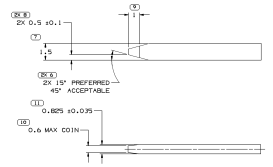



## MATERIAL SPECIFICATIONS

RECOMMENDED
BASE METAL - CDA-210, GILDING, EXTRA SPRING TEMPER
PLATING - 0.0050 ±0.0025 MM THK TIN

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

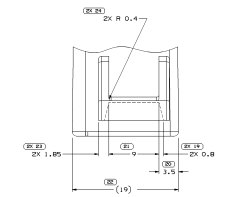
TENSILE STRENGTH - 407 MPa

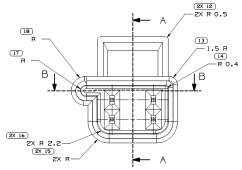
PLATING - FOR LOW ENERGY I≤ 5 VI AND NON-PASSENGER COMPARTMENT POWER CIRCUITS, 0.0050 ±0.0025 MM THICK TIN. FOR MATERIALS CONTAINING 10% OR MORE ZINC, AN UNDERPLATE OF COPPER 0.0050 ±0.0025 MM THICK IS REQUIRED.

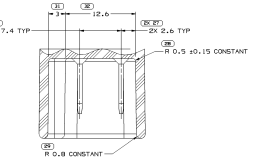
BLADE THICKNESS
UNPLATED = 0.813 ±0.025
TIN PLATED = 0.829 ±0.030

## MATING BLADE INFORMATION
SCALE 10:1

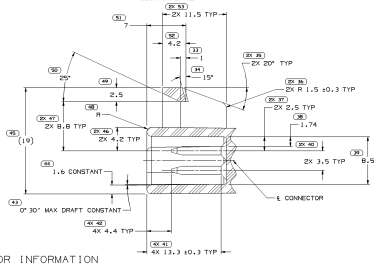
INSPECTION SYMBOLS SHOWN IN THESE VIEWS ARE FOR REFERENCE ONLY




SECTION B-B




SECTION A-A

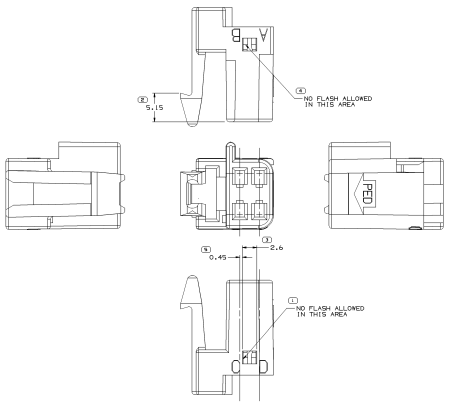
## MATING CONNECTOR INFORMATION

INSPECTION SYMBOLS SHOWN IN THESE VIEWS ARE FOR REFERENCE ONLY

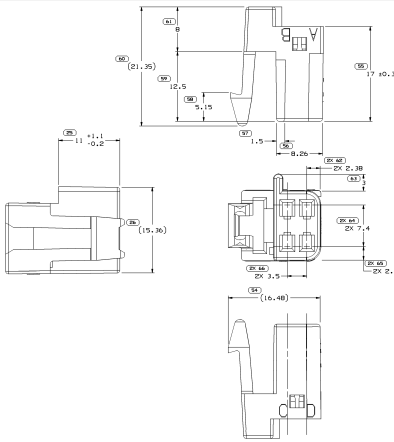
NOTES
1. UNLESS OTHERWISE SPECIFIED AND/OR INDICATED:
   DIMENSIONS ARE TO FACE OF VIEW SHOWN AND AUTOMATICALLY ROUNDED BY COMPUTER FOR INSPECTION (SEE MATH MODEL FOR PRECISE DIMENSIONS) . FOR ALL OTHER DIMENSIONS NOT SHOWN BUT REQUIRED FOR TOOL BUILD, SEE MATH MODEL FOR PRECISE TOOL PATH DATA.
   BUILD, SEE MATH MODEL FOR PRECISE TOOL PATH DATA.
   DRAFT IS 0°30' MAX ON ALL OUTSIDE SURFACES
2. MATING COMPONENTS OR EQUIVALENT:
   CONNECTOR 12064760
3. TERMINALS MUST WITHSTAND A MINIMUM PUSHOUT FORCE OF 89N 120 LBSf.
4. RECOMMENDED BODY MATERIAL:
   POLYESTER OR EQUIVALENT THERMOPLASTIC.

