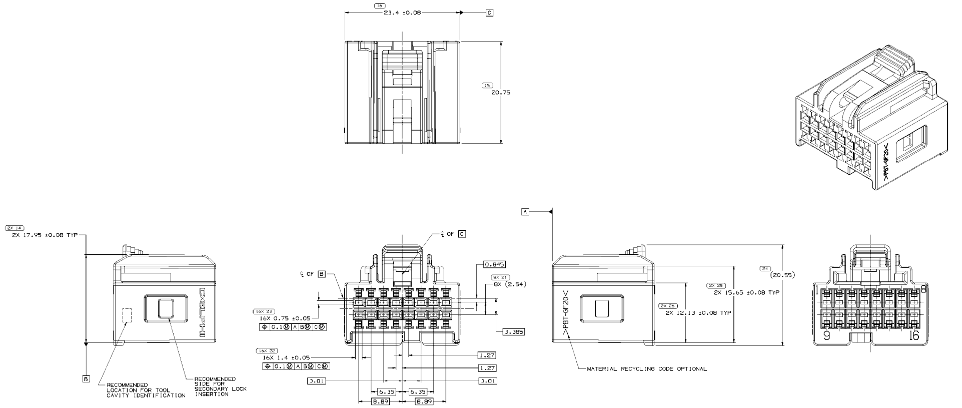
TYPE 104
USCAR TYPE D
SAME AS TYPE 101
EXCEPT AS SHOWN



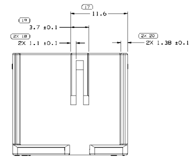
TYPE 105
USCAR TYPE E
SAME AS TYPE 101
EXCEPT AS SHOWN



TYPE 106
USCAR TYPE F
SAME AS TYPE 101
EXCEPT AS SHOWN



TYPE 101
USCAR TYPE A



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. MATERIAL RECYCLING CODE PER ISO 11469. (1)X(0.1) RAISED CHARACTERS AS SHOWN TO BE LOCATED ON ANY EXTERIOR SURFACE.

3. CONNECTOR VALIDATED PER SAE/USCAR-2 MAY 2004: TEMPERATURE CLASS 1, VIBRATION FOR COMPONENTS NOT COUPLED TO ENGINE.
   - 5.4.2 CONNECTOR-CONNECTOR MATING FORCE: 75N MAX.

4. (1)X(0.1) RAISED DELPHI CORPORATE BRAND TO BE LOCATED ON ANY EXTERIOR SURFACE, PREFERABLY VISIBLE AT FINAL ASSEMBLY. OPTIONAL CONSTRUCTION TO BE "PED" OR NO LOGO.

5. MATING BLADE REQUIREMENTS ARE FOUND ON USCAR/EWCAP DRAWING:
   *EWCAP-001 REV C SECTION "064-T001".

6. PART TO BE USED WITH APPROPRIATE DELPHI PACKARD HOLDER DESIGN.

7. PART TO BE PROCESSED USING DELPHI PACKARD ELECTRIC SYSTEMS BEST PRACTICE METHODS AND/OR CONNECTOR ASSEMBLY INSTRUCTIONS AND APPLICABLE REPAIR PROCEDURES.

8. PRIMARY LOCK DISENGAGE MAY BE BELOW 10N.

9. POLARIZATION FEATURE EFFECTIVENESS MAY BE BELOW 220N. WHEN MATING TO A DIFFERENT USCAR 16 WAY INDEX.

10. 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.

11. FOR APPLICATION DATA SEE THE INDIVIDUAL APPLICATION DRAWINGS.

12. POLARIZATION FEATURE EFFECTIVENESS TO A 2ND INDEX IS 100N MINIMUM WHEN MATING TO A DIFFERENT USCAR 16 WAY INDEX.

PART NO	REV	N/P	STATUS	MATERIAL SPECIFICATION AND COLOR	TYPE	USCAR TYPE	VOLUME
15486797	02	AC	-	POLYESTER COMPOUND NATURAL	106	F	3.221
15486796	03	AA	-	POLYESTER COMPOUND BLUE	105	E	3.234
15486795	02	AC	-	POLYESTER COMPOUND GREEN	104	D	3.226
15486794	02	AC	-	POLYESTER COMPOUND BROWN	103	C	3.226
15486793	02	AC	-	POLYESTER COMPOUND GRAY	102	B	3.221
15486792	02	AC	-	POLYESTER COMPOUND BLACK	101	A	3.221

DRAWING NUMBER 15486791 — SIZE A1x3, SCALE 5:1, FRAME NO 2 OF 2, SHEET NO 1 OF 1, STG R, REV 06, N/P -

15 PROCESS SENSITIVE DIMENSION

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
TOLERANCE UNLESS OTHERWISE SPECIFIED (CHART E)	±0.15	±0.2	±0.3	±0.4	±0.5	±0.6	±0.8	±1	±1.2

ANGULAR TOLERANCE ±2°

DWG TYPE: PART DRAWING

STYLE:

VOLUME (CM³): SEE CHART — 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

		DATE
DR		
APVD1	P. C. PRIDMORE	13AP06
APVD2	P. C. PRIDMORE	13AP06
APVD3	NICOLE LIPTAK	13AP06
APVD4		
APVD5		

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER DELPHI 10949001

MATERIAL: SEE CHART

DRAWING NAME: TAXI CONN 16 F MICRO HVT

DRAWING NUMBER: 15486791

SIZE	SCALE	FRAME NO	SHEET NO	STG	REV	N/P
A1x3	5:1	1 OF 2	1 OF 1	R	06	-

15486791