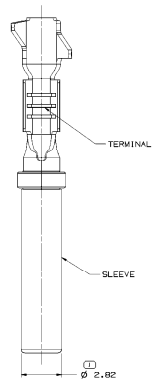
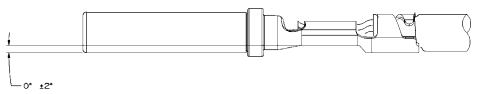
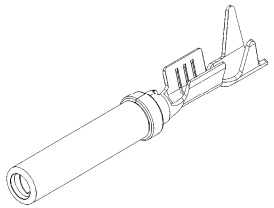
SYMBOL DEFINITION			MISSING SYMBOLS
A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL [ ] DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.	TOTAL NO OF INSPECTIONS REQUIRED	4	NO MISSING SYMBOL NUMBER
	LAST NO. USED	4	

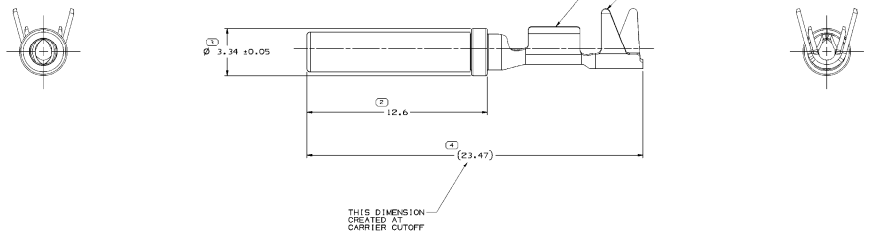
DWG STATUS DATE	STS	REV	N/P	CHG	ZONE	REVISION HISTORY	AUTH	DR	APVD/APVD 1	2
21AUG8	R	01	-	-		13637118, 13637119, 13637120, 13690839, 13690837, 13697414, 13697415, 13697416, 13697417, 13697418 & 13697419 RELEASED	401819	END	END	RP
10AU09	R	02	-	-		ALL PARTS - DIM Ø 3.34 ±0.05 WAS Ø 3.34 +0.15/-0	408568	ECS	AUG	PRO
18AU09	R	03	-	-		ALL PARTS - REVISED NOTE #3	408674	ECS	AUG	PRO
27OCT9	R	04	-	-		ALL PARTS - ADDED LUBRICATION NOTE #4	409315	JTZ	FKY	PRO
02JL10	R	05	-	-		ALL PARTS - UPDATED PDM ATTRIBUTES	411272	ESC	ESC	PRO
10DE10	R	06	-	-		13697414 & 13697417 - CABLE DIA 1.4-2.15 WAS 1.8-1.87	412956	CBD	CBD	PRO
07MR11	R	07	-	-		ALL PARTS - ADDED TERMINAL NOTES	413478	MIC	ARC	PRO
27MY11	R	08	-	-		ALL PARTS - ADDED ASSEMBLY NOTE	414410	JTZ	JTZ	PRO
03JN11	R	09	-	-		ALL PARTS - UPDATED PDM ATTRIBUTES	414463	JCF	JAA	PRO
09SE11	R	10	-	-		ALL PARTS - REMOVED "MAX CURRENT CAPACITY" & "INSULATION CRIMP" NOTES	415284	KJF	JWM	PRO
14OC11	R	11	-	-		ALL PARTS - ADDED TERMINAL APPLICATION INFORMATION NOTE	415778	JCF	JWM	PRO
01FE12	R	12	-	-		ALL PARTS - UPDATED PDM ATTRIBUTES	421280	CER	CER	PRO





CRIMPED TERMINAL AND 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 BY APPLYING NYE 1489 LUBE OIL OR EQUIVALENT (PREFERRED WITH A FLUORESCENT TRACE ADDED), AFTER STAMPING (OR FINAL PROCESS PRIOR TO SHIPPING). NYE 1489 MUST BE PRESENT ON THE MATING INTERFACE AREA AND ON THE OUTSIDE SURFACE OF THE CORE CRIMP WINGS. THE RECOMMENDED APPLICATION METHOD RATE UTILIZES A QUANTITY OF 0.75 GALLONS MINIMUM PER 1 MILLION TERMINALS. ANY OTHER LUBRICANT MUST BE APPROVED BY DELPHI CONNECTION SYSTEMS PRODUCT ENGINEERING. THE NYE 1489 OIL CAN ALSO BE APPLIED DURING THE STAMPING OPERATION AT A RATE OF 50% NYE 1489 AND 50% FIN LUBE 177 (SUPPLIED BY PPG).

