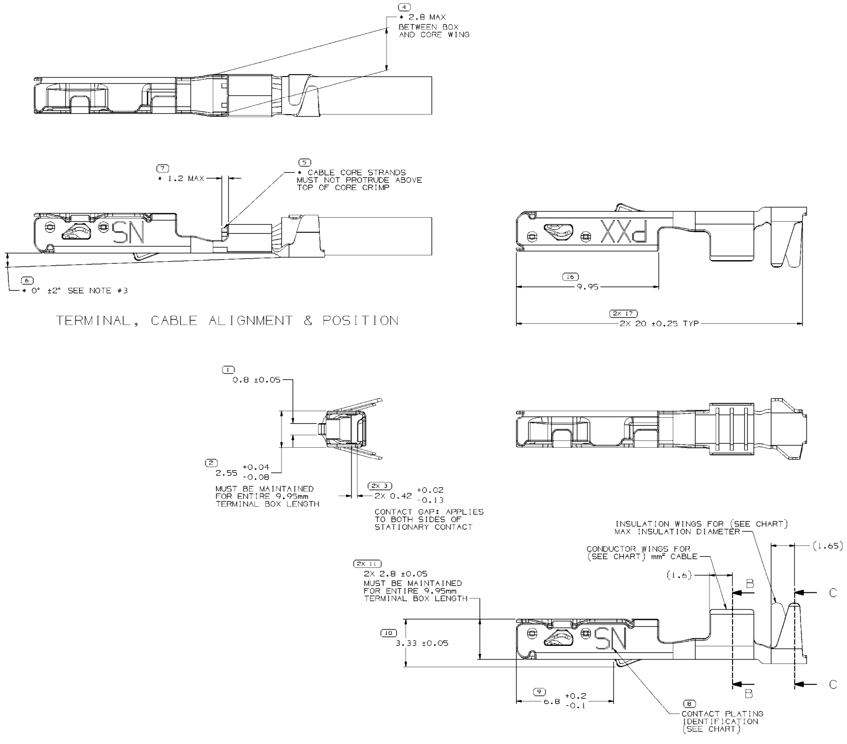
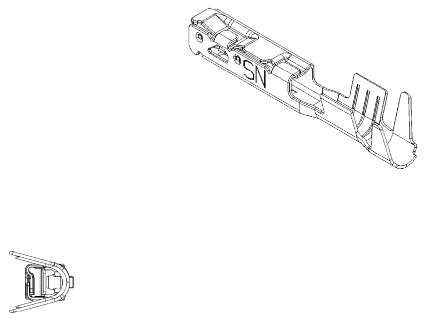
SYMBOL DEFINITION		
A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL ⬭ DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.	TOTAL NO OF INSPECTIONS REQUIRED	22
	LAST NO. USED	17

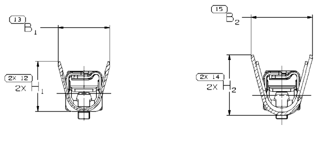
MISSING SYMBOLS
NO MISSING SYMBOL NUMBER

DWG STATUS					ZONE	REVISION HISTORY	AUTH	DR	APVD 1	APVD 2
DATE	STG	REV	N/P	CHG						
10AP17	R	01	-	-		ALL PARTS - RELEASED PART DRAWING	434477	KYT	KYT	RBS
28JN17	R	02	-	-		ALL PARTS - UPDATED PART AVAILABILITY	437113	JVR	JVR	RBS



TERMINAL, CABLE ALIGNMENT & POSITION





SECTION B-B

SECTION C-C

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. RECOMMENDED MATING BLADE THICKNESS 0.8 +0.04/-0.03mm RECOMMENDED MATING BLADE WIDTH NOT TO EXCEED 1.6mm AND NO LESS THAN 1.1mm. SEE USCAR EWCAP-001 (1.5 BLADE) FOR MATING BLADE REQUIREMENTS.

