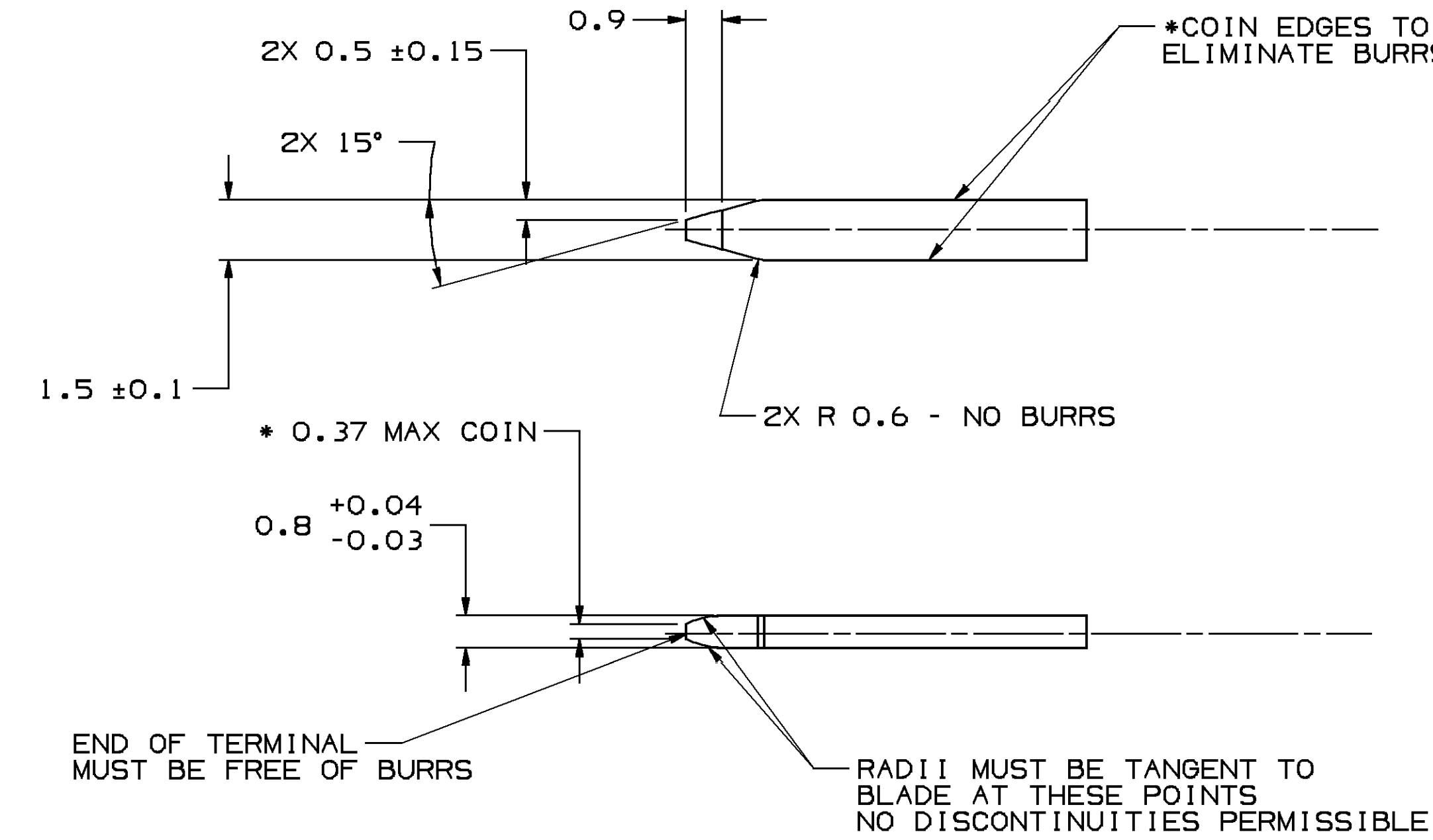




MATERIAL SPECIFICATIONS

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.

