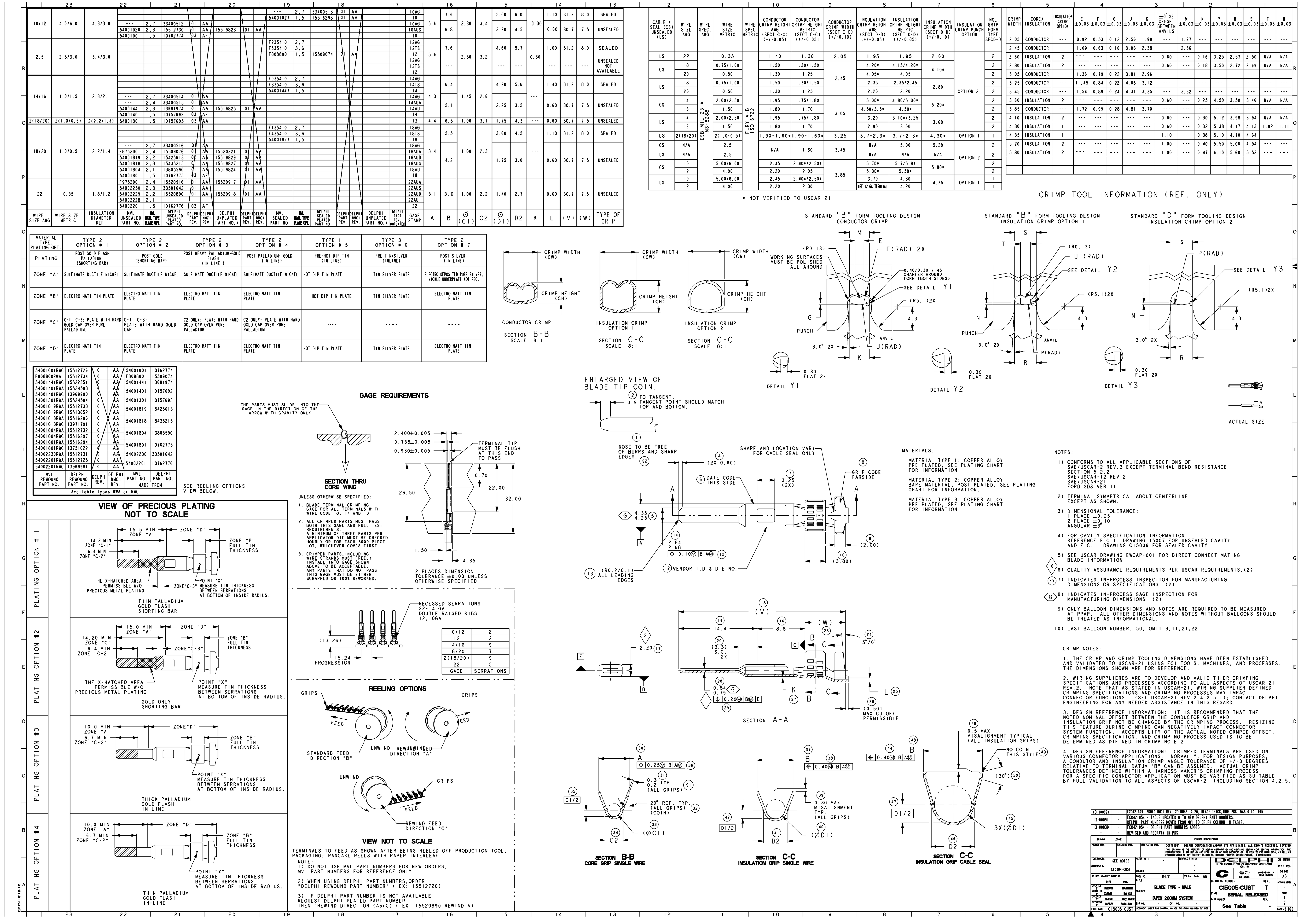
DATE	STG	REV	N/P	CHG	ZONE	REVISION HISTORY	AUTH	DR	APVD 1	APVD 2
05FE13	R	01	-			ALL PARTS - REVISED AND REDRAWN IN PDS SYSTEM, ADDED DELPHI PART NUMBERS AND UPDATED MVL CHART	421054	JEG	JAA	DAB
15FE13	R	02				ALL PARTS - ADDED NMCI COLUMN ON MVL CHART AND BLADE THICK TRUE POSITION WAS 0.10	421399	JEG	JAA	DAB
14MR13	R	03	-	-		33400512,15512730,10762774 & 15519823 - DIM "L" WAS 1.00; ALL PARTS - UPDATED MVL PASTE UP DWG TO REV LEVEL "T" DUE TO ORIGINAL PPAP AND ADDED DELPHI FORMAT & CHART; 33511839-44 - RELEASED	421737	JEG	JAA	DAB



NOTES:

1) CONFORMS TO ALL APPLICABLE SECTIONS OF SAE/USCAR-2 REV.3 EXCEPT TERMINAL BEND RESISTANCE SECTION 5.2.2
SAE/USCAR-12 REV 2
SAE/USCAR-21
FORD SDS VER 11

2) TERMINAL SYMMETRICAL ABOUT CENTERLINE EXCEPT AS SHOWN.

