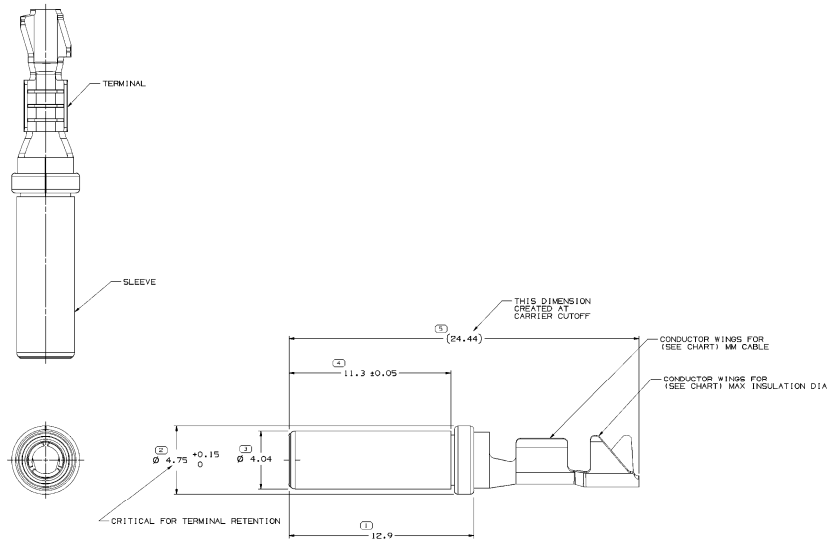
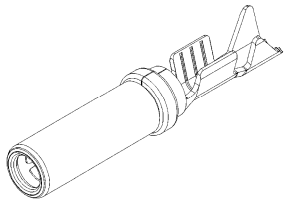
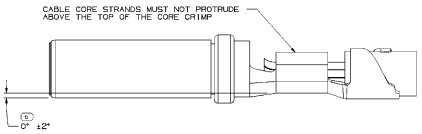
| SYMBOL DEFINITION | | | MISSING SYMBOLS |
|---|---|---|---|
| A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL [ ] DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING. | TOTAL NO OF INSPECTIONS REQUIRED | 6 | NO MISSING SYMBOL NUMBER |
| | LAST NO. USED | 6 | |

| DWG STATUS DATE | STS | REC | N/P | CHG | ZONE | REVISION HISTORY | AUTH | DR | APVD 1 | APVD 2 |
|---|---|---|---|---|---|---|---|---|---|---|
| 16SEP09 | R | 01 | - | - | | ALL PARTS - CREATED PART DRAWING | 438721 | CM | CM | PDP |
| 01NOV9 | R | 02 | - | - | | ALL PARTS - ADDED LUBE TERMINAL NOTE | 439378 | EGR | JWP | DPP |
| 08AP10 | R | 03 | - | - | | ALL ACTIVE PARTS - REVISED GRAPHICS | 410520 | JTZ | JTZ | PDP |
| 08FE11 | R | 04 | - | - | | 1386787I - RELEASED | 413249 | AGM | JAA | BEH |
| 25FE11 | R | 05 | - | - | | ALL ACTIVE PARTS - ADDED TERMINAL NOTES | 413482 | MPS | MPS | PDP |
| 10MR11 | R | 06 | - | - | | ALL ACTIVE PARTS - REVISED TERMINAL NOTE | 413620 | MPS | MPS | PDP |
| 11MY11 | R | 07 | - | - | | ALL ACTIVE PARTS - ADDED CRITICAL RETENTION LABEL | 414226 | AGM | JWP | DPP |
| 30MY11 | R | 08 | - | - | | ALL ACTIVE PARTS - ADDED ASSEMBLY NOTE | 414412 | JTZ | JTZ | PDP |
| 06JN11 | R | 09 | - | - | | ALL ACTIVE PARTS - UPDATED PDM ATTRIBUTES | 414655 | GLG | GLG | PDP |
| 22JN11 | R | 10 | - | - | | ALL ACTIVE PARTS - ADDED CABLE CORE STRANDS LABEL | 414557 | AGM | JWP | DPP |
| 08JL11 | R | 11 | - | - | | ALL ACTIVE PARTS - UPDATED PDM ATTRIBUTES | 414763 | CBS | CBS | PDP |
| 06SE11 | R | 12 | - | - | | ALL ACTIVE PARTS - REMOVED "MAX CURRENT CAPACITY" & "INSULATION CRIMP" NOTES | 415286 | MPC | JAA | PDP |
| 14OC11 | R | 13 | - | - | | ALL PARTS - ADDED TERMINAL APPLICATION INFORMATION NOTE | 415780 | JCF | JWP | BED |



TERMINAL & SLEEVE ASSEMBLY




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 1489 OIL WITH UV TRACE ADDED (NYE LUBRICANTS) MIXED 50/50 WITH FIN LUBE 0177 (PPS INDUSTRIES SPECIALTY PRODUCTS) DURING THE FORM PROCESS.

   AFTER STAMPING, NYE OIL MUST BE PRESENT ON THE MATING INTERFACE AREA AND ON THE OUTSIDE 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 WIL 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 |
|---|---|---|---|---|---|---|---|---|
| 1386787I | 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 |

PART DRAWING

UNLESS OTHERWISE SPECIFIED

THIRD ANGLE PROJECTION

DO NOT SCALE

USE MATH DATA

DELPHI

DELPHI PACKARD ELECTRICAL/ELECTRONIC ARCHITECTURE DIVISION, Dr

| DR | DATE |
|---|---|
| APVD1 C.MARGRAVE | 16SEP09 |
| APVD2 C.MARGRAVE | 16SEP09 |
| APVD3 PAUL DEPOMPEI | 24SEP09 |
| APVD4 | |
| APVD5 | |

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER DELPHI SPM4001

SUPPLIER: SEE MATERIAL NOTES

DRAWING NAME: TAXI TERM F HES 2.4 UNKN

DRAWING NUMBER: 13783286

| SIZE | SCALE | TRACK NO | SHEET NO | STS | REV | N/P |
|---|---|---|---|---|---|---|
| A0 | 10:1 | 1 OF 1 | 1 OF 1 | R | 13 | - |