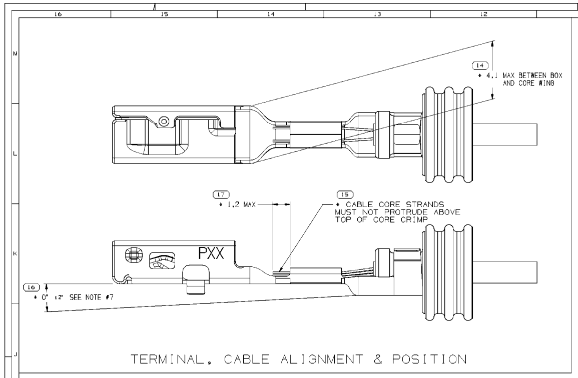
SYMBOL DEFINITION		
A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL ⬭ DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.	TOTAL NO OF INSPECTIONS REQUIRED	26
	LAST NO. USED	17

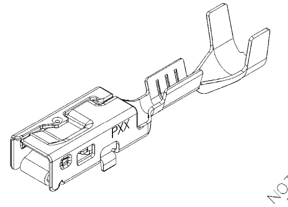
MISSING SYMBOLS
NO MISSING SYMBOL NUMBER

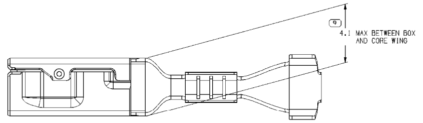
DWG STATUS										
DATE	STG	REV	N/P	CHG	ZONE	REVISION HISTORY	AUTH	DR	APVD 1	APVD 2
110C17	R	01	-	-		ALL PARTS - RELEASED	437945	JVM	JVM	GVC

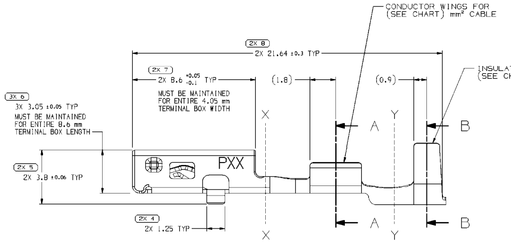
TERMINALS ON SHEET 2 DO NOT HAVE PPAP APPROVAL. DESIGN REVIEW AND CHANGE REVIEW BOARD APPROVAL NEEDED BEFORE PRINTS/TOOLS PROCEED TO PPAP.

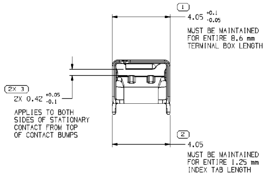

14
* 4.1 MAX BETWEEN BOX AND CORE WING
17
* 1.2 MAX
15
* CABLE CORE STRANDS MUST NOT PROTRUDE ABOVE TOP OF CORE CRIMP
PXX
16
* 0° ±2° SEE NOTE #7

TERMINAL, CABLE ALIGNMENT & POSITION

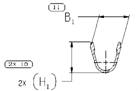




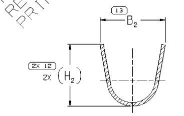

CONDUCTOR WINGS FOR (SEE CHART) mm² CABLE
2X 8
2X 21.64 ±0.3 TYP
2X 7
2X 8.6 +0.05 -0.1 TYP
MUST BE MAINTAINED FOR ENTIRE 4.05 mm TERMINAL BOX WIDTH
(1.8)
(0.9)
INSULATION WINGS FOR (SEE CHART) MAX INSULATION DIAMETER
3X 6
3X 3.05 ±0.05 TYP
MUST BE MAINTAINED FOR ENTIRE 8.6 mm TERMINAL BOX LENGTH
2X 5
2X 3.8 ±0.06 TYP
PXX
2X 4
2X 1.25 TYP
X
A
Y
B


1
4.05 +0.1 -0.05
MUST BE MAINTAINED FOR ENTIRE 8.6 mm TERMINAL BOX LENGTH
2X 3
2X 0.42 +0.05 -0.1
APPLIES TO BOTH SIDES OF STATIONARY CONTACT FROM TOP OF CONTACT BUMPS
2
4.05
MUST BE MAINTAINED FOR ENTIRE 1.25 mm INDEX TAB LENGTH