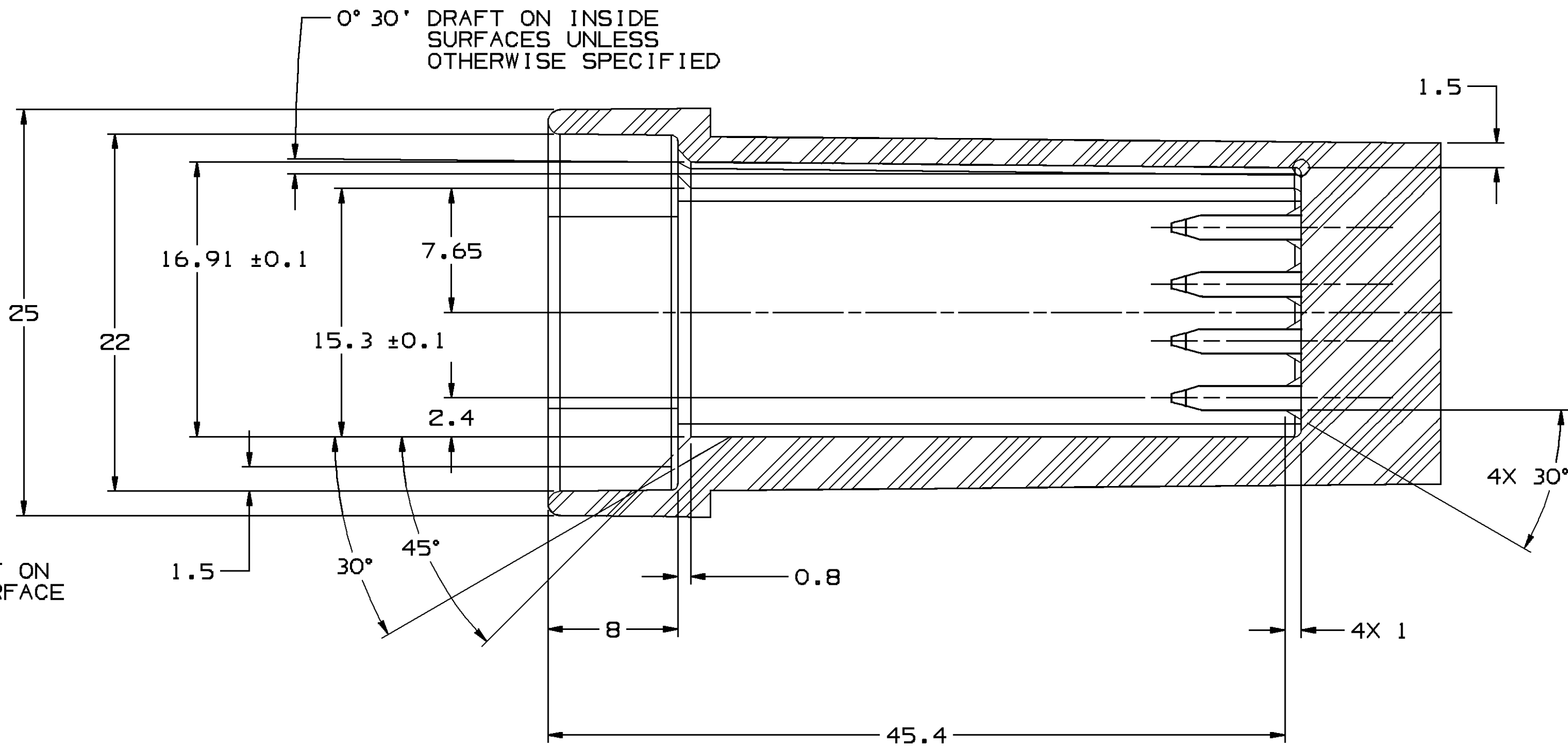
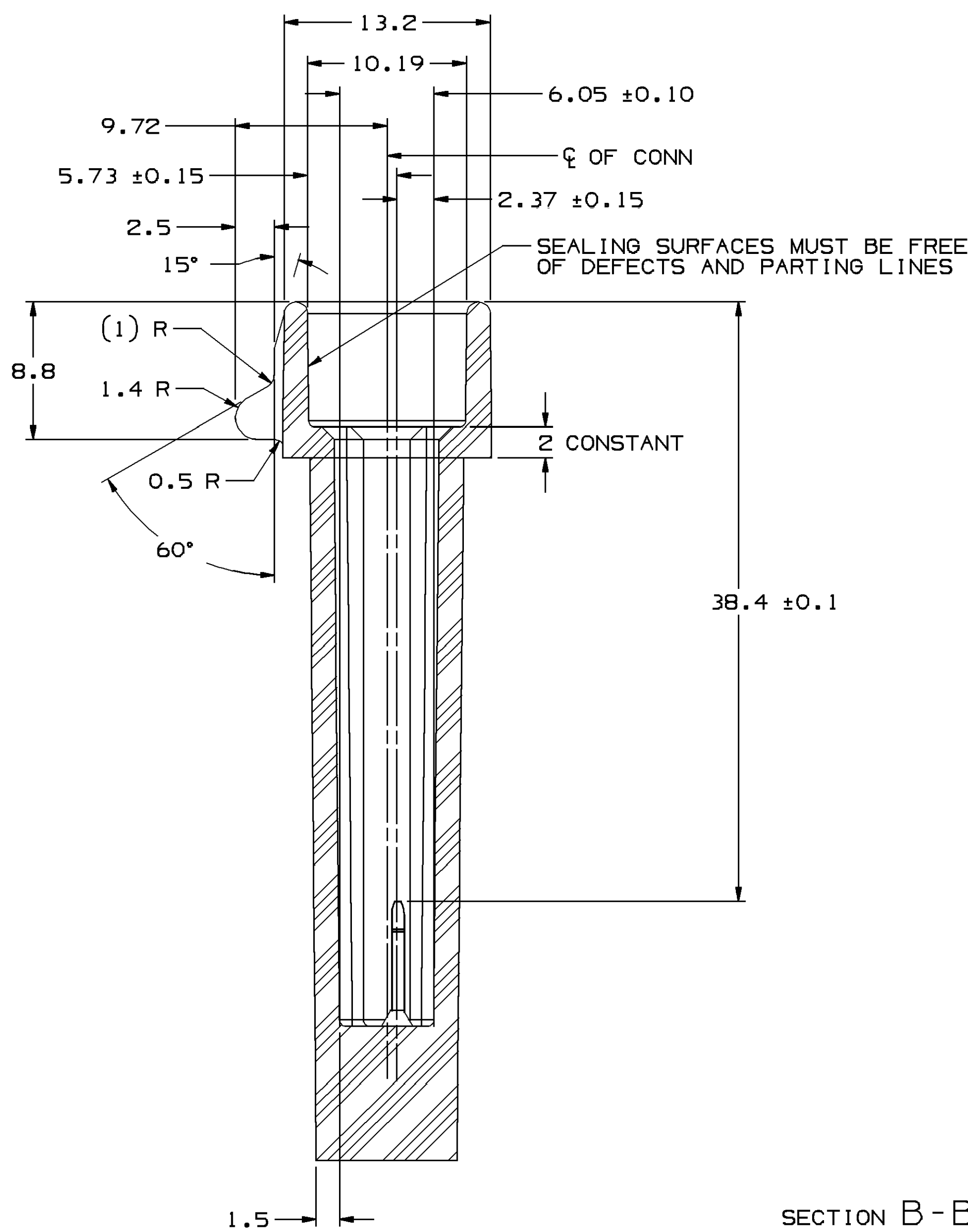