3. PLUS ANGLE IS WING BOTTOM SURFACE ROTATED COUNTERCLOCKWISE AGAINST THE BOX BOTTOM SURFACE.

4. MAXIMUM CURRENT CAPACITY AS DEFINED BY USCAR-2 R5 SECTION 5.3.3 IS 22 AMPS WITH 2.0mm² COPPER CABLE.

5. * DENOTES DIMENSIONS MADE AT CUT-OFF AND CRIMP DIE

6. THIS TERMINAL CAN BE USED WITH USCAR CAVITY STANDARD EWCAP-002

7. MAXIMUM INSULATION CRIMP WIDTH OF 2.9mm AND HEIGHT OF 3.4mm FOR CABLE SIZE UP TO 2.7mm O.D.

8. PLATING TYPE:

   1. REFLOW TIN 1.9 - 3.3 MICROMETERS THICK OVER NICKEL UNDERPLATE 0.13 - 0.5 MICROMETERS THICK.

   PLATING TYPE INFORMATION SHOWN ABOVE IS REFERENCE ONLY. PLATING REQUIREMENTS ARE CONTAINED IN APPLICABLE MATERIAL SPECIFICATION.

9. PARTS MEET THE PERFORMANCE REQUIREMENTS OF GMW3191 DEC 2007 AND SAE/USCAR-2 R5 REVISIONS FOR THE FOLLOWING CLASSIFICATIONS:
   TEMPERATURE CLASS 3 (-40°C TO +125°C)
   VIBRATION CLASS 1 (ON BODY OR CHASSIS)
   SEALING CLASS 1 (UNSEALED) FOR GAGE I.D. 25 & 14
   SEALING CLASS 2 & 3 (SEALED-CONNECTOR DEPENDENT) FOR GAGE I.D. 21 &17

10. DO NOT PROBE, TEST OR OTHERWISE CONTACT THE INTERIOR REGION (THE SPRING OR ANY MOVING PART) OF THIS TERMINAL. SEVERE DAMAGE CAN OCCUR, COMPROMISING THE PERFORMANCE OF THE ELECTRICAL INTERFACE.

○

PART NO	REV	N/P	MATERIAL DESCRIPTION	CONTACT AREA PLATING TYPE(SEE NOTE #8)	CRIMP AREA PLATING TYPE(SEE NOTE #8)	CONTACT PLATING I.D.	MATERIAL THICKNESS	I.D.	CABLE SIZE (mm²)	CABLE DIAMETER	B_1 ±0.15	B_2 ±0.25	(H_1)	(H_2)
35031565	01	AA	COPPER ALLOY	1	1	SN	0.22	14	1.5 - 2	2 - 2.8	3.6	4.3	3.5	4.2
35031566	01	AA	COPPER ALLOY	1	1	SN	0.22	17	0.75 - 1	1.7 - 2.34	2.5	3.6	2.6	3.6
35031567	01	AA	COPPER ALLOY	1	1	SN	0.22	21	0.35 - 0.5	1.2 - 1.83	2.1	3	2.1	3
35031568	01	AA	COPPER ALLOY	1	1	SN	0.22	25	0.13 - 0.22	0.81 - 1.2	1.5	1.9	1.5	1.7

⬭2 PROCESS SENSITIVE DIMENSION

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

DIMENSIONAL RANGE (MM)		CHART D
FROM TO	0 12	>12
TOLERANCE UNLESS OTHERWISE SPECIFIED	±0.1	±0.2
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 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	YAMIR TELLEZ	10AP17
APVD2	YAMIR TELLEZ	10AP17
APVD3	R. SNADER	10AP17
APVD4		
APVD5		

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER DELPHI 10949001

MATERIAL
SEE CHART

DRAWING NAME
TAXI TERM F OCS 1.5

DRAWING NUMBER
13849927

SIZE	SCALE	FRAME NO	SHEET NO	STG	REV	N/P
A0	10:1	1 OF 1	3 OF	R	02	-