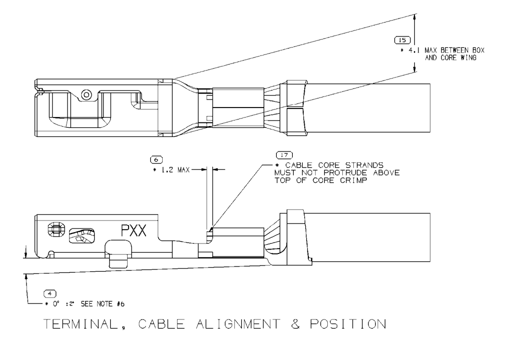
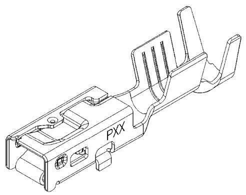
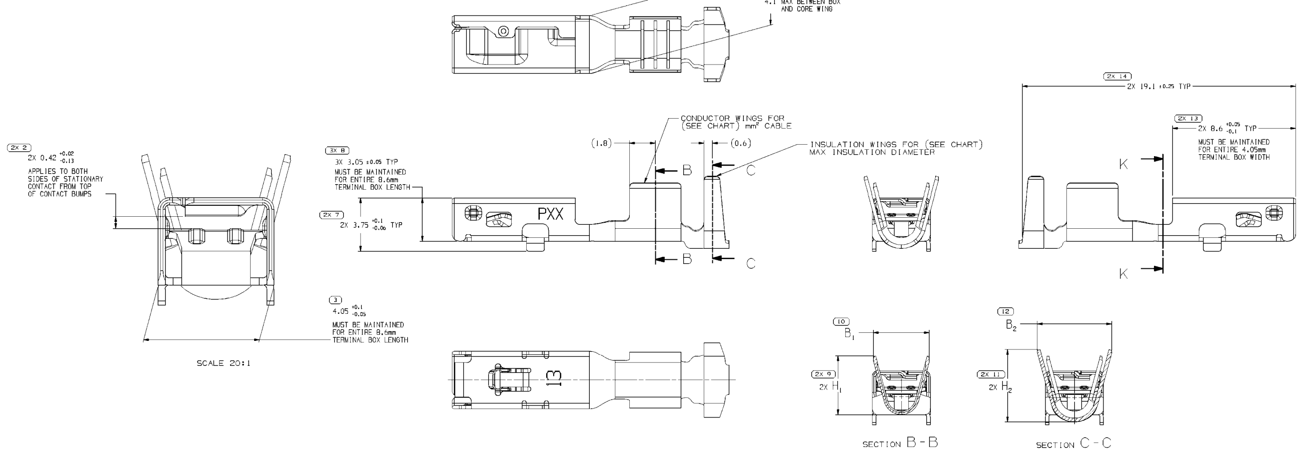
SYMBOL DEFINITION			MISSING SYMBOLS
A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL ⬭ DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.	TOTAL NO OF INSPECTIONS REQUIRED	24	5
	LAST NO. USED	17	

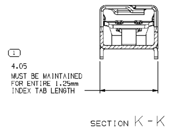
DATE	STG	REV	N/P	CHG	ZONE	REVISION HISTORY	AUTH	DR	APVD 1	APVD 2
10AP17	R	01	-	-		ALL PARTS - RELEASED PART DRAWING	436283	KYT	KYT	GVC
16MY17	R	02	-	-		ALL PARTS - UPDATED PART AVAILABILITY	436694	DAG	DAG	GVC
27JL17	R	03	-	-		ALL PARTS - UPDATED PDM ATTRIBUTES	437256	JVM	JVM	GVC


15
* 4.1 MAX BETWEEN BOX AND CORE WING
6
* 1.2 MAX
17
* CABLE CORE STRANDS MUST NOT PROTRUDE ABOVE TOP OF CORE CRIMP
PXX
4
* 0° ±2° SEE NOTE #6

TERMINAL, CABLE ALIGNMENT & POSITION




16
4.1 MAX BETWEEN BOX AND CORE WING
2X 2
2X 0.42 +0.02 -0.13
APPLIES TO BOTH SIDES OF STATIONARY CONTACT FROM TOP OF CONTACT BUMPS
3X 8
3X 3.05 ±0.05 TYP
MUST BE MAINTAINED FOR ENTIRE 8.6mm TERMINAL BOX LENGTH
2X 7
2X 3.75 +0.1 -0.06 TYP
3
4.05 +0.1 -0.05
MUST BE MAINTAINED FOR ENTIRE 8.6mm TERMINAL BOX LENGTH
SCALE 20:1
(1.8)
CONDUCTOR WINGS FOR (SEE CHART) mm² CABLE
(0.6)
INSULATION WINGS FOR (SEE CHART) MAX INSULATION DIAMETER
B
B
C
C
PXX
13
2X 14
2X 19.1 ±0.25 TYP
2X 13
2X 8.6 +0.05 -0.1 TYP
MUST BE MAINTAINED FOR ENTIRE 4.05mm TERMINAL BOX WIDTH
K
K
10
B1
2X 9
2X H1
SECTION B - B
12
B2
2X 11
2X H2
SECTION C - C



SECTION K - K

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 2.9mm AND NO LESS THAN 2.4mm. 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. MAXIMUM CURRENT CAPACITY AS DEFINED BY USCAR-2 R5 SECTION 5.3.3 IS 35 AMPS WITH 5.0 mm² COPPER CABLE.

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

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

7. 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.

8. 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).

PART NUMBER	REV	N/P	MATERIAL DESCRIPTION	MATERIAL THICKNESS	CONTACT AREA PLATING TYPE (SEE NOTE 7)	CRIMP AREA PLATING TYPE (SEE NOTE 7)	I.D.	CABLE SIZE (mm²)	CABLE DIAMETER	B_1 ±0.15	B_2 ±0.25	(H_1)	(H_2)
35063083	01	AB	TIN PLATED HIGH PERF COPPER ALLOY	0.25	I	I	10	4 - 5	3.2 - 4.2	5.1	6	5	5.5
35063088	01	AB	TIN PLATED HIGH PERF COPPER ALLOY	0.25	I	I	25	0.13 - 0.22	0.81 - 1.2	1.6	2	1.6	1.9
35063087	01	AB	TIN PLATED HIGH PERF COPPER ALLOY	0.25	I	I	21	0.3 - 0.6	1.2 - 1.9	2.15	2.8	2.25	3
35063086	01	AB	TIN PLATED HIGH PERF COPPER ALLOY	0.25	I	I	17	0.75 - 1	1.7 - 2.25	2.7	3.4	2.7	3.5
35063085	01	AB	TIN PLATED HIGH PERF COPPER ALLOY	0.25	I	I	14	1.5 - 2.5	2 - 3	3.55	4.4	3.7	4.55
35063084	01	AB	TIN PLATED HIGH PERF COPPER ALLOY	0.25	I	I	13	2 - 3	2.3 - 3.4	3.9	5.2	4.1	5.05

⬭3⬭ 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 BASED 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	07AP17
APVD2	YAMIR TELLEZ	07AP17
APVD3	GREG V. CHURLEY	07AP17
APVD4		
APVD5		

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER DELPHI 10949001

MATERIAL: SEE CHART

DRAWING NAME: TAXI TERM F OCS 2.8 SN

DRAWING NUMBER: 13819334

SIZE	SCALE	FRAME NO	SHEET NO	STG	REV	N/P
A0	10:1	1 OF 1	2 OF	R	03	-