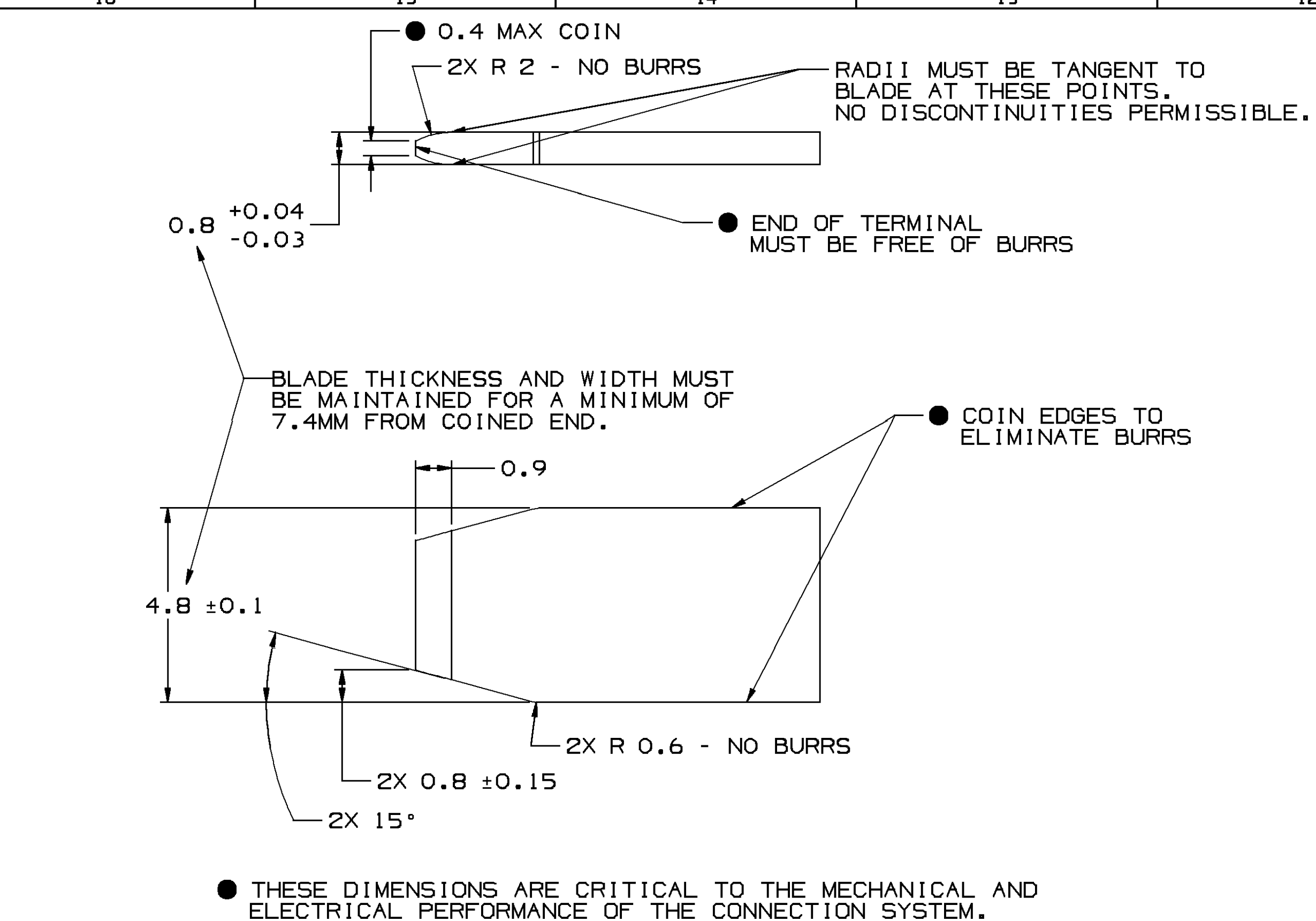




**MATERIAL SPECIFICATIONS**

**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**

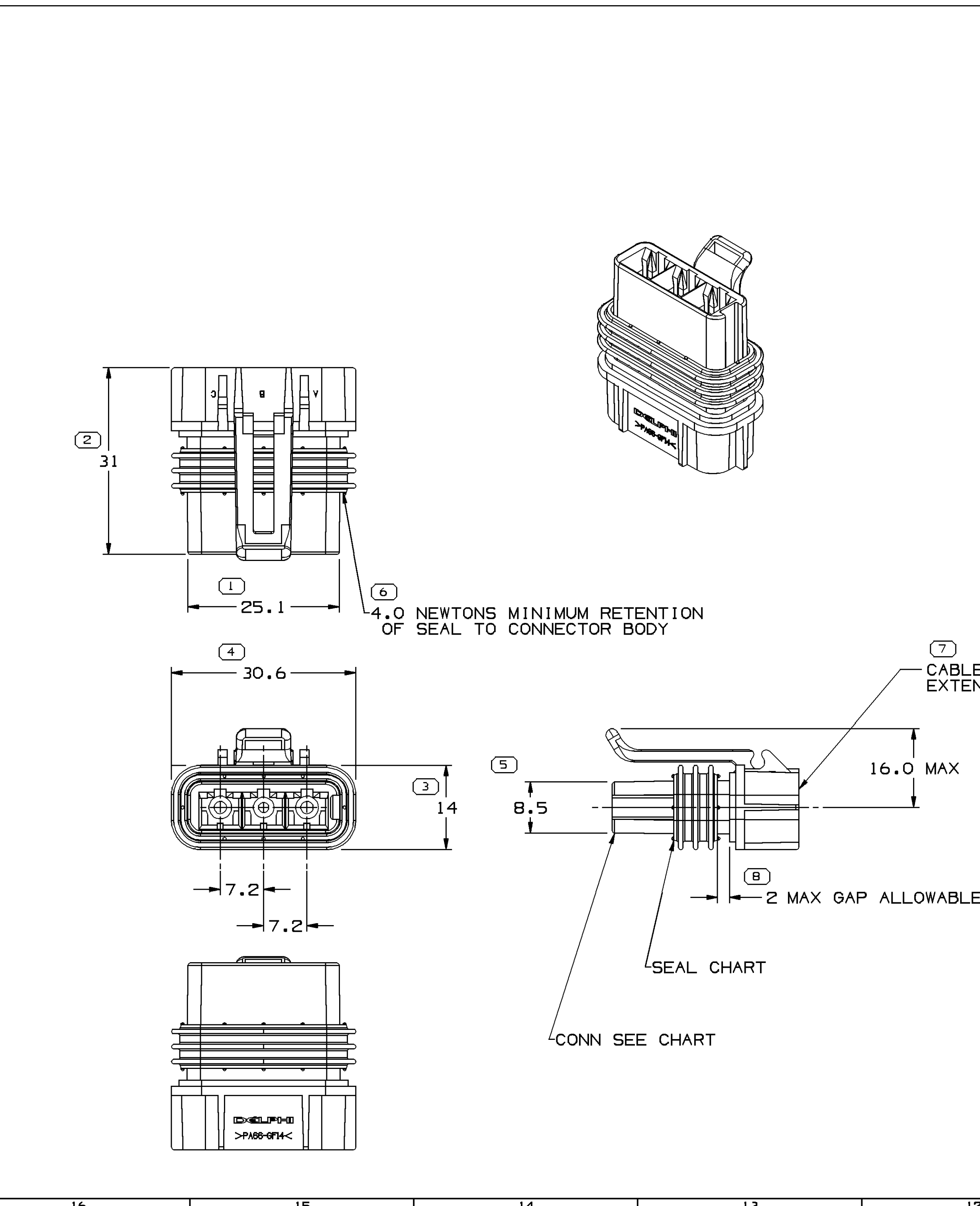
ELECTRICAL CONDUCTIVITY - ≥28% IACS AT 20 °C. USE OF A MATERIAL WITH CONDUCTIVITY <28% IACS MUST BE APPROVED BY PACKARD ELECTRIC MATERIALS ENGINEERING.

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.

