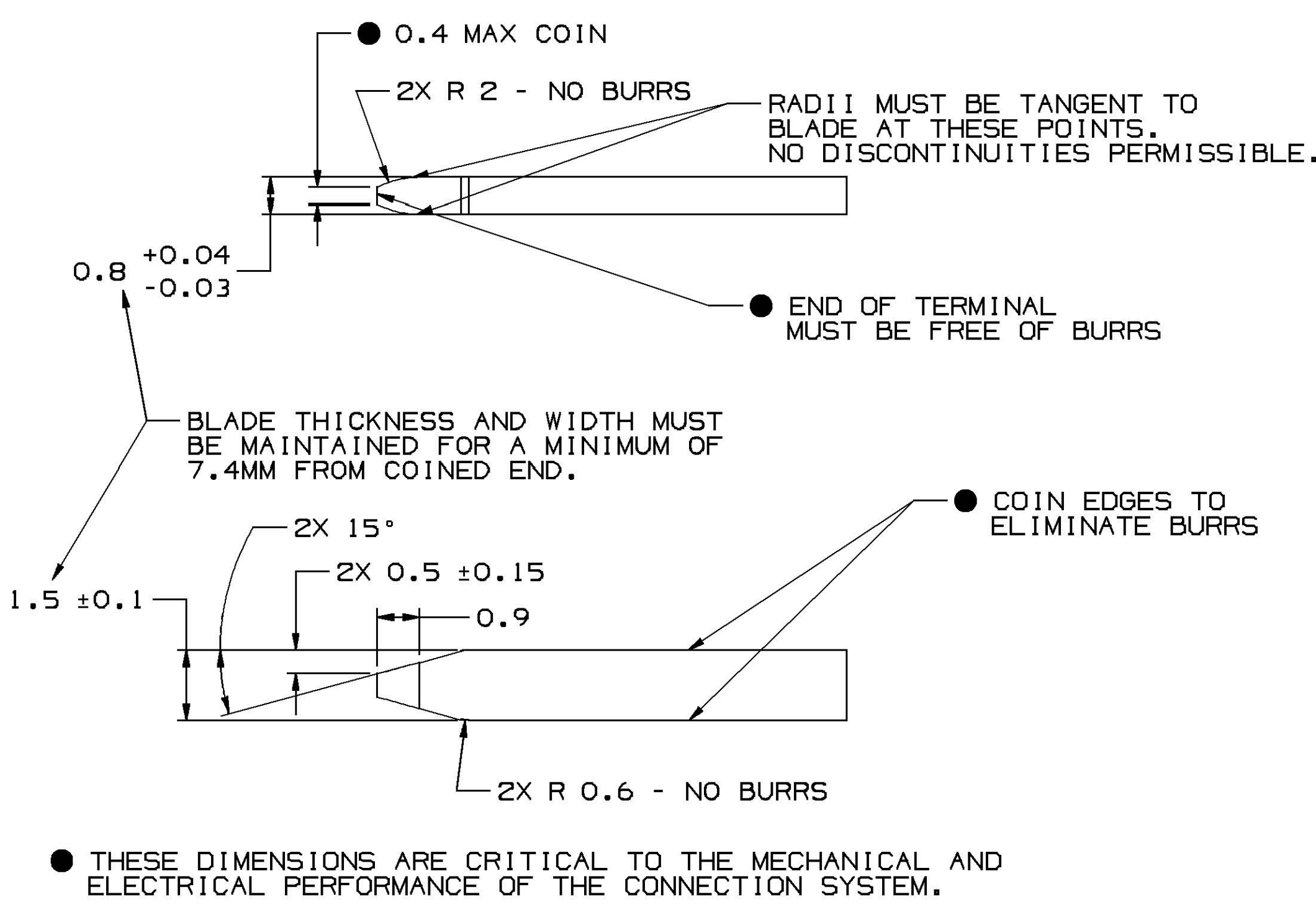




## MATERIAL SPECIFICATIONS

### RECOMMENDED

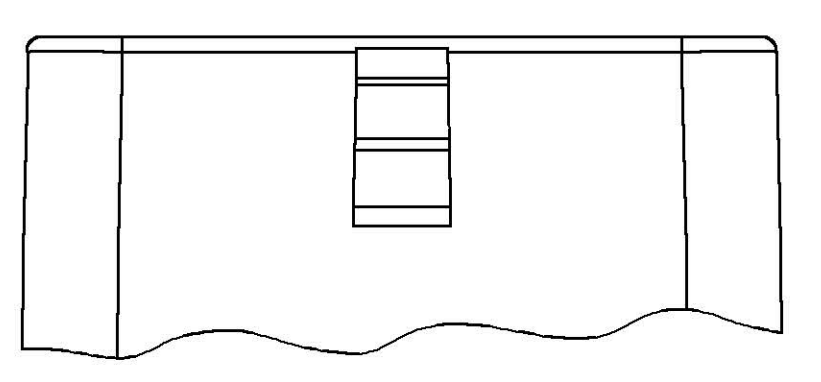
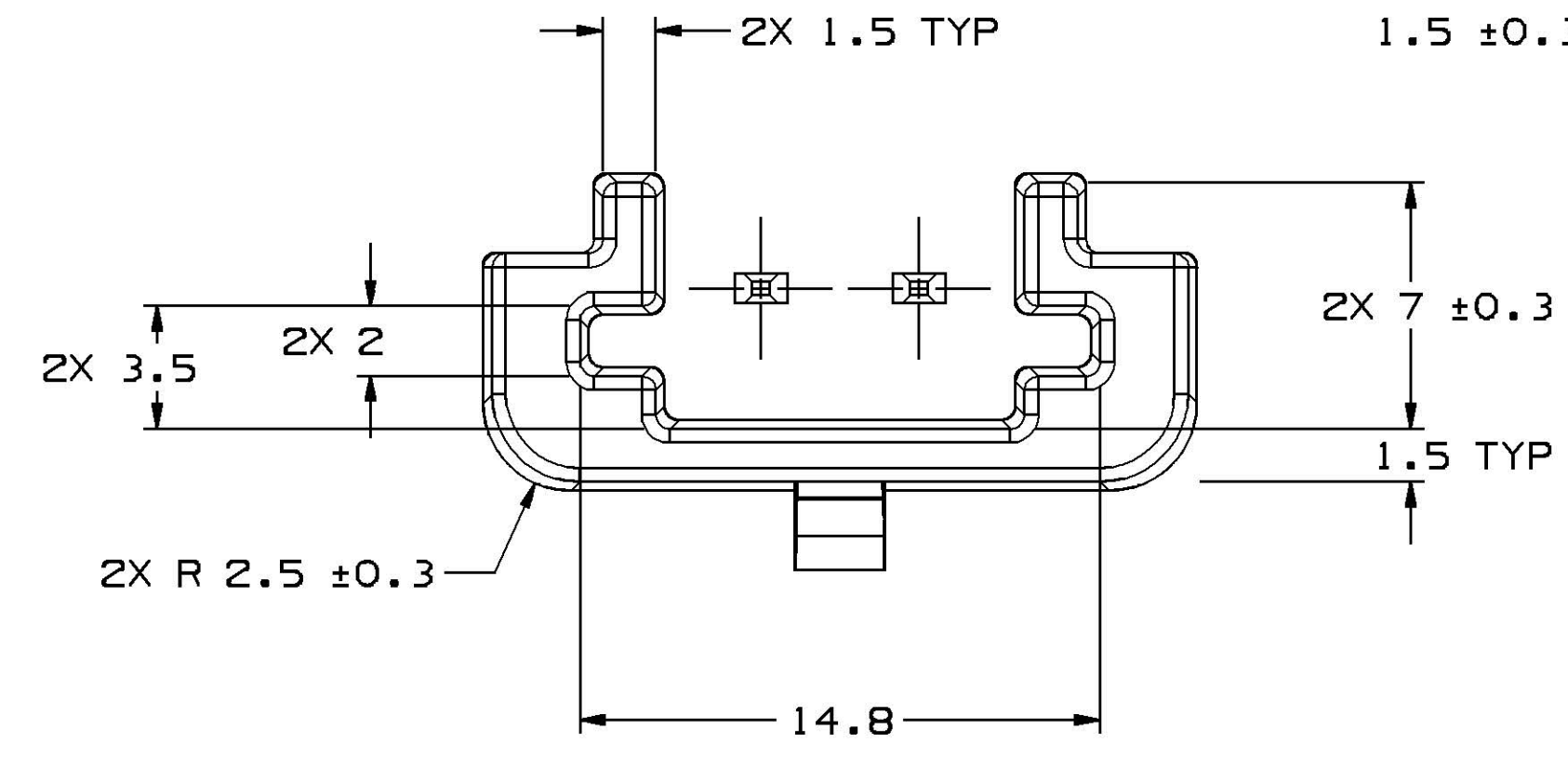
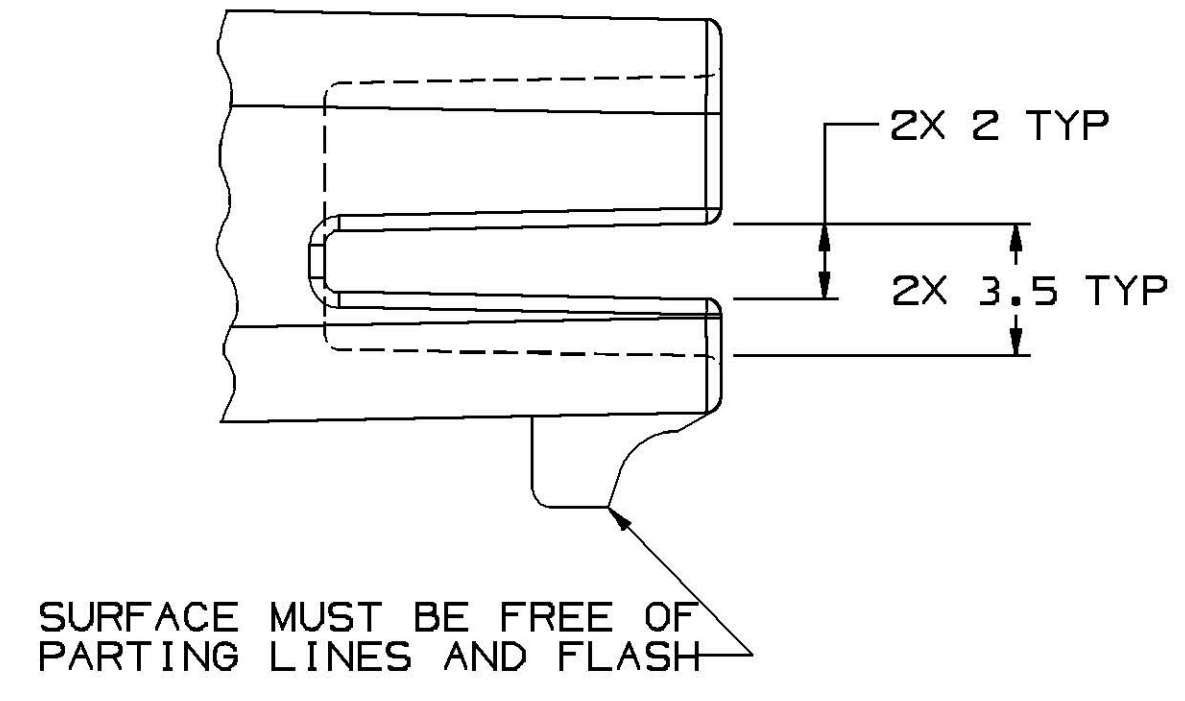
- BASE METAL - CDA-210, EXTRA SPRING TEMPER
- TIN PLATING (WHERE APPLICABLE TO 125°C MAX CONTINUOUS USAGE): 0.0050±0.0025 MM (200±100 μIN) ELECTROPLATED TIN.
- USAGE OF PLATING TYPES OTHER THAN RECOMMENDED MUST BE APPROVED BY DELPHI PACKARD ELECTRIC SYSTEMS ENGINEERING.

