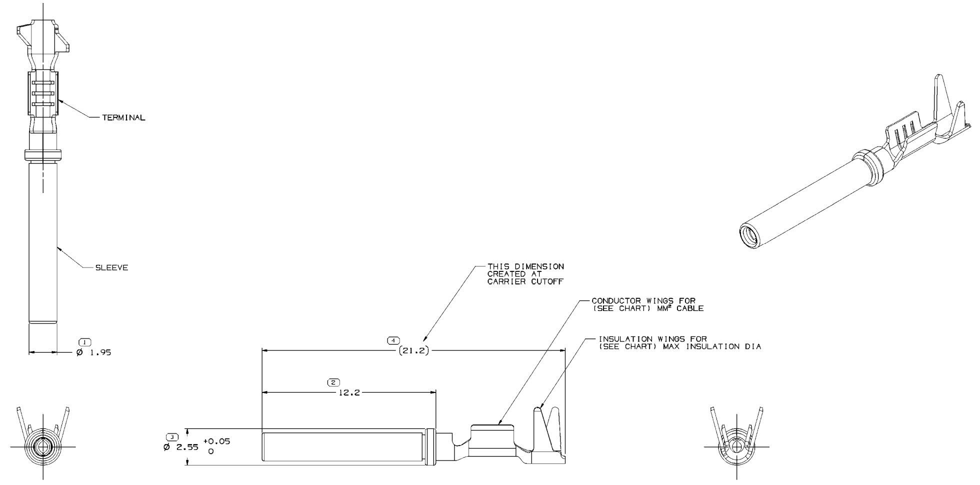
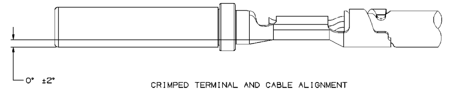
SYMBOL DEFINITION		
A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL ⬭ DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.	TOTAL NO OF INSPECTIONS REQUIRED	4
	LAST NO. USED	4

MISSING SYMBOLS
NO MISSING SYMBOL NUMBER

DWG STATUS					ZONE	REVISION HISTORY	AUTH	DR	APVD 1	APVD 2
DATE	STG	REV	N/P	CHG						
21AU08	R	01	-	-		13663718, 13663719, 13663720, 13690835, 13690836, 13690837, 13697414, 13697415, 13697416, 13697417, 13697418 & 13697419 RELEASED	401819	END	END	RP
14SE09	R	02	-	-		ALL PARTS - DIM #3 WAS Ø 2.55 +0.15/0	408872	MRF	MRF	PGD
03NO09	R	03	-	-		ALL PARTS - ADDED LUBRICATION NOTE	409310	JOA	FRG	PGD
08FE11	R	04	-	-		13867872 - RELEASED	413249	AJP	JAA	GER
28FE11	R	05	-	-		ALL PARTS - ADDED TERMINAL NOTES	413480	HRS	HRS	PGD
30MY11	R	06	-	-		ALL PARTS - ADDED ASSEMBLY NOTE	414411	JTZ	JTZ	PGD
08JN11	R	07	-	-		ALL PARTS - UPDATED PDM ATTRIBUTES	414458	AGM	JAA	PGD
05SE11	R	08	-	-		ALL PARTS - REVISED NOTES	415281	CBG	CBG	PGD
13OC11	R	09	-	-		ALL PARTS - ADDED TERMINAL APPLICATION INFORMATION NOTE	415775	JCF	JVM	PGD
30JA13	R	10	-	-		ALL PARTS - UPDATED PDM ATTRIBUTES	421285	IMF	JVM	PGD


TERMINAL
SLEEVE
① Ø 1.95
THIS DIMENSION CREATED AT CARRIER CUTOFF
CONDUCTOR WINGS FOR (SEE CHART) MM² CABLE
INSULATION WINGS FOR (SEE CHART) MAX INSULATION DIA
④ (21.2)
② 12.2
③ Ø 2.55 +0.05 0



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 148G LUBE OIL OR EQUIVALENT (PREFERRED WITH A FLUORESCENT TRACE ADDED). AFTER STAMPING (OR FINAL PROCESS PRIOR TO SHIPPING). NYE 148G 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 148G OIL CAN ALSO BE APPLIED DURING THE STAMPING OPERATION AT A RATE OF 50% NYE 148G 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 60 NEWTONS MIN.

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

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 - 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

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		DATE
DR		
APVD1	E.NEAL DUNHAM	21AU08
APVD2	E.NEAL DUNHAM	21AU08
APVD3	R. POLENICK	21AU08
APVD4		
APVD5		

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER DELPHI 10949001

MATERIAL
SEE MATERIAL NOTES

DRAWING NAME
TAXI ASM TERM F HES 1.0

DRAWING NUMBER
13663726

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