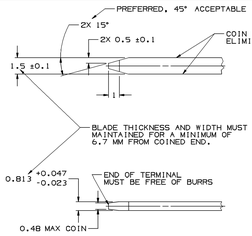



## MATERIAL SPECIFICATIONS

RECOMMENDED

BASE METAL - CDA-210, EXTRA SPRING TEMPER

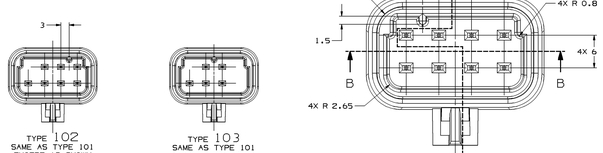
PLATING - 0.005±0.0025 MM THICK TIN

MINIMUMS

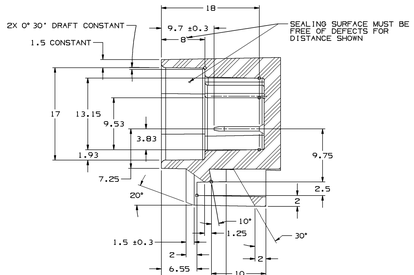
ELECTRICAL CONDUCTIVITY - ≥20% IACS AT 20°C; USE OF A MATERIAL WITH CONDUCTIVITY <20% IACS MUST BE APPROVED BY PACKARD ELECTRIC MATERIALS ENGINEERING.

TENSILE STRENGTH - 407 MPa

PLATING - FOR LOW ENERGY (≤5v) AND NON-PASSENGER COMPARTMENT POWER CIRCUITS, 0.005±0.0025 MM THICK TIN. FOR MATERIALS CONTAINING 10% OR MORE ZINC, AN UNDERPLATE OF COPPER 0.005±0.0025 MM THICK IS REQUIRED.




TYPE 101 & 105



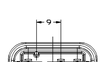

SECTION A-A



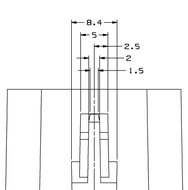

TYPE 102
SAME AS TYPE 101
EXCEPT AS SHOWN
SCALE 2:1

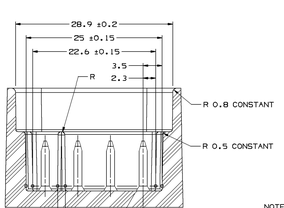


TYPE 103
SAME AS TYPE 101
EXCEPT AS SHOWN
SCALE 2:1




TYPE 104
SAME AS TYPE 101
EXCEPT AS SHOWN
SCALE 2:1

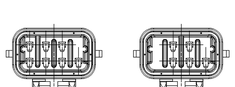



SECTION B-B

## MATING BLADE INFORMATION

SCALE 8:1

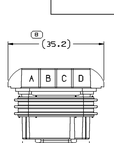


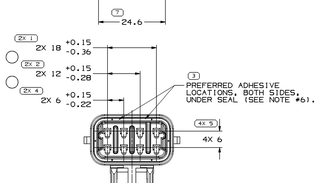
TYPE 102
SAME AS TYPE 101
EXCEPT AS SHOWN

TYPE 103
SAME AS TYPE 101
EXCEPT AS SHOWN

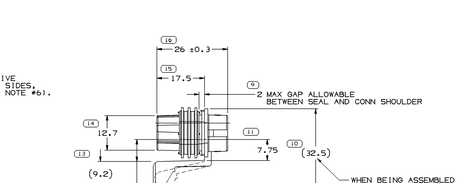
TYPE 104
SAME AS TYPE 101
EXCEPT AS SHOWN

TYPE 105
SAME AS TYPE 101
EXCEPT AS SHOWN



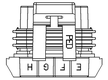




TYPE 101




## MATING PART INFORMATION

SCALE 4:1




OPTIONAL CONSTRUCTION

ALL TYPES

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. WHEN PARTS ARE SHIPPED, THEY MUST BE PACKED IN PLASTIC BAGS OR SHIPPING CONTAINERS MUST BE LINED WITH PLASTIC LINERS. BAGS OR LINERS MUST BE SEALED TO AVOID ENTRY OF FOREIGN MATTER.

3. SEALING CODE 3 - DESIGN WILL PASS SALT FOG AND IMMERSION TEST AFTER CONDITIONING AS SPECIFIED IN ESA-644 (WEATHER-PACK), ESA-710 (METRI-PACK), ESA-650 (UNDERHOOD MICRO-PACK), C-4006 (WORLD CONNECTOR), ETC WHEN MATED TO MATING PART OR EQUIVALENT

4. SEE CABLE SEAL AND SECONDARY LOCK DRAWINGS FOR COMPATIBLE CABLE O.D. RANGE.

5. MINIMUM RETENTION OF PERIPHERAL SEAL TO CONNECTOR IS 4.1 N.

6. SILICONE T-76 ADHESIVE OR EQUIVALENT TO BE APPLIED TO THIS ASSEMBLY FOR THE PURPOSE OF MAINTAINING SEAL POSITION, AND INSURING THAT MINIMUM RETENTION VALUE OF SEAL TO CONNECTOR IS ACHIEVED. SEE GRAPHICS FOR PREFERRED LOCATIONS OF ADHESIVE APPLICATION. THE APPLICATION OF ADHESIVE IS DESIGNATED BY " ● " IN THE TABLE.