### MINIMUMS

- ELECTRICAL CONDUCTIVITY - ≥28% IACS AT 20 °C. USE OF A MATERIAL WITH CONDUCTIVITY <28% IACS MUST BE APPROVED BY PACKARD ELECTRIC MATERIALS ENGINEERING.
- TENSILE STRENGTH - 430 - 480 MPa
- UNDERPLATING FOR TIN PLATING - FOR BASE MATERIALS CONTAINING 10% OR MORE ZINC, AN UNDERPLATE OF COPPER 0.0025 MM (100 μIN) MINIMUM THICK IS REQUIRED.
- PROCESSING LUBRICANT - ANY PROCESSING LUBRICANT REMAINING ON TERMINALS MUST NOT VARNISH OR DEGRADE THE ELECTRICAL PERFORMANCE OF THE CONNECTION UP TO A MAXIMUM TEMPERATURE OF 150°C. PROCESSING LUBRICANTS MUST BE APPROVED BY DELPHI PACKARD ELECTRIC SYSTEMS ENGINEERING.

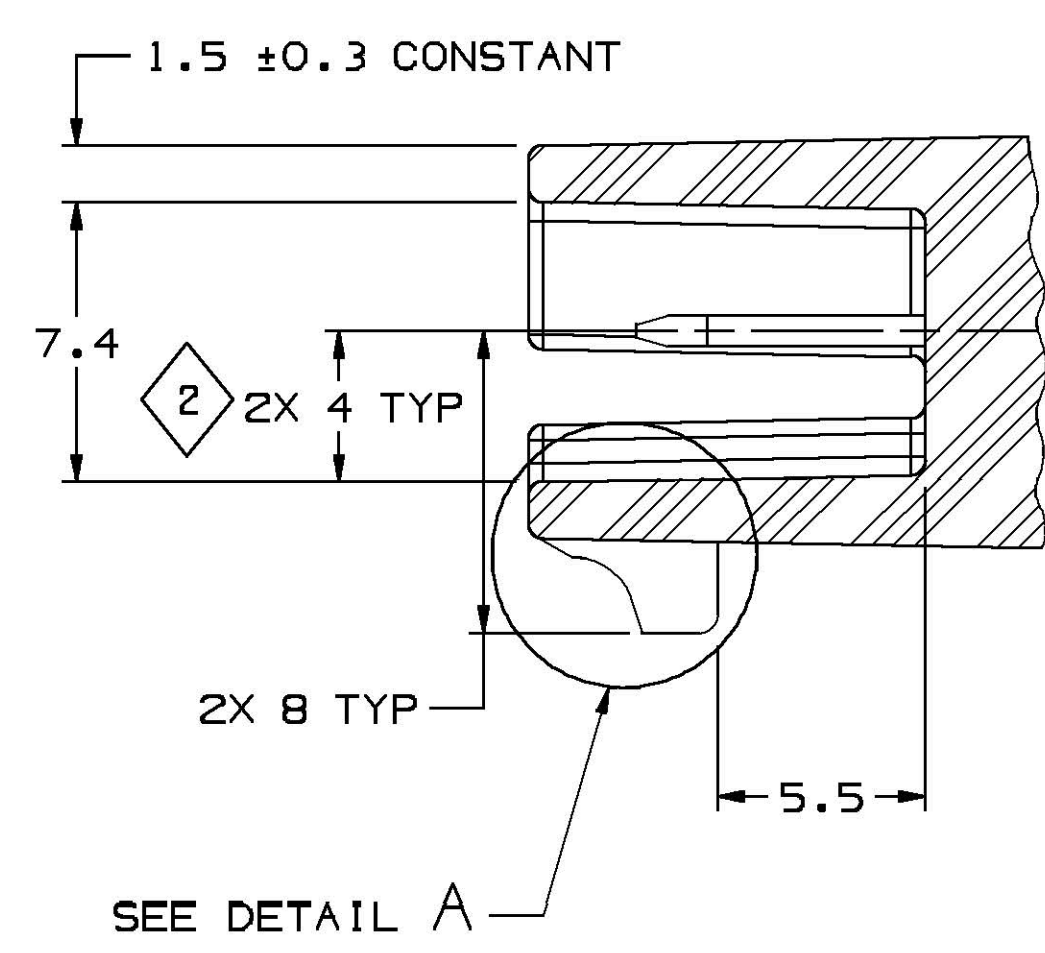
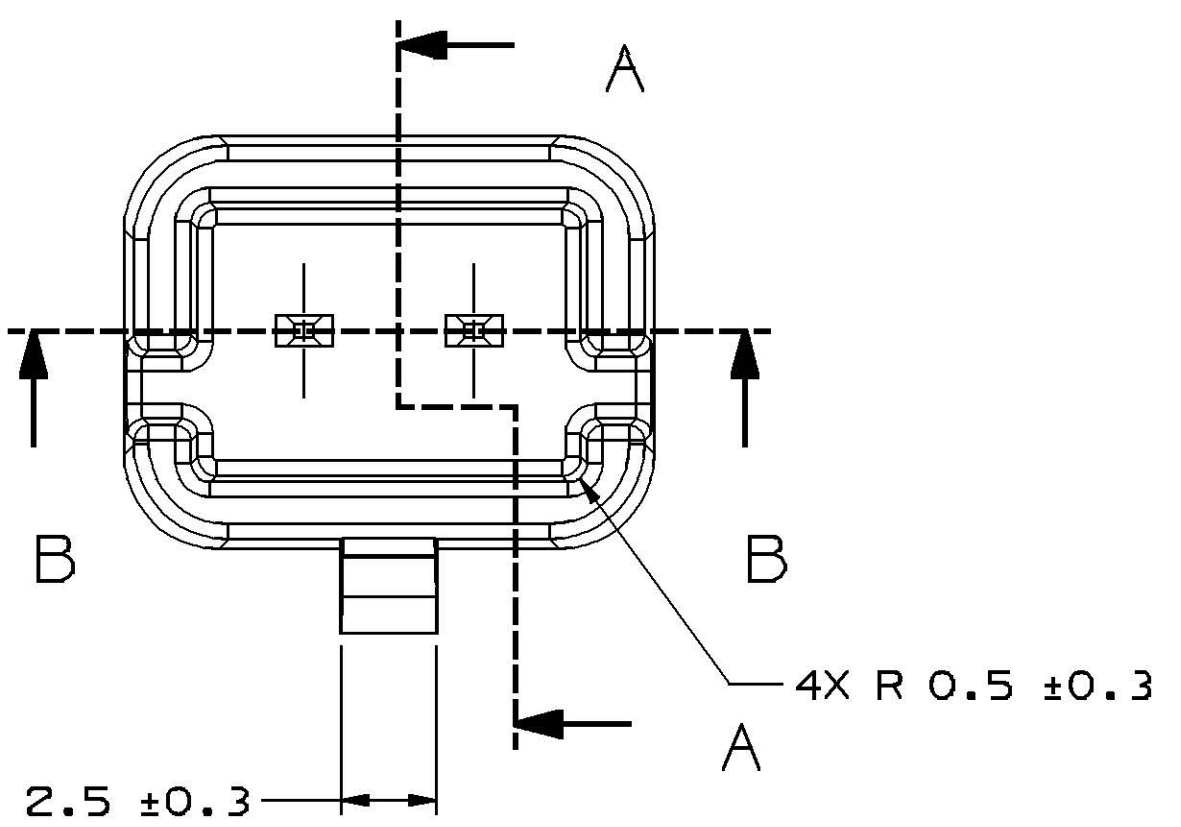
## MATING BLADE INFORMATION

| KEY PRODUCT CHARACTERISTIC SYMBOLS (⊙, ⊠) INDICATE PRODUCT CHARACTERISTICS THAT REQUIRE SPECIAL CARE, DOCUMENTATION, AND ACCEPTANCE CRITERIA PER 6M 1805 QN AND DELPHI PACKARD ELECTRIC SYSTEMS PROCEDURES. |                |   |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|---|--|
| KEY PRODUCT CHARACTERISTICS                                                                                                                                                                                 |                |   |  |
| ⊙ SAFETY/COMPLIANCE                                                                                                                                                                                         | ⊠ FIT/FUNCTION |   |  |
| TOTAL ON DRAWING                                                                                                                                                                                            |                | 2 |  |
| LAST NUMBER USED                                                                                                                                                                                            |                | 2 |  |

