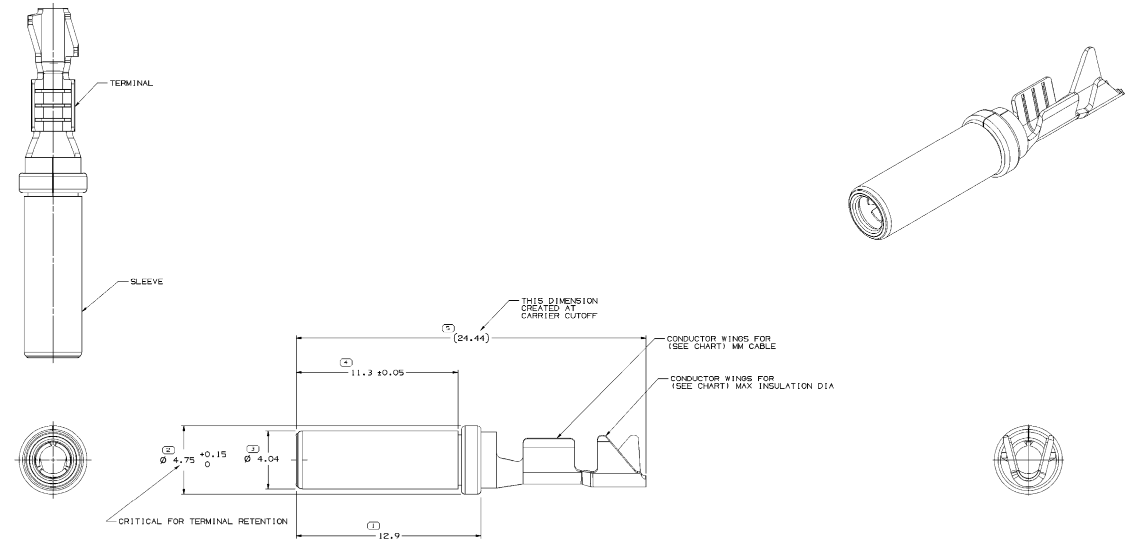
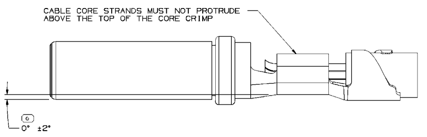
SYMBOL DEFINITION			MISSING SYMBOLS
A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL ⬭ DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.	TOTAL NO OF INSPECTIONS REQUIRED	6	NO MISSING SYMBOL NUMBER
	LAST NO. USED	6	

DWG STATUS					ZONE	REVISION HISTORY	AUTH	DR	APVD 1	APVD 2
DATE	STG	REV	N/P	CHG						
16SE09	R	01	-	-		ALL PARTS - CREATED PART DRAWING	408721	CM	CM	PDP
03NO09	R	02	-	-		ALL PARTS - ADDED LUBE TERMINAL NOTE	409378	EGR	JVM	PDP
08AP10	R	03	-	-		ALL ACTIVE PARTS - REVISED GRAPHICS	410520	JTZ	JTZ	PDP
08FE11	R	04	-	-		13867871 - RELEASED	413249	AGM	JAA	GER
28FE11	R	05	-	-		ALL ACTIVE PARTS - ADDED TERMINAL NOTES	413482	HRS	HRS	PDP
10MR11	R	06	-	-		ALL ACTIVE PARTS - REVISED TERMINAL NOTE	413620	HRS	HRS	PDP
11MY11	R	07	-	-		ALL ACTIVE PARTS - ADDED CRITICAL RETENTION LABEL	414224	AGM	JVM	PDP
30MY11	R	08	-	-		ALL ACTIVE PARTS - ADDED ASSEMBLY NOTE	414412	JTZ	JTZ	PDP
06JN11	R	09	-	-		ALL ACTIVE PARTS - UPDATED PDM ATTRIBUTES	414465	GLG	GLG	PDP
22JN11	R	10	-	-		ALL ACTIVE PARTS - ADDED CABLE CORE STRANDS LABEL	414557	AGM	JVM	PDP
08JL11	R	11	-	-		ALL ACTIVE PARTS - UPDATED PDM ATTRIBUTES	414763	CBG	CBG	PDP
06SE11	R	12	-	-		ALL ACTIVE PARTS - REMOVED "MAX CURRENT CAPACITY" & "INSULATION CRIMP" NOTES	415286	MRC	JAA	PDP
14OC11	R	13	-	-		ALL PARTS - ADDED TERMINAL APPLICATION INFORMATION NOTE	415780	JCF	JVM	PGD


TERMINAL
SLEEVE
THIS DIMENSION CREATED AT CARRIER CUTOFF
⑤ (24.44)
④ 11.3 ±0.05
CONDUCTOR WINGS FOR (SEE CHART) MM CABLE
CONDUCTOR WINGS FOR (SEE CHART) MAX INSULATION DIA
② Ø 4.75 +0.15 0
③ Ø 4.04
CRITICAL FOR TERMINAL RETENTION
① 12.9

TERMINAL & SLEEVE ASSEMBLY


CABLE CORE STRANDS MUST NOT PROTRUDE ABOVE THE TOP OF THE CORE CRIMP
⑥ 0° ±2°

CRIMPED TERMINAL & CABLE ALIGNMENT

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. TERMINAL MUST BE MADE USING NYE 148G OIL WITH UV TRACE ADDED (NYE LUBRICANTS) MIXED 50/50 WITH FIN LUBE 0177 (PPG INDUSTRIES SPECIALTY PRODUCTS) DURING THE FORM PROCESS.