3) DIMENSIONAL TOLERANCE:
1 PLACE ±0.25
2 PLACE ±0.10
ANGULAR ±3°

4) FOR CAVITY SPECIFICATION INFORMATION REFERENCE F.C.I. DRAWING 15007 FOR UNSEALED CAVITY AND F.C.I. DRAWING C15006 FOR SEALED CAVITY

5) SEE USCAR DRAWING EWCAP-001 FOR DIRECT CONNECT MATING BLADE INFORMATION

X 6) QUALITY ASSURANCE REQUIREMENTS PER USCAR REQUIREMENTS.(2)

KX 7) INDICATES IN-PROCESS INSPECTION FOR MANUFACTURING DIMENSIONS OR SPECIFICATIONS. (2)

G 8) INDICATES IN-PROCESS GAGE INSPECTION FOR MANUFACTURING DIMENSIONS. (2)

9) ONLY BALLOON DIMENSIONS AND NOTES ARE REQUIRED TO BE MEASURED AT PPAP. ALL OTHER DIMENSIONS AND NOTES WITHOUT BALLOONS SHOULD BE TREATED AS INFORMATIONAL.

10) LAST BALLOON NUMBER: 50, OMIT 3,11,21,22

CRIMP NOTES:

1. THE CRIMP AND CRIMP TOOLING DIMENSIONS HAVE BEEN ESTABLISHED AND VALIDATED TO USCAR-21 USING FCI TOOLS, MACHINES, AND PROCESSES. THE DIMENSIONS SHOWN ARE FOR REFERENCE.

2. WIRING SUPPLIERES ARE TO DEVELOP AND VALID THIER CRIMPING SPECIFICATIONS AND PROCESSES ACCORDING TO ALL ASPECTS OF USCAR-21 REV.2. NOTE THAT AS STATED IN USCAR-21, WIRING SUPPLIER DEFINED CRIMPING SPECIFICATIONS AND CRIMPING PROCESSES MAY IMPACT CONNECTOR FUNCTIONS. (SEE USCAR-21 REV.2 4.2.5.1); CONTACT DELPHI ENGINEERING FOR ANY NEEDED ASSISTANCE IN THIS REGARD.

3. DESIGN REFERENCE INFORMATION: IT IS RECOMMENDED THAT THE NOTED NOMINAL OFFSET BETWEEN THE CONDUCTOR GRIP AND INSULATION GRIP NOT BE CHANGED BY THE CRIMPING PROCESS. RESIZING THIS FEATURE DURING CIMPING CAN NEGATIVELY IMPACT CONNECTOR SYSTEM FUNCTION. ACCEPTBILITY OF THE ACTUAL NOTED CRMPED OFFSET, CRIMPING SPECIFICATION, AND CRIMPING PROCESS USED IS TO BE DETERMINED AS DIFINED IN CRIMP NOTE 2.

4. DESIGN FEFERENCE INFORMATION: CRIMPED TERMINALS ARE USED ON VARIOUS CONNECTOR APPLICATIONS. NORMALLY, FOR DESIGN PURPOSES, A CONDUTOR AND INSULATION CRIMP ANGLE TOLERANCE OF +/-3 DEGREES RELATIVE TO TERMINAL DATUM "B" CAN BE ASSUMED. ACTUAL CRIMP TOLERANCES DEFINED WITHIN A HARNESS MAKER'S CRIMPING PROCESS FOR A SPECIFIC CONNECTOR APPLICATION MUST BE VARIFIED AS SUITABLE BY FULL VALIDATION TO ALL ASPECTS OF USCAR-21 INCLUDING SECTION 4.2.5.

13-00091	-	ECO421399 ADDED NMCI REV. COLUMNS, 0.20, BLADE THICK,TRUE POS. WAS 0.10 DIM
13-00091	-	ECO421054 - TABLE UPDATED WITH NEW DELPHI PART NUMBERS. DELPHI PART NUMBERS MOVED FROM MVL TO DELPH COLUMN IN TABLE.
13-00039	-	ECO421054 - DELPHI PART NUMBERS ADDED
-	-	REVISED AND REDRAWN IN PDS

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.

