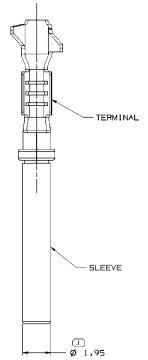
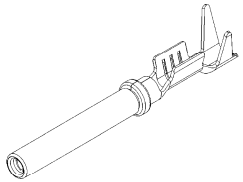
SYMBOL DEFINITION		
A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL [ ] DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.	TOTAL NO OF INSPECTIONS REQUIRED	4
	LAST NO. USED	4

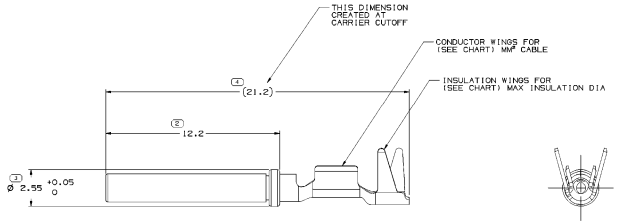
MISSING SYMBOLS

NO MISSING SYMBOL NUMBER

DWG STATUS DATE	STA	REC	N/P	CHG	ZONE	REVISION HISTORY	AUTH	DR	APVD 1	APVD 2
21AUG8	R	01	-	-		13667118, 13667119, 13667120, 13908835, 13908837, 13908838, 13908839, 13697414, 13697415, 13697416, 13697417, 13697418 & 13697419 RELEASED	431819	END	END	RP
14SE09	R	02	-	-		ALL PARTS - DIM #3 WAS Ø 2.55 +0.15/0	498872	MF	MF	PGO
03NO09	R	03	-	-		ALL PARTS - ADDED LUBRICATION NOTE	499310	JOA	FRO	PGO
08FE11	R	04	-	-		13867872 - RELEASED	413249	KJP	JAA	DER
28FE11	R	05	-	-		ALL PARTS - ADDED TERMINAL NOTES	413480	MPS	MPS	PGO
26MY11	R	06	-	-		ALL PARTS - ADDED ASSEMBLY NOTE	414411	JTZ	JTZ	PGO
08JN11	R	07	-	-		ALL PARTS - UPDATED PDM ATTRIBUTES	414458	KBM	JAA	PGO
05DE11	R	08	-	-		ALL PARTS - REVISED NOTES	415291	CSO	CSO	PGO
13DC11	R	09	-	-		ALL PARTS - ADDED TERMINAL APPLICATION INFORMATION NOTE	415775	JCF	JAA	PGO
30JA13	R	10	-	-		ALL PARTS - UPDATED PDM ATTRIBUTES	421285	MF	JAA	PGO







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 1480 LUBE OIL OR EQUIVALENT (PREFERRED WITH A FLUORESCENT TRACE ADDED). AFTER STAMPING (OR FINAL PROCESS PRIOR TO SHIPPING), NYE 1480 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 1480 OIL CAN ALSO BE APPLIED DURING THE STAMPING OPERATION AT A RATE OF 50% NYE 1480 AND 50% FIN LUBE 177 (SUPPLIED BY PPG).

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 1.0 MM (SIZE 20 MIL 39029) INDUSTRY STANDARD CAVITY. EXAMPLE DEUTSCH DTM

5. TERMINAL IS A DIRECT REPLACEMENT FOR (EQUIVALENT TO) THE DEUTSCH 1062-20-XXX FAMILY OF STAMPED AND FORMED CONTACTS

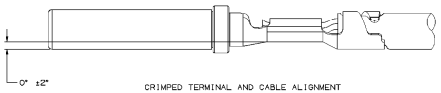
6. REFER TO DRAWING NUMBER 13922721 FOR TERMINAL APPLICATION INFORMATION (CURRENT CARRYING CAPABILITY, CABLE CRIMP RANGE, ETC.)

MATERIAL NOTES :

TERMINAL: COPPER ALLOY - 0.254 THK
SLEEVE: STAINLESS STEEL - 0.13 THK

ASSEMBLY NOTES:

1. SLEEVE MUST WITHSTAND PULL-OFF FORCE IN DIRECTION PARALLEL TO CENTER OF TERMINAL OF 66 NEWTONS MIN.



CRIMPED TERMINAL AND CABLE ALIGNMENT

PART NO	REV	N/P	CONTACT PLATING	SIZE (MM²)	ID	DIA	MATING TERM
TERMINAL & SLEEVE ASSEMBLY				CABLE			
13867872	01	AF	SILVER	0.35-0.5	21T	1.25-1.8	NA
13711549	01	AH	GOLD	0.75-1	17T	1.6-2.25	13711545
13711548	01	AH	NICKEL	0.75-1	17T	1.6-2.25	13711544
13711547	01	AH	GOLD	0.35-0.5	21T	1.25-1.8	13711543
13711546	01	AH	NICKEL	0.35-0.5	21T	1.25-1.8	13711542
13663728	01	AH	GOLD	0.75-1	17	2.05-2.78	13663724
13663727	01	AH	NICKEL	0.75-1	17	2.05-2.78	13663723
13654422	01	AH	GOLD	0.35-0.5	21	1.8-2.51	13654424
13654421	01	AH	NICKEL	0.35-0.5	21	1.8-2.51	13654423

PROCESS INSPECTION STANDARD: 13160030R (NO CHECK IN 2.1 INSPECT) 13160030R (NO CHECK IN 2.1) AQ TOLERANCE LIMITS ARE DEVIATIONS

DIMENSIONAL RANGE (MM)	SCOPE C
FROM 0 TO 3	>12

TOLERANCE UNLESS OTHERWISE SPECIFIED (DIM)

FINISH TOLERANCE ±0

THIRD ANGLE PROJECTION

DO NOT SCALE

USE MATH DATA

NX

REFERENCE

A THIS 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 ENGINE SALES TO ASSURE AVAILABILITY OF PARTS.

DWG TYPE: PART DRAWING

STYLE

RELEASE DATE

SCREW DIMS

UNLESS OTHERWISE SPECIFIED

THIS DRAWING IS IN ACCORDANCE WITH ASME Y14.5M-1994 UNLESS OTHERWISE STATED.
TOLERANCES ACCEPTABLE IN ACCORDANCE WITH ASME Y14.5M-1994 UNLESS OTHERWISE SPECIFIED. ALL DIMENSIONS AND TOLERANCES APPLY AFTER PLATING. FOLD A SPECIMEN FORM AT THE INTERFACE OF THE CONTACT AND WIRE BARREL AND PLATE THE FOLDED AREA TO ASSESS THE DEPOSIT THICKNESS. DO NOT ALLOW PLATING BEYOND POSITION EXPLODED BY THE SHADED SURFACE(S). DEPOSIT OF TIN IS PROHIBITED.
ALL DIMENSIONS ARE IN MILLIMETERS

DELPHI

DELPHI PACKARD ELECTRICAL/ELECTRONIC ARCHITECTURE

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		DATE
DR		
APVD1	E.NEAL DUNNAM	21AUG8
APVD2	E.NEAL DUNNAM	21AUG8
APVD3	R. POLENICK	21AUG8
APVD4		
APVD5		

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER DELPHI (PANDEX)

MATERIAL: SEE MATERIAL NOTES

DRAWING NAME: TAXI ASM TERM F HES 1.0

DRAWING NUMBER: 13663726

SIZE	SCALE	TRANS TO	SHEET NO	QTY	REV	N/P
AD	1:1	1 OF 1	1 OF 1	R	10	-