   AFTER STAMPING, NYE OIL MUST BE PRESENT ON THE MATING INTERFACE AREA AND ON THE OUSIDE SURFACE OF THE CRIMP WINGS, THE RECOMMENDED APPLICATION METHOD UTILIZES A MIXTURE QUANTITY OF 0.75 GALLONS PER MILLION TERMINALS. ANY DEVIATION FROM THIS LUBRICANT MUST BE APPROVED BY DELPHI PACKARD PRODUCT ENGINEERING.

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. TERMINAL CAN BE USED IN ANY 2.4 MM (SIZE 12 MIL 39029) INDUSTRY STANDARD CAVITY. EXAMPLE DEUTSCH DTP

5. TERMINAL IS A DIRECT REPLACEMENT FOR (EQUIVALENT TO) THE DEUTSCH 1062-12-XXX FAMILY OF STAMPED AND FORMED CONTACTS

○ 6. REFER TO DRAWING NUMBER 13922721 FOR TERMINAL APPLICATION INFORMATION (CURRENT CARRYING CAPABILITY, CABLE CRIMP RANGE, ETC.)

MATERIAL NOTES :

1. TERMINAL: COPPER ALLOY - 0.406 THK
   SLEEVE: STAINLESS STEEL - 0.25 THK

ASSEMBLY NOTES :

1. SLEEVE MUST WITHSTAND PULL-OFF FORCE IN DIRECTION PARALLEL TO CENTER OF TERMINAL OF 60 NEWTONS MIN.

PART NO	REV	N/P	STATUS	CONTACT PLATING	SIZE (MM²)	ID	DIA	MATING TERM
13867871	01	AJ	-	SILVER	2-3	13T	2.4-3.35	NA
13783302	01	-	OBSOLETE	GOLD	4-6	10	4-5.7	13783285
13783294	01	-	OBSOLETE	NICKEL	4-6	10	4-5.7	13783270
13783301	02	AJ	-	GOLD	4-6	10T	3.4-4.8	13783284
13783293	02	AJ	-	NICKEL	4-6	10T	3.4-4.8	13783269
13783300	02	AJ	-	GOLD	2-3	13	2.89-4.21	13783283
13783292	02	AJ	-	NICKEL	2-3	13	2.89-4.21	13783268
13783299	02	AJ	-	GOLD	2-3	13T	2.4-3.35	13783282
13783291	02	AJ	-	NICKEL	2-3	13T	2.4-3.35	13783267
13783298	02	AJ	-	GOLD	1.5-2.5	14	2.6-3.7	13783280
13783290	02	AJ	-	NICKEL	1.5-2.5	14	2.6-3.7	13783266
13783297	02	AJ	-	GOLD	1.5-2.5	14T	2.1-3	13783277
13783289	02	AJ	-	NICKEL	1.5-2.5	14T	2.1-3	13783265
13783296	02	AJ	-	GOLD	0.75-1	17	2.2-3.1	13783276
13783288	02	AJ	-	NICKEL	0.75-1	17	2.2-3.1	13783264
13783295	02	AJ	-	GOLD	0.75-1	17T	1.6-2.25	13783273
13783287	02	AJ	-	NICKEL	0.75-1	17T	1.6-2.2	13783263

⬭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°		

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 - 1997. ALL GEOMETRIC TOLERANCES AND RELATED DATUMS APPLY RFS. RULE #1(PERFECT FORM AT MMC) DOES NOT APPLY WHEN RELATIONSHIP BETWEEN FEATURES IS ESTABLISHED BY ORIENTATION OR LOCATION TOLERANCES. SEPARATE POSITION CALLOUTS MAY BE GAGED SEPARATELY, REGARDLESS OF DATUM REFERENCE.

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

		DATE
DR		
APVD1	C.MARGRAVE	16SE09
APVD2	C.MARGRAVE	16SE09
APVD3	PAUL DEPOMPEI	24SE09
APVD4		
APVD5		

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER DELPHI 10949001

MATERIAL
SEE MATERIAL NOTES

DRAWING NAME
TAXI TERM F HES 2.4 UNKN

DRAWING NUMBER
13783286

SIZE	SCALE	FRAME NO	SHEET NO	STG	REV	N/P
A0	10:1	1 OF 1	1 OF 1	R	13	-