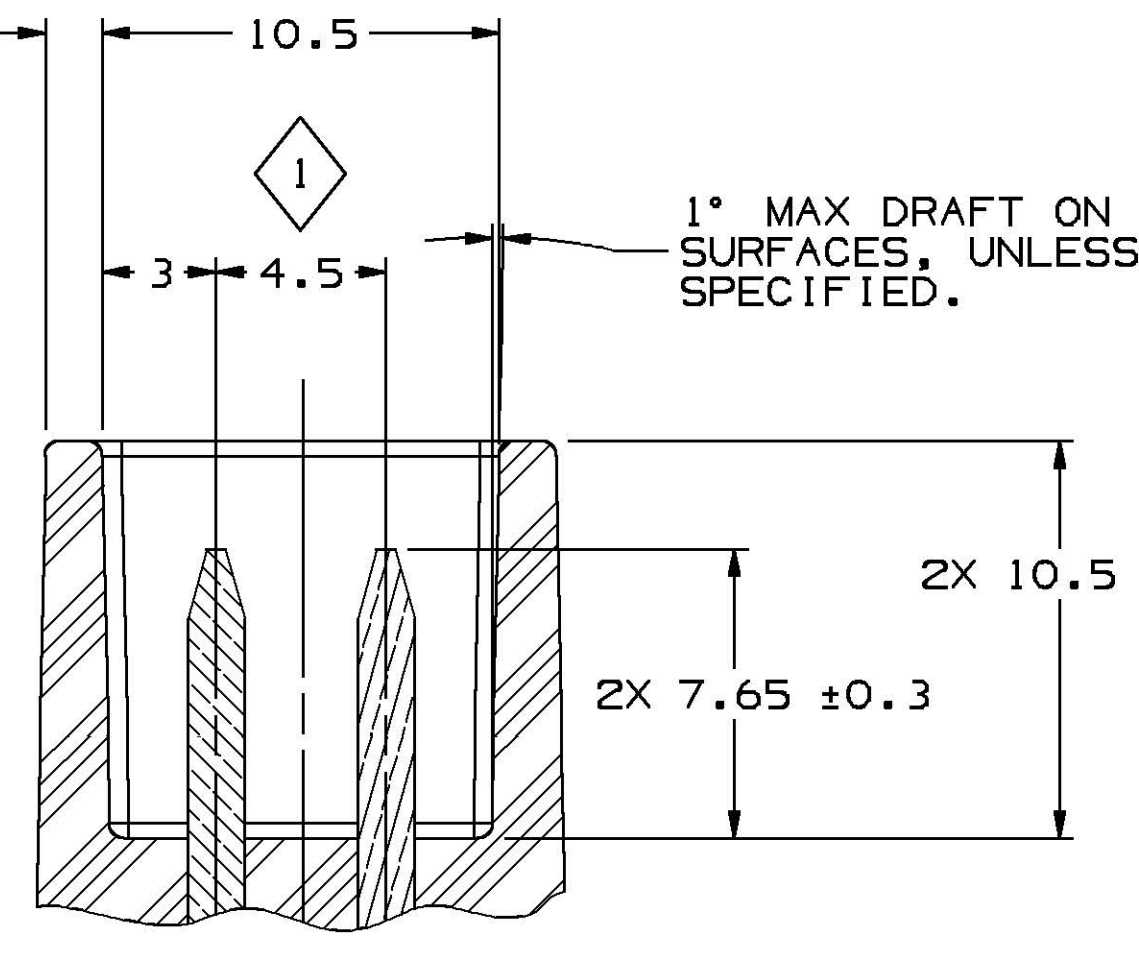


OPTIONAL CONSTRUCTION

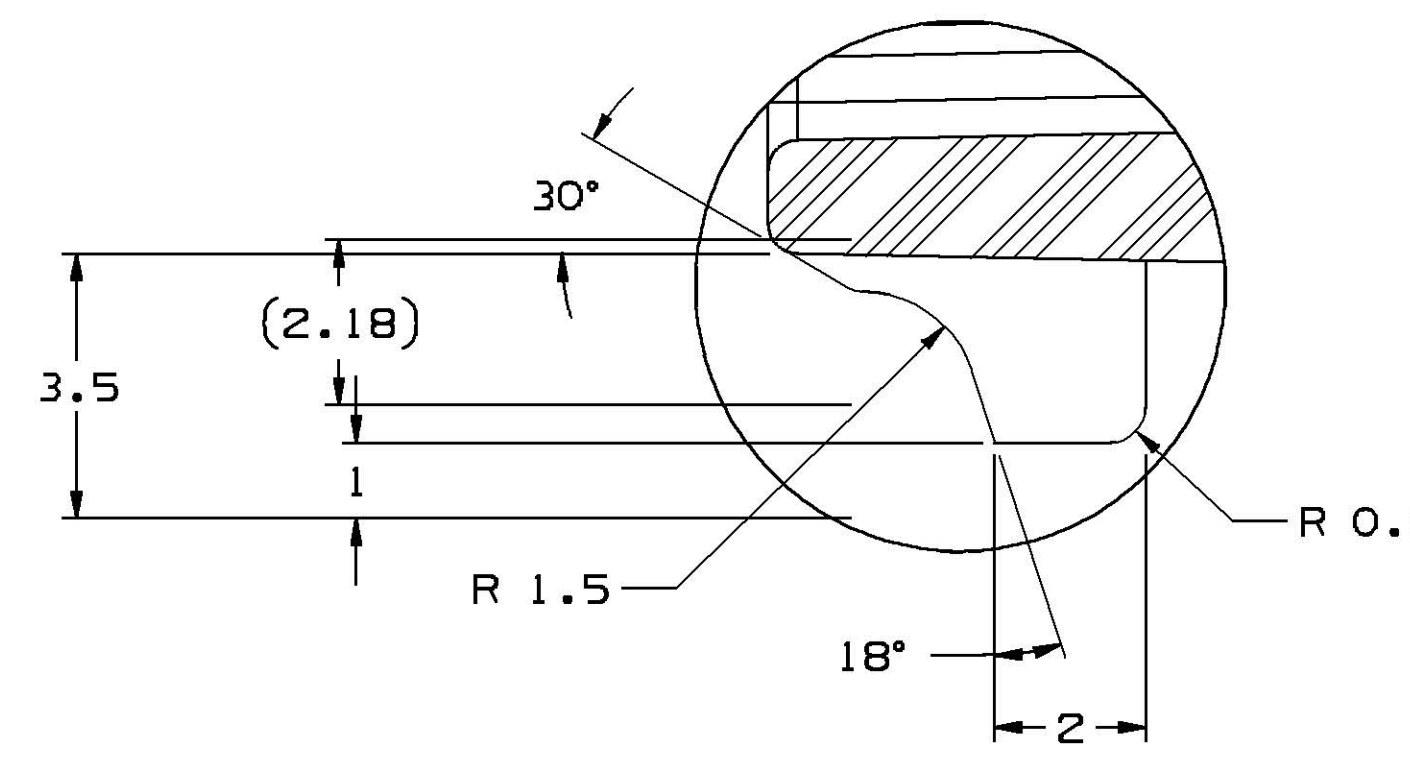
| SYMBOL DEFINITION                                                                                                                      |                                  | MISSING SYMBOLS |                          |
|----------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-----------------|--------------------------|
| 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 | 11              | NO MISSING SYMBOL NUMBER |
|                                                                                                                                        | LAST NO. USED                    | 9               |                          |