| SYMBOL DEFINITION | | | MISSING SYMBOLS |
|---|---|---|---|
| A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL (IRS) DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING. | TOTAL NO OF INSPECTIONS REQUIRED | 94 | NO MISSING SYMBOL NUMBER |
| | LAST NO. USED | 67 | |

| DWG STATUS | | | | | DWN | REVISION HISTORY | DATE | BY | APVD BY |
|---|---|---|---|---|---|---|---|---|---|
| CHECKED | R | 01 | - | - | | TAXI DWG CREATED FROM SEPARATE DRAWINGS. ALL PARTS - SECONDARY TERMINAL LOCK NOTE WAS 12047664 & ADDED NOTES 12 THRU 1 | 23OCT19 | RVP | RVP |
| RELEASED | R | 02 | - | - | | REVISED MODEL TO MATCH PART; REVISED ORIENTATION OF DATITEM C & D | 25JAN20 | BM | BM |
| RELEASED | R | 03 | - | - | | 12064760 - CREATED NISSAN CUSTOMER PART DRAWING | 26OCT19 | JTV | TWV |
| OBSOLETE | R | 04 | - | - | | 12146407 - OBSOLETE | 29MAY20 | JEC | JWV |




OPTIONAL CONSTRUCTION




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. MATERIAL RECYCLING CODE >PA66< PER SAE J1344 . (2.3)X(G.) RAISED CHARACTERS AS SHOWN TO BE LOCATED ON ANY EXTERIOR SURFACE. OPTIONAL CONSTRUCTION TO BE NO MATERIAL RECYCLING CODE.
3. MATING COMPONENTS OR EQUIVALENT:
   CONNECTOR 12064761
4. THIS PART ACCEPTS THE FOLLOWING COMPONENTS OR EQUIVALENT:
   CAVITIES TO ACCEPT TERMINAL 12047883 OR EQUIVALENT.
   MAX INSULATION CRIMP MUST BE LESS THAN 2.65 HIGH AND 2.7 WIDE.
   SECONDARY TERMINAL LOCK 15340170
   CONNECTOR POSITION ASSURANCE LOCK 12052834
5. (2.3)X(G.) RAISED DELPHI CORPORATE BRAND TO BE LOCATED ON ANY EXTERIOR SURFACE, PREFERABLY VISIBLE AT FINAL ASSEMBLY. OPTIONAL CONSTRUCTION TO BE "MOD" OR NO LOGO.
6. THIS CONNECTOR WILL PASS THROUGH A Ø 20 MIN HOLE.

| | | | | | |
|---|---|---|---|---|---|
| 12146407 | AB | - | OBSOLETE | M39200/02 PA66 HS NI NAT | 1.564 |
| 12064760 | BA | - | - | M39200/01 PA66 HS NI BLK | 1.564 |
| PART NO | REV | N/P | STATUS | MATERIAL SPECIFICATION AND COLOR | VOLUME CM³ |

DRAWING NUMBER 12146408 | SIZE A1x3 | SHT1 | OF 2 | REV 8 | 04 | -

PART DRAWING

DELPHI
DELPHI PACKARD ELECTRIC SYSTEMS
WARREN, OH

| | DATE |
|---|---|
| APVD B. VILLANUEVA | 01JUN20 |
| APVD B. VILLANUEVA | 01JUN20 |
| APVD B. WALLIS | 03MAY20 |

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER DELPHI SPECIFICATIONS

SEE SHEET

TAXI CONN F W/P 150

DRAWING NUMBER 12146408 | SIZE A1x3 | SHT1 | OF 2 | REV 8 | 04 | -

UNLESS OTHERWISE SPECIFIED
THIS DRAWING IS A DIGITAL DATA SET (DDS) WHICH CONFORMS TO DELPHI DDS CURRENT RELEASE. ALL REQUIREMENTS ON THIS DRAWING ARE DEFINED TO THIS DDS DATA SET. ANY DIMENSIONS OR FEATURES SHOWN ON THIS DRAWING WHICH ARE NOT REQUIRED BY THE DDS DATA SET ARE FOR REFERENCE ONLY. ALL DIMENSIONS ARE IN MILLIMETERS

SURFACE TEXTURE SYMBOLS PER ASME Y14.36M

GENERAL TOLERANCES PER ASME Y14.5M-1994
.X ±0.2 | .XX ±0.10 | .XXX ±0.050 | ANGLES ±1.0°

THIRD ANGLE PROJECTION

DO NOT SCALE DRAWING

USE WITH DATA

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12146408