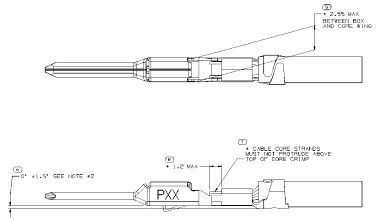
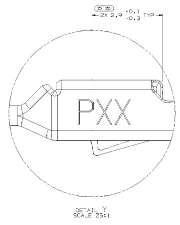
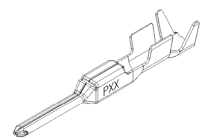
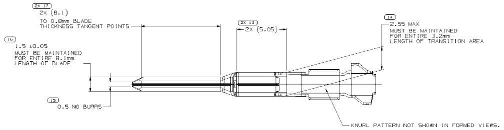


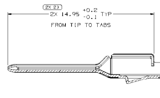
TERMINAL, CABLE ALIGNMENT & POSITION



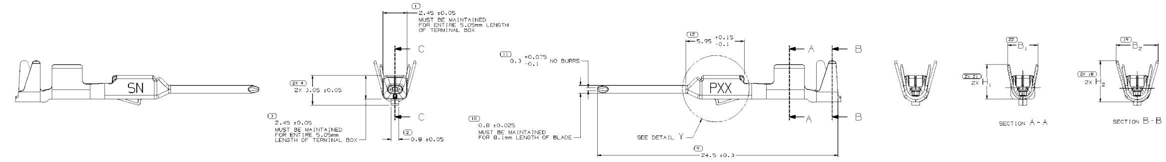
DETAIL Y
SCALE 25:1





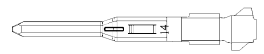


SECTION C-C



SECTION A-A

SECTION B-B



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	30	NO MISSING SYMBOL NUMBER
	LAST NO. USED	23	

DWG STATUS DATE	STG	REV	N/P	CHG	ZONE	REVISION HISTORY	AUTH	DR	APVD 1	APVD 2
15OC13	R	01	-	-		13964788 - WAS PE209222 AND RELEASED; 13964789 - WAS PE209223 AND RELEASED; 13964790 - WAS PE209224 AND RELEASED; 13964791 - WAS PE235118 AND RELEASED; 13964792 - WAS PE209225 AND RELEASED	424118	DGD	EVV	RJB
22JA14	R	02	-	-		ADDED "SHT 1 OF 2"	425224	CBG	CBG	LES
05MA14	R	03	-	-		ALL PARTS - ADDED BOTTOM VIEW, CURRENT CAPACITY & PERFORMANCE REQUIEREMENT NOTES, REVISED NOTE #1, CABLE ID & B, COLUMNS IN CHART AND REMOVED ALUMINUM CABLE SIZE & DIAMETER COLUMNS IN CHART	425783	APB	EVV	RJB
27AU14	R	04	-	-		ALL PARTS - ADDED REFERENCE MATING COMPONENTS & CUT-OFF DIMENSIONS NOTES	427427	APB	EVV	RJB
03NO14	R	05	-	-		13964789 - CABLE DIAMETER WAS 1.4 - 1.83; ALL PARTS - REVISED GRAPHICS	428083	APB	RJB	RJB
01DE14	R	06	-	-		13964788 - CABLE DIA WAS 0.81 - 1.1, 13964790 - CABLE SIZE WAS 0.75 - 1, 13964791 - CABLE DIA WAS 2.1 - 2.4 AND 13964792 - CABLE SIZE WAS 1.5 - 2 & CABLE DIA WAS 2.2 - 2.66	428261	JVR	JVM	RJB
19FE15	R	07	-	-		ALL PARTS - UPDATED PART AVAILABILITY	428910	APB	APB	RJB
26FE15	R	08	-	-		ALL PARTS - UPDATED PDM ATTRIBUTES	428984	APB	APB	RJB
09OC15	R	09	-	-		ALL PARTS - UPDATED PDM ATTRIBUTES	431030	APB	APB	RDL

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

3. MAXIMUM INSULATION CRIMP WIDTH OF 2.9mm AND HEIGHT 3.3mm FOR CABLE SIZE UP TO 2.8mm O.D.; MAXIMUM CORE CRIMP WIDTH OF 2.6mm.

4. 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.

5. MAXIMUM CURRENT CAPACITY AS DEFINED BY USCAR-2 R5 SECTION 5.3.3 IS 21.5 AMPS WITH 2.0mm² COPPER CABLE

6. 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)
   SEALING CLASS 1 (UNSEALED) FOR GA ID 25, 14 & 15
   SEALING CLASS 2 & 3 (SEALED-CONNECTOR DEPENDENT) FOR GA ID 21 & 17

7. REFERENCE MATING COMPONENT OR EQUIVALENTS:
   TERMINAL 13849930

8. • DENOTES DIMENSIONS MADE AT CUT-OFF AND CRIMP DIE

PART NUMBER	REV	N/P	MATERIAL SPECIFICATION	MATERIAL SIZE	CONTACT AREA PLATING TYPE (SEE NOTE 4)	CRIMP AREA PLATING TYPE (SEE NOTE 4)	CONTACT PLATING I.D.	CABLE I.D.	CABLE SIZE (mm²) COPPER	CABLE DIAMETER COPPER	B1 ±0.15	B2 ±0.25	(H1)	(H2)
13964792	03	AD	COPPER ALLOY	0.25 X 28.4	1	1	SN	14	1.5 - 2.0	2.0 - 2.8	3.1	4.2	3.6	4.3
13964791	03	AD	COPPER ALLOY	0.25 X 28.4	1	1	SN	15	1.25 - 1.5	1.8 - 2.4	2.9	3.9	3.3	3.8
13964790	03	AD	COPPER ALLOY	0.25 X 28.4	1	1	SN	17	0.75 - 1.0	1.7 - 2.34	2.4	3.6	2.8	3.6
13964789	03	AD	COPPER ALLOY	0.25 X 28.4	1	1	SN	21	0.35 - 0.5	1.2 - 1.83	1.9	2.9	2.2	3
13964788	03	AD	COPPER ALLOY	0.25 X 28.4	1	1	SN	25	0.13 - 0.22	0.81 - 1.2	1.46	1.8	1.6	1.8

DRAWING NUMBER 13954063
SIZE A1x3 | SCALE 10:1 | FRAME NO 2 OF 3 | SHEET NO 1 OF 2 | STG R | REV 09

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°		

THIRD ANGLE PROJECTION

DO NOT SCALE

USE MATH DATA

CAD NX

DWG TYPE: PART DRAWING

UNLESS OTHERWISE SPECIFIED

DELPHI

DELPHI PACKARD ELECTRICAL/ELECTRONIC ARCHITECTURE
WARREN, OH

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		DATE
DR		
APVD1	CARLOS DELGADILLO	15OC13
APVD2	ELIAS VAZQUEZ V.	15OC13
APVD3	R. J. BLASKO	15OC13
APVD4		
APVD5		

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER DELPHI 10949001

MATERIAL: SEE CHART

DRAWING NAME: TAXI TERM M OCS 1.5

DRAWING NUMBER: 13954063

SIZE	SCALE	FRAME NO	SHEET NO	STG	REV	N/P
A1x3	10:1	1 OF 1	1 OF 2	R	09	-

13954063