SECTION A-A



SECTION B-B



DETAIL A  
SCALE 10:1

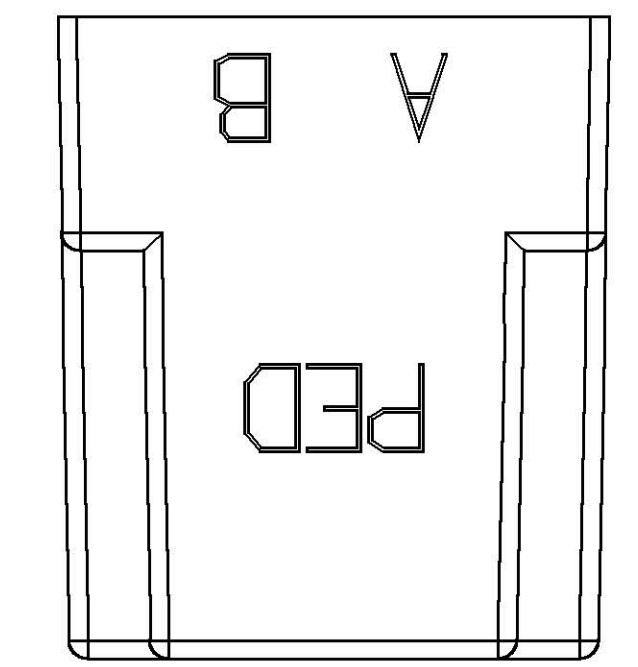
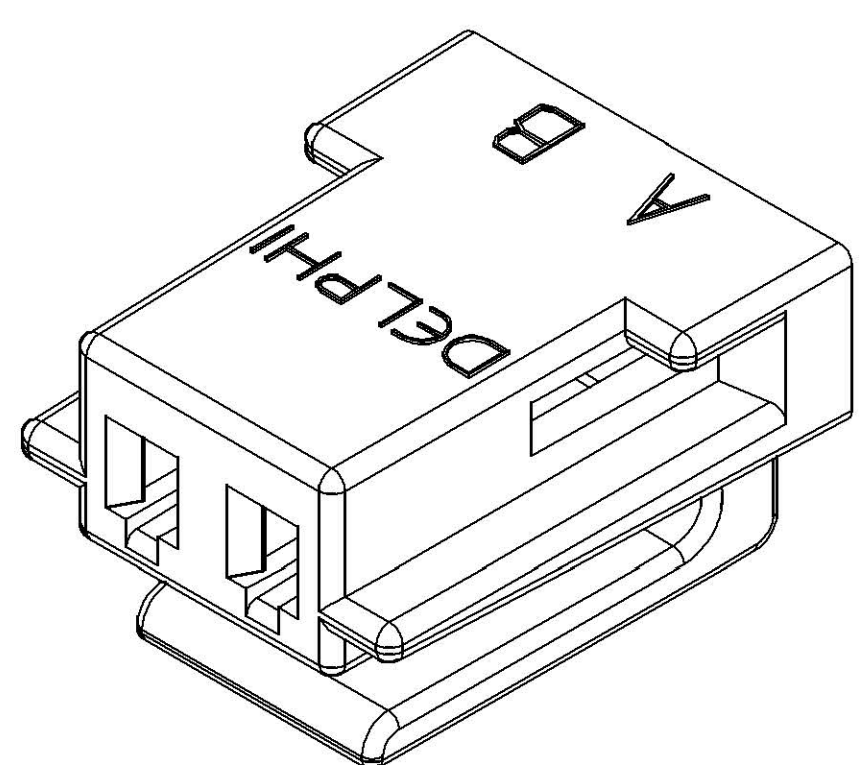
## MATING CONNECTOR INFORMATION