MVL PART NUMBER	MVL REV	SEALED	DELPHI PLATED PART NUMBER	PLATED REV	PLATED N/P	PLATED MAT'L SPEC	PLATING PROCESS OPTION	DELPHI UNPLATED PART NUMBER	UNPLATED REV	UNPLATED N/P	UNPLATED MAT'L SPEC
54001001	T	N	10762774	03	AG	M6565J00	5	-	-	-	-
54001001RWC	T	N	15512726	01	AA	10762774	-	-	-	-	
54001020	T	N	15512730	01	AB	15519823	3	15519823	01	AB	M6564J00
-	-	N	33400512	01	AB	33511843	7	33511843	01	-	M6564J00
54001027	T	Y	15516298	01	AA	M6565J00	5	-	-	-	-
-	-	Y	33400513	01	AA	33511844	7	33511844	01	-	M6564J00
F808800	T	Y	15509074	01	AA	M6565J00	5	-	-	-	-
F808800RWA	T	Y	15512734	01	AA	15509074	-	-	-	-	-
-	-	N	33400514	01	AA	33511841	7	33511841	01	-	M6564J00
-	-	N	33400515	01	AA	33511842	4	33511842	01	-	M6564J00
54001441	T	N	13681974	01	AA	15519825	3	15519825	01	AA	M6564J00
54001441RWC	T	N	15522351	01	AA	13681974	-	-	-	-	-
54001401	T	N	10757692	03	AF	M6565J00	5	-	-	-	-
54001401RWA	T	N	15524503	01	AA	10757692	-	-	-	-	-
54001401RWC	T	N	13969990	01	AA	10757692	-	-	-	-	-
54001301	T	N	10757693	03	AA	M6565J00	5	-	-	-	-
54001301RWA	T	N	15524504	01	AA	10757693	-	-	-	-	-
-	-	N	33400516	01	AA	33511840	7	33511840	01	-	M6564J00
F875200	T	N	15509076	01	AA	15520221	4	15520221	01	AA	M6564J00
54001819	T	N	15425613	02	AA	15519829	2	15519829	01	AA	M6564J00
54001819RWA	T	N	15512733	01	AA	15425613	-	-	-	-	-
54001819RWC	T	N	15513652	01	AA	15425613	-	-	-	-	-
54001818	T	N	15435215	01	AA	15519827	3	15519827	01	AA	M6564J00
54001818RWA	T	N	15516296	01	AA	15435215	-	-	-	-	-
54001818RWC	T	N	13971791	01	AA	15435215	-	-	-	-	-
54001804	T	N	13805590	01	AA	15519824	1	15519824	01	AA	M6564J00
54001804RWA	T	N	15512732	01	AA	13805590	-	-	-	-	-
54001804RWC	T	N	15516297	01	AA	13805590	-	-	-	-	-
54001801	T	N	10762775	03	AF	M6565J00	5	-	-	-	-
54001801RWA	T	N	15516294	01	AA	10762775	-	-	-	-	-
54001801RWC	T	N	13751022	01	AA	10762775	-	-	-	-	-
F975200	T	N	15520916	01	AA	15520917	4	15520917	01	AA	M6564J00
54002230	T	N	33501642	01	AA	33511839	3	33511839	01	-	M6564J00
54002230RWA	T	N	15512731	01	AA	33501642	-	-	-	-	-
54002229	T	N	15520890	01	AA	15520918	2	15520918	01	AA	M6564J00
54002201	T	N	10762776	03	AF	M6565J00	5	-	-	-	-
54002201RWA	T	N	15512725	01	AA	10762776	-	-	-	-	-
54002201RWC	T	N	13969981	01	AA	10762776	-	-	-	-	-

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

TOLERANCE UNLESS OTHERWISE SPECIFIED:
DECIMAL: ANGULAR ±2°
TWO PLACE : SEE DRAWING
THREE PLACE : SEE DRAWING

THIRD ANGLE PROJECTION

DO NOT SCALE

USE MATH DATA

CAD NX

DELPHI

DELPHI PACKARD ELECTRICAL/ELECTRONIC ARCHITECTURE

WARREN, OH

		DATE
DR		
APVD1	JAVIER ESQUIVEL	14MR13
APVD2	J.S. ALVARADO	14MR13
APVD3	GERARDO GOMEZ I.	14MR13
APVD4		
APVD5		

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER DELPHI 10949001

MATERIAL: SEE CHART

DRAWING NAME: TAXI TERM M APEX 2.8

DRAWING NUMBER: 10819199

SIZE	SCALE	FRAME NO	SHEET NO	STG	REV	N/P
A1x3	NONE	1 OF 2	1 OF 1	R	03	-

DRAWING NUMBER 10819199

SIZE	SCALE	FRAME NO	SHEET NO	STG	REV	N/P
A1x3	NONE	2 OF 2	1 OF 1	R	03	-

10819199