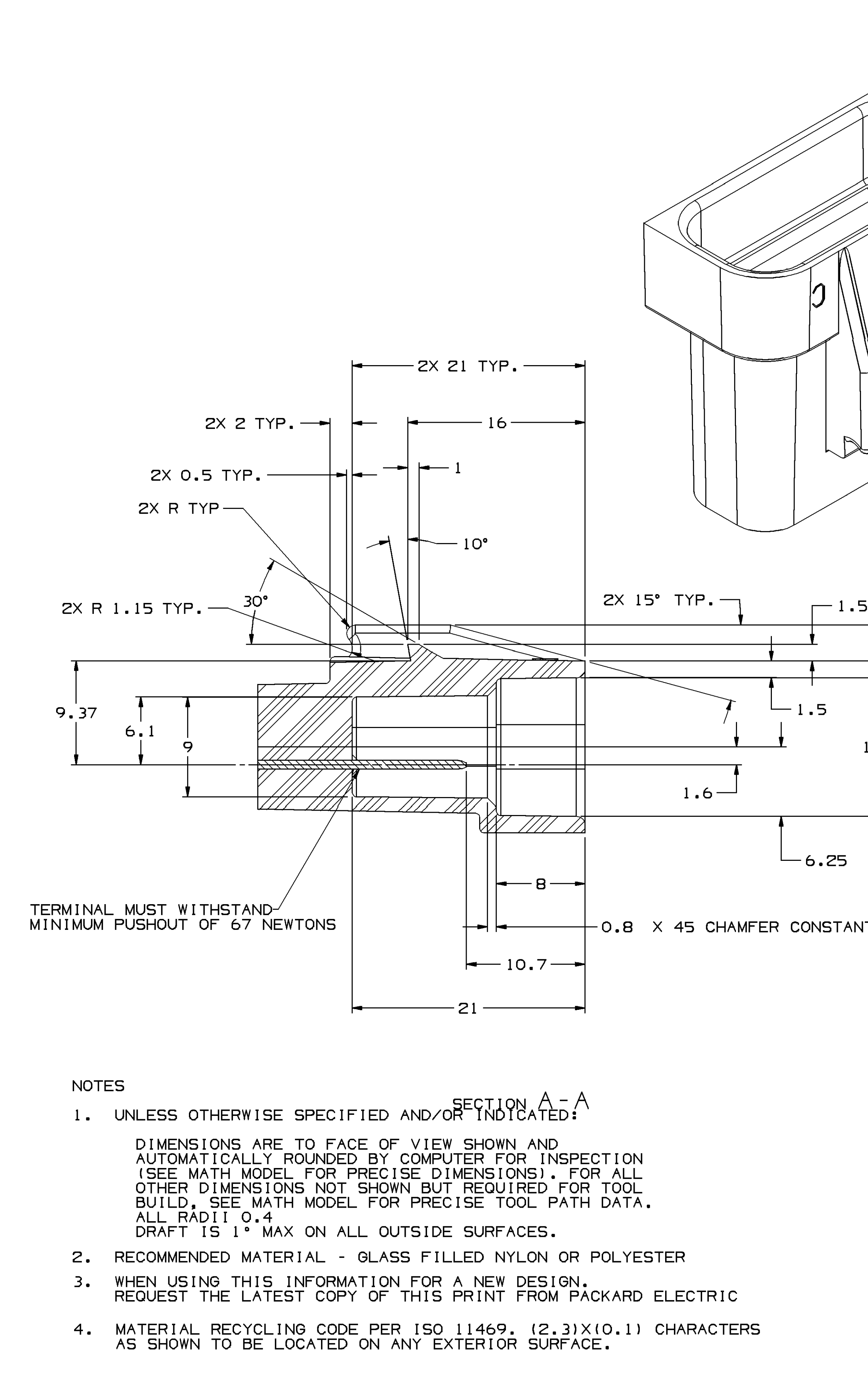
PROCESSING LUBRICANT - ANY PROCESSING LUBRICANT REMAINING ON TERMINALS MUST NOT VARNISH OR DEGRADE THE ELECTRICAL PERFORMANCE OF THE CONNECTION UP TO A MAXIMUM TEMPERATURE OF 150°C. PROCESSING LUBRICANTS MUST BE APPROVED BY DELPHI PACKARD ELECTRIC SYSTEMS ENGINEERING.