### NOTES

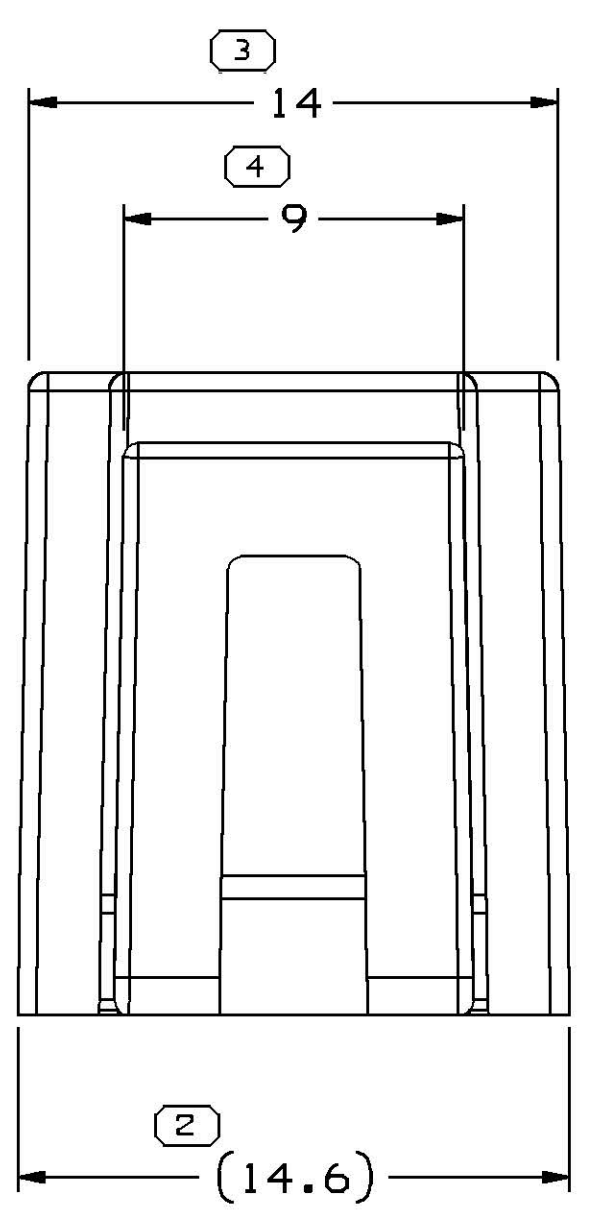
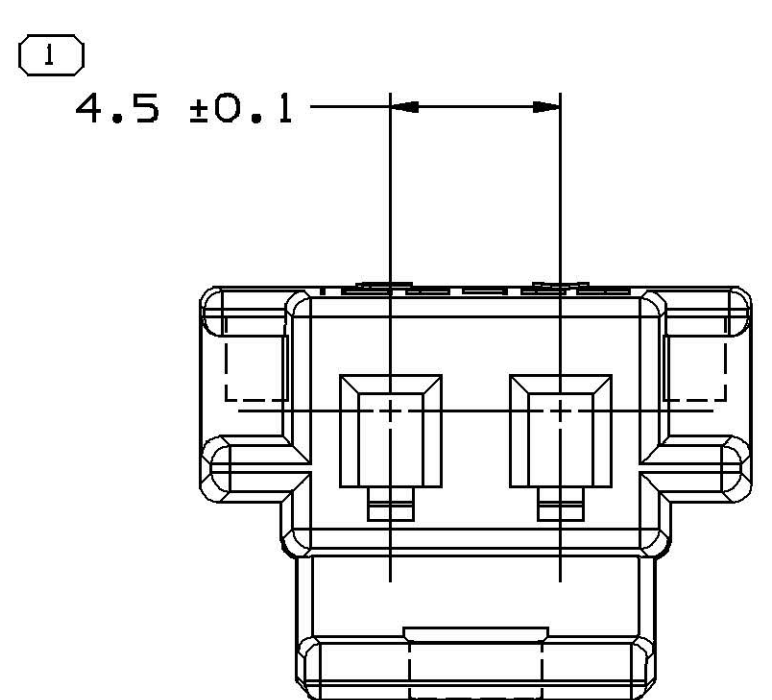
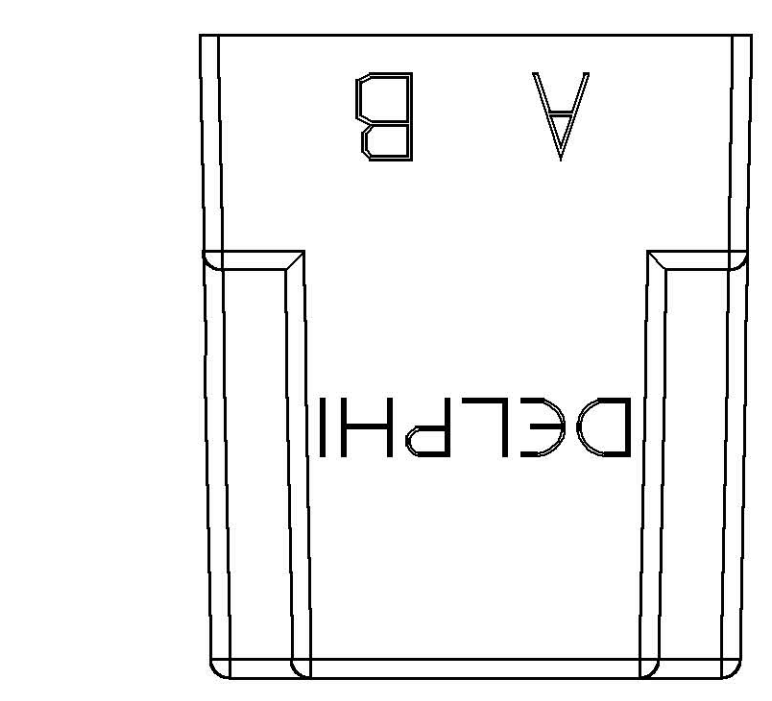
- UNLESS OTHERWISE SPECIFIED AND/OR INDICATED:  
DIMENSIONS ARE TO FACE OF VIEW SHOWN AND AUTOMATICALLY ROUNDED BY COMPUTER FOR INSPECTION (SEE MATH MODEL FOR PRECISE DIMENSIONS). FOR ALL OTHER DIMENSIONS NOT SHOWN BUT REQUIRED FOR TOOL BUILD, SEE MATH MODEL FOR PRECISE TOOL PATH DATA. ALL RADII 0.4  
DRAFT IS 1° ON ALL OUTSIDE SURFACES
- KEY PRODUCT CHARACTERISTIC SYMBOLS (⊙, ⊠) INDICATE PRODUCT CHARACTERISTICS THAT REQUIRE SPECIAL CARE, DOCUMENTATION, AND ACCEPTANCE CRITERIA PER 6M TARGETS FOR EXCELLENCE.
- RECOMMENDED MATERIAL:  
GLASS REINFORCED NYLON OR POLYESTER

