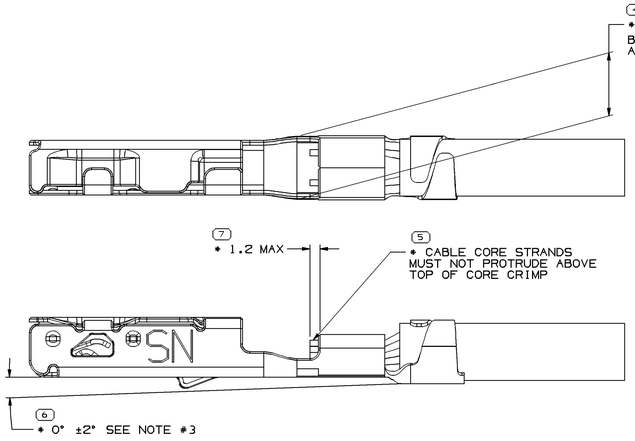
SYMBOL DEFINITION		
A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL ( ) DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.	TOTAL NO OF INSPECTIONS REQUIRED	22
	LAST NO. USED	17

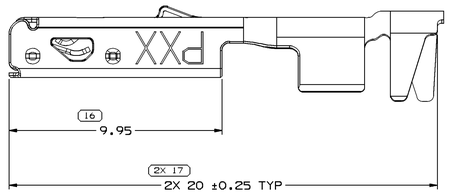
MISSING SYMBOLS

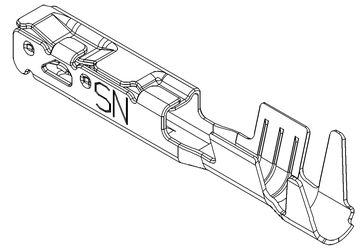
NO MISSING SYMBOL NUMBER

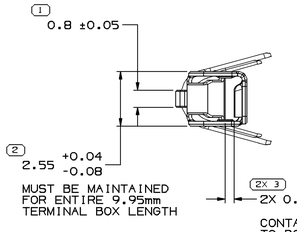
DWG STATUS DATE	STS	REV	N/P	CHG	ZONE	REVISION HISTORY	AUTH	DR	APVD 1	APVD 2
11FE11	R	01	-	-		ALL PARTS - RELEASED	413317	AGM	JVM	RJV
17MY11	R	02	-	-		ALL PARTS - UPDATED "THIS TERMINAL CAN BE USED..." NOTE	414263	JRL	JRL	RJB
27JL11	R	03	-	-		13849931 - DIM B, WAS 3.7 & H, WAS 3.6; 13849928 - DIM B, WAS 1.6 & H, WAS 1.6; ALL PARTS - PSD WAS #3 AND UPDATED "MAXIMUM CURRENT CAPACITY" & "TERMINAL USE ON USCAR CAVITY" NOTES	414909	AGM	JAA	RJB
15AU11	R	04	-	-		ALL PARTS - ADDED PERFORMANCE REQUIREMENT NOTE	415110	MRC	JVM	RBS
29SE11	R	05	-	-		ALL PARTS: PDM ATTRIBUTES UPDATED	415614	MK	MK	RBS
04OC11	R	06	-	-		ALL PARTS: PDM ATTRIBUTES UPDATED	415674	MK	MK	RBS
13JN13	R	07	-	-		ALL PARTS - PDM ATTRIBUTES UPDATED	422935	JS	JS	RJB
17JA14	R	08	-	-		ADDED "SHT 1 OF 2"	425223	DCH	DCH	LES
28FE14	R	09	-	-		ALL PARTS - REVISED GRAPHICS	425731	ARC	ARC	LES
06MR14	R	10	-	-		ALL PARTS - UPDATED PART AVAILABILITY	425808	IMF	JVM	LES
23AP15	R	11	-	-		ALL PARTS - ADDED NOTE #10 AND REVISED CABLE DIAMETER COLUMN IN CHART	429405	APB	APB	RJB

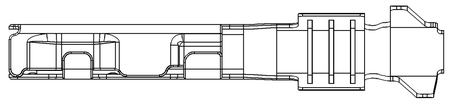


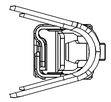
TERMINAL, CABLE ALIGNMENT & POSITION

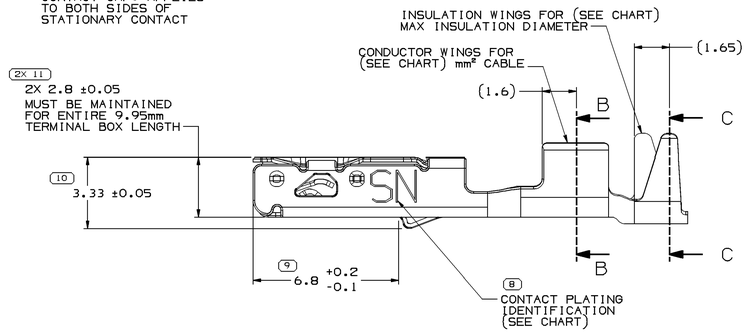


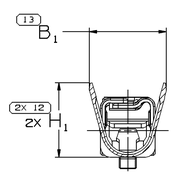




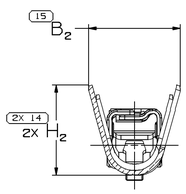








SECTION B-B



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:

   I. 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)
13849931	03	AB	COPPER ALLOY	1	1	SN	0.22	14	1.5 - 2	2 - 2.8	3.6	4.3	3.5	4.2
13849930	02	AB	COPPER ALLOY	1	1	SN	0.22	17	0.75 - 1	1.7 - 2.34	2.5	3.6	2.6	3.6
13849929	02	AB	COPPER ALLOY	1	1	SN	0.22	21	0.35 - 0.5	1.2 - 1.83	2.1	3	2.1	3
13849928	03	AB	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 0 TO 12	>12
TOLERANCE UNLESS OTHERWISE SPECIFIED	±0.1 / ±0.2
ANGULAR TOLERANCE ±2°	

REFERENCE

THIRD ANGLE PROJECTION

DO NOT SCALE

USE MATH DATA

NX

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

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 DIMED SEPARATELY FROM/OF DATUM REFERENCES.

ALL DIMENSIONS ARE IN MILLIMETERS

DELPHI

DELPHI PACKARD ELECTRICAL/ELECTRONIC ARCHITECTURE
WARREN, OH

	DATE
DR	
APVD1 ALLAN G. MARTINEZ	11FE11
APVD2 J. VILLAMIL	11FE11
APVD3 RAY J. BLASKO	11FE11
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	STS	REV	N/P
A0	10:1	1 OF 1	1 OF 2	R	11	-

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