7. THIS PRODUCT IS NOT CATEGORIZED AS AN APPEARANCE ITEM, MINOR IMPERFECTIONS INCLUDING, BUT NOT LIMITED TO, FLOW MARKS, COLOR BLEMISHES, GATE VESTIGE, AND SOFT FLASH THAT DO NOT AFFECT THE FIT, FORM, OR FUNCTION OF THE PART ARE PERMISSIBLE PER NAP 4.10-18.

8. FOR APPLICATION DATA SEE THE INDIVIDUAL APPLICATION DRAWINGS.

| PART NO | REV | N/P | STATUS | TYPE | CONNECTOR | SEAL | ADHV | REPLACED BY |
|---|---|---|---|---|---|---|---|---|
| 15324167 | A | - | OBSOLETE | 103 | 15324168 | 15324169 | - | - |
| 12124647 | B5 | - | - | 105 | 12124017 | 12047939 | ● | 12124647 |
| 12124013 | D | - | OBSOLETE | 105 | 12124017 | 12047939 | - | - |
| 12092494 | B3 | - | OBSOLETE | 104 | 12092493 | 12047939 | - | - |
| 12052600 | B9 | - | - | 103 | 12052499 | 12047939 | - | - |
| 12047938 | B9 | - | - | 102 | 12047934 | 12047939 | - | - |
| 12047937 | B9 | - | - | 101 | 12047932 | 12047939 | - | - |

| 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 | 22 | NO MISSING SYMBOL NUMBER |
| | LAST NO. USED | 16 | |

| DWG STATUS DATE | STA | REV | N/P | CHG | ZONE | REVISION HISTORY | AUTH | DR | APVD 1 | APVD 2 |
|---|---|---|---|---|---|---|---|---|---|---|
| 28FEB1 | R | 01 | - | - | | ALL ACTIVE PARTS - REDRAWN TO PD | 207269 | JLZ | JVP | DMC |
| 13DC95 | R | 02 | - | - | | 12092493 - CONN BODY COLOR WAS NATURAL | 273384 | MDH | JWC | EST |
| 12MR07 | R | 03 | - | - | | 12124647, 12052600, 12047938 & 12047937 - UPDATED PDM ATTRIBUTES; 12092494 - OBSOLETE | 400766 | RTV | JAA | JDS |
| 25JA08 | R | 04 | - | - | | ALL ACTIVE PARTS - ADDED "SHT 1 OF 2". CREATED APPLICATION DRAWING | 403544 | SDS | DDL | SGS |
| 16DEC8 | R | 05 | - | - | | ALL ACTIVE PARTS - 2X 18 +0.15/-0.36 WAS 2X 18 | 407045 | RHB | JAA | RHB |
| 14JA10 | R | 06 | - | - | | ALL ACTIVE PARTS - 2X 6 +0.15/-0.22 WAS 2X 6±0.15 AND 2X 12 +0.15/-0.28 WAS 2X 12±0.15 | 409729 | FRE | FRE | GEM |

NOTES

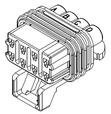
1. UNLESS OTHERWISE SPECIFIED AND/OR INDICATED:

   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. RECOMMENDED MATERIAL: GLASS FILLED NYLON OR POLYESTER.

3. TERMINAL MUST WITHSTAND A MINIMUM PUSHOUT FORCE OF 89 N (20 LBS).

4. WHEN USING THIS INFORMATION FOR A NEW DESIGN, REQUEST THE LATEST COPY OF THIS PRINT FROM PACKARD ELECTRIC.



DELPHI

DELPHI PACKARD ELECTRICAL/ELECTRONIC ARCHITECTURE
WARREN, OH

DWG TYPE: PART DRAWING

STYLE

VOLUME (CUM): SYSTEM CODE: D

UNLESS OTHERWISE SPECIFIED
THIS DOCUMENT IS IN ACCORDANCE WITH ASME Y14.5M-1994 AS INTERPRET BY THE IN GLOBAL DIMENSIONING AND TOLERANCING STANDARD. ALL DIMENSIONS ARE APPLICABLE TO FEATURES AFTER ANY PLATING. ALL DIMENSIONS ARE TO BE MADE INDEPENDENTLY WITHOUT REGARD TO FEATURES NOT SHOWN. DIMENSIONS ARE TO BE MADE WITHOUT REGARD TO FLEXIBILITY OF SUCH REFERENCES.

ALL DIMENSIONS ARE IN MILLIMETERS

REFERENCE

| | DATE |
|---|---|
| DR | |
| APVD1 R. BALDWIN | 02NOV07 |
| APVD2 F. HESION | 1NOV07 |
| APVD3 R. PETROSKY | 1NOV07 |
| APVD4 | |
| APVD5 | |

SUBSTANCES OF CONCERN: NO RECYCLED CONTENT PER DELPHI (294900)

MATL: SEE INDIVIDUAL DRAWING

DRAWING NAME: TAXI ASM CONN F M/P 150 SLD

DRAWING NUMBER: 12077523

SIZE A1x3 | SCALE 2:1 | SHEET NO 1 OF 2 | TOTAL 2 OF 2 | REV R | CHG 06

(16) PROCESS SENSITIVE DIMENSION

DIMENSIONS ENCLOSED IN ( ) INDICATE REFERENCE DIMENSIONS, NO QC TOLERANCE LIMITS ARE ESTABLISHED

| DIMENSIONAL RANGES (MM) | | |