**MATING BLADE INFORMATION**



**MATING CONNECTOR INFORMATION**

SCALE 4:1



**NOTES**

1. UNLESS OTHERWISE SPECIFIED AND/OR INDICATED:

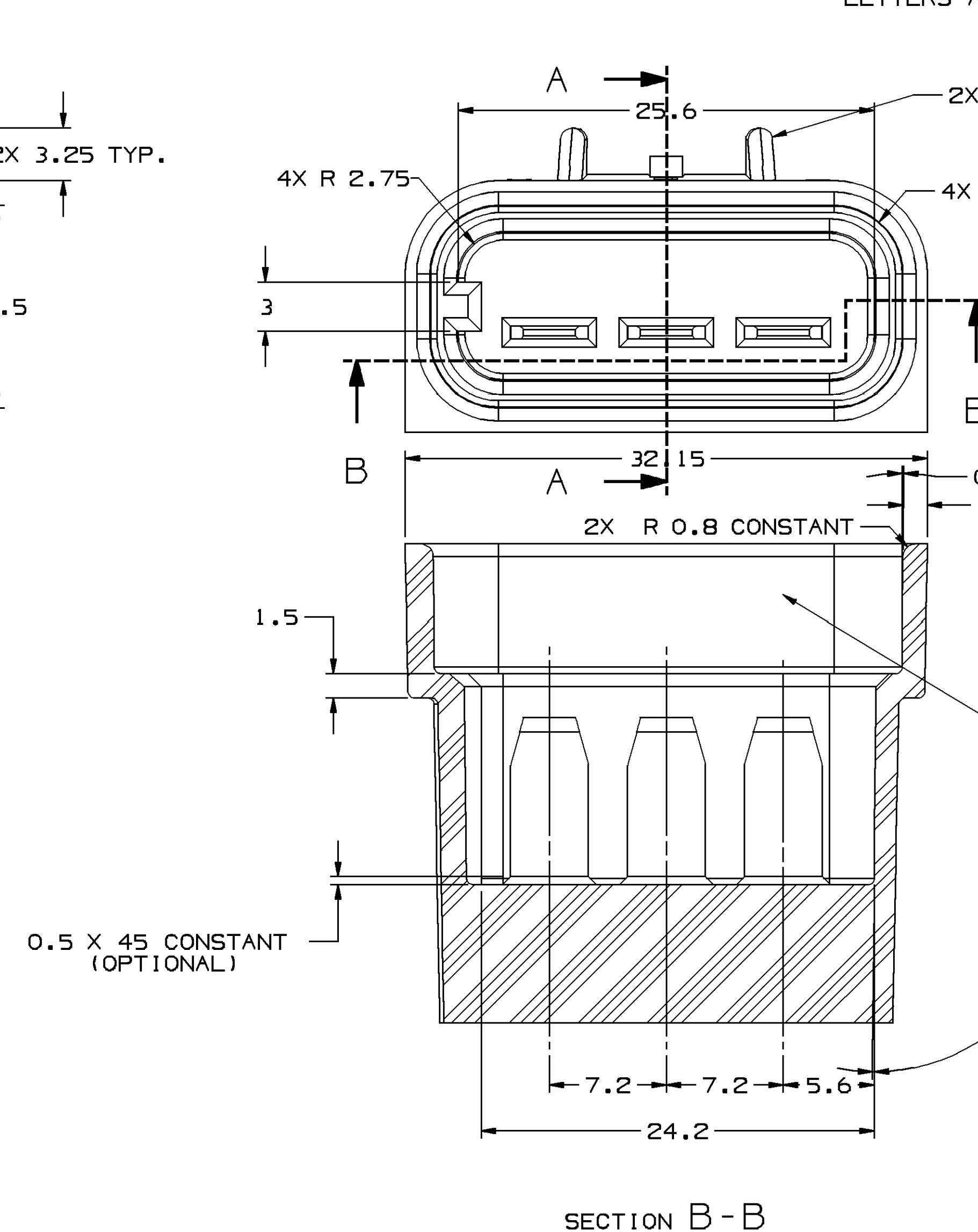
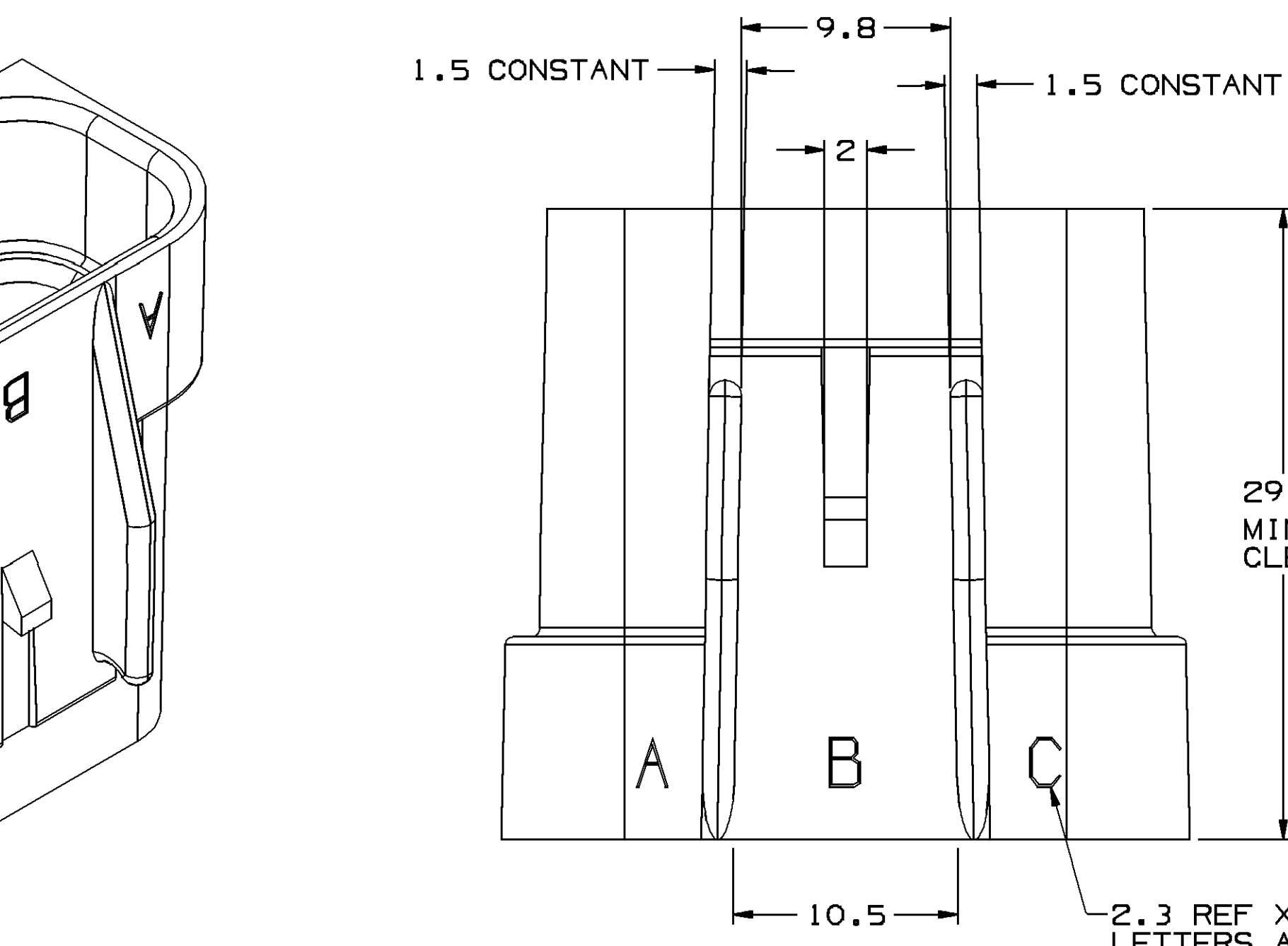
DIMENSIONS ARE TO FACE OF VIEW SHOWN AND AUTOMATICALLY ROUNDED BY COMPUTER FOR INSPECTION (SEE MATH MODEL FOR PRECISE DIMENSIONS). FOR ALL OTHER DIMENSIONS NOT SHOWN BUT REQUIRED FOR TOOL BUILD, SEE MATH MODEL FOR PRECISE TOOL PATH DATA. ALL RADII 0.4 DRAFT IS 1° MAX ON ALL OUTSIDE SURFACES.