### NOTES

- 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.
- FOR APPLICATION DATA SEE THE INDIVIDUAL APPLICATION DRAWINGS.
- 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 DPNP-4.7-CS-01.
- MATERIAL SELECTED FOR FUEL TANK APPLICATIONS.



OPTIONAL CONSTRUCTION



|          |     |     |          |                          |           |             |          |
|----------|-----|-----|----------|--------------------------|-----------|-------------|----------|
| 13957519 | 01  | AA  | -        | ACETAL COMPOUND BLACK    | 1.053     | -           | 4        |
| 13952626 | 01  | AA  | -        | POLYAMIDE COMPOUND BLACK | 1.053     | -           | -        |
| 13894197 | 01  | AA  | OBSOLETE | POLYAMIDE COMPOUND BLACK | 1.053     | -           | -        |
| 13651345 | 01  | AB  | -        | POLYAMIDE COMPOUND GRAY  | 1.053     | -           | -        |
| 12059110 | E6  | -   | OBSOLETE | POLYAMIDE COMPOUND BLACK | 1.053     | 13957519    | -        |
| PART NO  | REV | N/P | STATUS   | MATERIAL AND COLOR       | VOL (CM³) | REPLACED BY | SEE NOTE |

| DIMENSIONAL RANGE (MM) |       | TOLERANCE UNLESS OTHERWISE SPECIFIED |                   |
|------------------------|-------|--------------------------------------|-------------------|
| FROM                   | TO    | TOLERANCE                            | ANGULAR TOLERANCE |
| > 0                    | > 20  | ±0.2                                 | ±2°               |
| > 20                   | > 30  | ±0.3                                 |                   |
| > 30                   | > 40  | ±0.4                                 |                   |
| > 40                   | > 50  | ±0.5                                 |                   |
| > 50                   | > 60  | ±0.6                                 |                   |
| > 60                   | > 70  | ±0.7                                 |                   |
| > 70                   | > 80  | ±0.8                                 |                   |
| > 80                   | > 90  | ±0.9                                 |                   |
| > 90                   | > 100 | ±1.0                                 |                   |
| > 100                  | > 120 | ±1.2                                 |                   |
| > 120                  | > 150 | ±1.5                                 |                   |
| > 150                  | > 200 | ±2.0                                 |                   |
| > 200                  | > 250 | ±2.5                                 |                   |
| > 250                  | > 300 | ±3.0                                 |                   |
| > 300                  | > 400 | ±4.0                                 |                   |

| PROCESS SENSITIVE DIMENSION |               |
|-----------------------------|---------------|
| 9                           | DO NOT SCALE  |
|                             | USE MATH DATA |

|                                                                 |                    |
|-----------------------------------------------------------------|--------------------|
| <b>DELPHI</b>                                                   |                    |
| DELPHI PACKARD ELECTRICAL/ELECTRONIC ARCHITECTURE<br>WARREN, OH |                    |
| DR                                                              | DATE               |
| APV01 P. C. PRIDMORE                                            | 06JN07             |
| APV02 P. C. PRIDMORE                                            | 06JN07             |
| APV03 BRIAN GROUBERT                                            | 06JN07             |
| APV04                                                           |                    |
| APV05                                                           |                    |
| SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER DELPHI (0944930) |                    |
| DRAWING NAME<br>TAXI CONN M/P 150                               |                    |
| DRAWING NUMBER<br>13651346                                      |                    |
| SIZE<br>A0                                                      | SCALE<br>5:1       |
| FRAME NO<br>1 OF 1                                              | SHEET NO<br>1 OF 1 |
| STG<br>R                                                        | REV<br>04          |