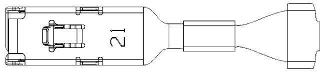
VIEW TO X-X



SECTION A-A
VIEW TO X-X



SECTION B-B
VIEW TO Y-Y



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 +0.4/-0.03 mm RECOMMENDED MATING BLADE WIDTH NOT TO EXCEED 2.9 mm AND NO LESS THAN 2.4 mm. SEE USCAR EWCAP-001 DRAWING (2.8 BLADE) FOR OTHER MATING BLADE REQUIREMENTS.
3. 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.
4. "PXX" INDICATES "P" PLUS LAST TWO DIGITS OF MAKE DIE SERIES NUMBER (P01, P02, P03, ETC).
5. MAXIMUM CURRENT CAPACITY AS DEFINED BY USCAR-2 R5 SECTION 5.3.3 IS 29 AMPS WITH 3.0 mm² COPPER CABLE.
6. * DENOTES DIMENSIONS MADE CUT-OFF AND CRIMP DIE.
7. PLUS ANGLE IS WING BOTTOM SURFACE ROTATED COUNTERCLOCKWISE AGAINST THE BOX BOTTOM SURFACE.
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 FOR REFERENCE ONLY. PLATING REQUIREMENTS ARE CONTAINED IN APPLICABLE MATERIAL SPECIFICATIONS.

9. MAXIMUM INSULATION CRIMP WIDTH OF 5.50mm AND HEIGHT 4.80mm FOR CABLE SIZE UP TO 3.4mm O.D. WHEN USED WITH 6.1mm O.D ROUND CAVITY, MAXIMUM CORE WING CRIMP WIDTH OF 4.35mm.

   WHEN USED WITH 6.4mm HEIGHT AND 5.15mm WIDTH OVAL CAVITY, MAXIMUM INSULATION CRIMP WIDTH OF 4.85mm AND HEIGHT 5.00mm FOR CABLE SIZE UP TO 3.4mm O.D.

10. PARTS MEET THE PERFORMANCE REQUIREMENTS OF GMW3191 DEC2007 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)
    VIBRATION CLASS 2 (ON ENGINE) FOR SAE/USCAR-2 ONLY
    SEALING CLASS 2 OR 3 (SEALED - CONNECTOR & CABLE SEAL DEPENDENT)

PART NO	REV	N/P	MAT'L SPEC	MATERIAL THICKNESS	CONTACT AREA PLATING TYPE (SEE NOTE 8)	CRIMP AREA PLATING TYPE (SEE NOTE 8)	ID	CABLE SIZE (MM²)	CABLE DIAMETER	B_1 ±0.15	B_2 ±0.2	(H_1)	(H_2)	TYPICAL CABLE SEAL
~~35126209~~	01	-	TIN PLATED COPPER ALLOY	0.25	I	I	13	2.0 - 3.0	2.3 - 3.4	3.9	6.2	4.1	5.9	13834635
~~35126211~~	01	-	TIN PLATED COPPER ALLOY	0.25	I	I	14	1.5 - 2.5	2.0 - 3.0	3.5	6	3.6	5.6	13834635
~~35126212~~	01	-	TIN PLATED COPPER ALLOY	0.25	I	I	17	0.75 - 1.0	1.7 - 2.3	2.7	5	2.7	4.9	13834634
~~35126213~~	01	-	TIN PLATED COPPER ALLOY	0.25	I	I	21	0.35 - 0.5	1.2 - 1.83	2.1	4.5	2.2	4.3	13834633

⬭1⬭ PROCESS SENSITIVE DIMENSION

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

DIMENSIONAL RANGE (MM)		CHART D
FROM	0	>12
TO	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	J. VILLAMIL	110C17
APVD2	J. VILLAMIL	110C17
APVD3	GREG CHURLEY	110C17
APVD4		
APVD5		

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER DELPHI 10949001

MATERIAL
SEE CHART

DRAWING NAME
TAXI TERM F OCS 2.8 SN SEALED

DRAWING NUMBER
13887281

SIZE	SCALE	FRAME NO	SHEET NO	STG	REV	N/P
A0	10:1	1 OF 1	2 OF	R	01	-