2. RECOMMENDED MATERIAL - GLASS FILLED NYLON OR POLYESTER

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

4. MATERIAL RECYCLING CODE PER ISO 11469. (2,3)X(0,1) CHARACTERS AS SHOWN TO BE LOCATED ON ANY EXTERIOR SURFACE.

| SYMBOL DEFINITION                                                                                                                      |   |
|----------------------------------------------------------------------------------------------------------------------------------------|---|
| A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING. |   |
| LAST NO. USED                                                                                                                          | 8 |



**SECTION B-B**

- 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 POSITION ASSURANCE 1 (DELPHI P/N 1 OR EQUIVALENT)
3. THIS ASSEMBLY ACCEPTS THE FOLLOWING COMPONENTS OR EQUIVALENT:
- 480 SERIES FEMALE PULL TO SEAT TERMINAL 12092306 OR EQUIVALENT  
MAX CABLE O.D. 3.10 DIA.  
CONNECTOR SEAL 12092308 OR EQUIVALENT  
CABLE SEAL 12092309 OR EQUIVALENT  
MATING PART NUMBER OF DELCO PRODUCTS BRUSHLESS BLOWER MOTOR COVER 5045961 OR EQUIVALENT
4. WHEN PARTS ARE SHIPPED, THEY MUST BE PACKED IN PLASTIC BAGS OR SHIPPING CONTAINER MUST BE LINED WITH PLASTIC LINERS BAGS OR LINERS MUST BE SEALED TO AVOID ENTRY OF FOREIGN MATTER
5. SEALING CODE 3

| DIMENSIONAL RANGE (MM)                                        |     | CHART | ET   |
|---------------------------------------------------------------|-----|-------|------|
| FROM                                                          | > 0 | > 20  | > 30 |
| TO                                                            | 20  | 20    | 30   |
| TOLERANCE UNLESS OTHERWISE SPECIFIED                          |     |       |      |
| [40,15] ±0.2 [40,31] ±0.4 [40,51] ±0.6 [40,61] ±0.8 [41] ±1.2 |     |       |      |
| ANGULAR TOLERANCE 22°                                         |     |       |      |

| DATE   |    | STG | REV | N/P | CHG | ZONE | REVISION HISTORY                                              |  | AUTH   | DR  | AP/D | AP/D |
|--------|----|-----|-----|-----|-----|------|---------------------------------------------------------------|--|--------|-----|------|------|
| 070C87 | A  | -   | -   | -   | -   | -    | DRAWING COMPLETE                                              |  | -      | WRS | 1    | 2    |
| 18N087 | B  | -   | -   | -   | -   | -    | REVISED                                                       |  | -      | WRS |      |      |
| 13JN88 | C  | -   | -   | -   | -   | -    | 15.75 WAS 15.650/15.350, 21.00 WAS 20.00 & 1.15 R. WAS 1.00 R |  | -      | JR  |      |      |
| 21MR89 | D  | -   | -   | -   | -   | -    | REMOVED CPA, WAS PE012825 AND RELEASED                        |  | 890005 | TEM | TEM  |      |
| 11SE89 | E  | -   | -   | -   | -   | -    | 16.00 DIM WAS 15.75                                           |  | 129193 | AL  |      |      |
| 10N006 | E1 | -   | -   | -   | -   | -    | REDRAWN                                                       |  | 285543 | WHC | WHC  | ET   |

**MISSING SYMBOLS**

NO MISSING SYMBOL NUMBER

**SYMBOL DEFINITION**

A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.

LAST NO. USED: 8

**PROCESS SENSITIVE DIMENSION**

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

**THIRD ANGLE PROJECTION**

DO NOT SCALE

USE MATH DATA

**DELPHI**

DELPHI PACKARD ELECTRIC SYSTEMS  
WARREN, OH

**DRAWING NAME:**  
ASM CONN 3 F M/P 480 BLK SLD

**DRAWING NUMBER:**  
12092311

**SIZE:**  
A0

**SCALE:**  
2:1

**FRAME NO:**  
1

**SHEET NO:**  
1

**STG:**  
E1

**REV:**  
N/P

**DATE:**  
15-May-08

**Time:**  
09:26





Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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**Факс:** 8 (812) 320-02-42

**Электронная почта:** [org@eplast1.ru](mailto:org@eplast1.ru)

**Адрес:** 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.