3. TERMINAL CAN BE USED IN ANY 1.0 MM (SIZE 16 MIL 39029) INDUSTRY STANDARD CAVITY EXAMPLES - DEUTSCH DT, AMPSEAL 16

4. TERMINAL IS DIRECT REPLACEMENT FOR (EQUIVALENT TO) THE DEUTSCH 1062-16-XXXX FAMILY OF STAMPED AND FORMED CONTACTS

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

MATERIAL NOTES :

TERMINAL: COPPER ALLOY - 0.30 THK
SLEEVE: STAINLESS STEEL - 0.13 THK

ASSEMBLY NOTE:

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
			TERMINAL & SLEEVE ASSEMBLY		CABLE			
13697419	01	AK	-	GOLD	2-3	13T	2.4-3.31	13697413
13697418	01	AK	-	GOLD	1-1.5	15T	1.8-2.45	13697412
13697417	01	AL	-	GOLD	0.5-0.8	19T	1.4-2.15	13697411
13697416	01	AK	-	NICKEL	2-3	13T	2.4-3.31	13697410
13697415	01	AK	-	NICKEL	1-1.5	15T	1.8-2.45	13697409
13697414	01	AL	-	NICKEL	0.5-0.8	19T	1.4-2.15	13697408
13690837	01	AK	-	GOLD	2-3	13	2.89-3.67	13690840
13690836	01	AK	-	GOLD	1-1.5	15	2.4-3	13690839
13690835	01	AK	-	GOLD	0.5-0.8	19	2-2.78	13690838
13663720	01	AK	-	NICKEL	2-3	13	2.89-3.67	13663717
13663719	01	AK	-	NICKEL	1-1.5	15	2.4-3	13663716
13663718	01	AK	-	NICKEL	0.5-0.8	19	2-2.78	13663715

PROCESS INSPECTION STANDARDS
DIMENSIONS ENCLOSED IN [ ] INDICATE CHARACTERISTICS WHICH ARE TO BE CONTROLLED AND ESTABLISHED.
DIMENSIONAL RANGE (MM) — DECIMAL PLACES
FROM 0 TO 6 — >2
FROM 6 TO 30 — >1
TOLERANCE LIMITS ON DIMENSIONS SPECIFIED ONLY TO WHOLE NUMBERS — NONE
ANGULAR TOLERANCE ±2°

THE DRAWN TYPESET PDM NUMBER INDICATES THAT PHYSICAL PARTS ARE NOT AVAILABLE FOR ORDERING.
PART NUMBERS THAT OR SET NINE 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): DENSITY (GM/CM³):
UNLESS OTHERWISE SPECIFIED
THIS DOCUMENT IS TO BE INTERPRETED WITH ASME Y14.5M-1994 GEOMETRIC DIMENSIONING AND TOLERANCING STANDARD. ALL DIMENSIONS AND TOLERANCES ARE TO BE APPLIED AT MMC. TOLD IS INTERPRET PDM AT DRAWING RELEASE. DELPHI CONNECTION SYSTEMS RESERVES THE RIGHT TO CHANGE THIS DRAWING AT ANY TIME WITHOUT NOTICE. DELPHI CONNECTION SYSTEMS DOES NOT WARRANT THAT THE PRODUCTS DESCRIBED HEREIN WILL BE SUITABLE FOR ANY PARTICULAR PURPOSE. ALL WARRANTIES ARE AS SET FORTH IN DELPHI CONNECTION SYSTEMS' STANDARD TERMS AND CONDITIONS OF SALE.
REFERENCE:
THIRD ANGLE PROJECTION
DO NOT SCALE
USE MATH DATA

DELPHI
DELPHI PACKARD ELECTRICAL/ELECTRONIC ARCHITECTURE
WARREN, OH
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DR		DATE
APVD1	E.NEAL DUNMAN	21AUG8
APVD2	E.NEAL DUNMAN	21AUG8
APVD3	R. POLNICK	21AUG8
APVD4		
APVD5		

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER DELPHI SPECIFICATION
SUPERSEDES: SEE MATERIAL NOTES
DRAWING NAME: TAXI ASM TERM F HES 1.6
DRAWING NUMBER: 13654419
SIZE: A0 | SCALE: 1011 | TRANS NO: 1 | SHEET NO: 1 OF 1 | STS: R | REV: 12 | N/P: -