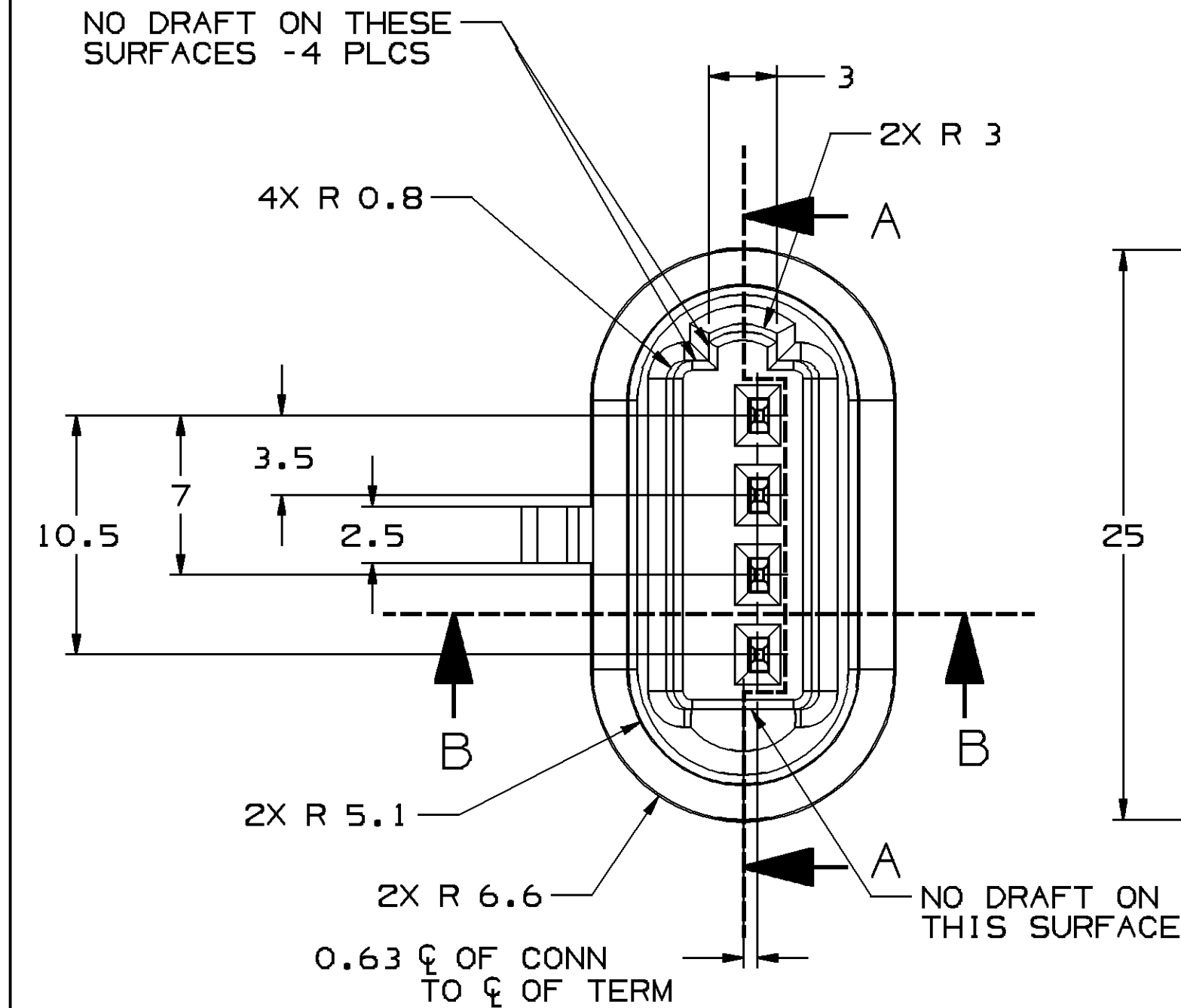
MINIMUMS

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.



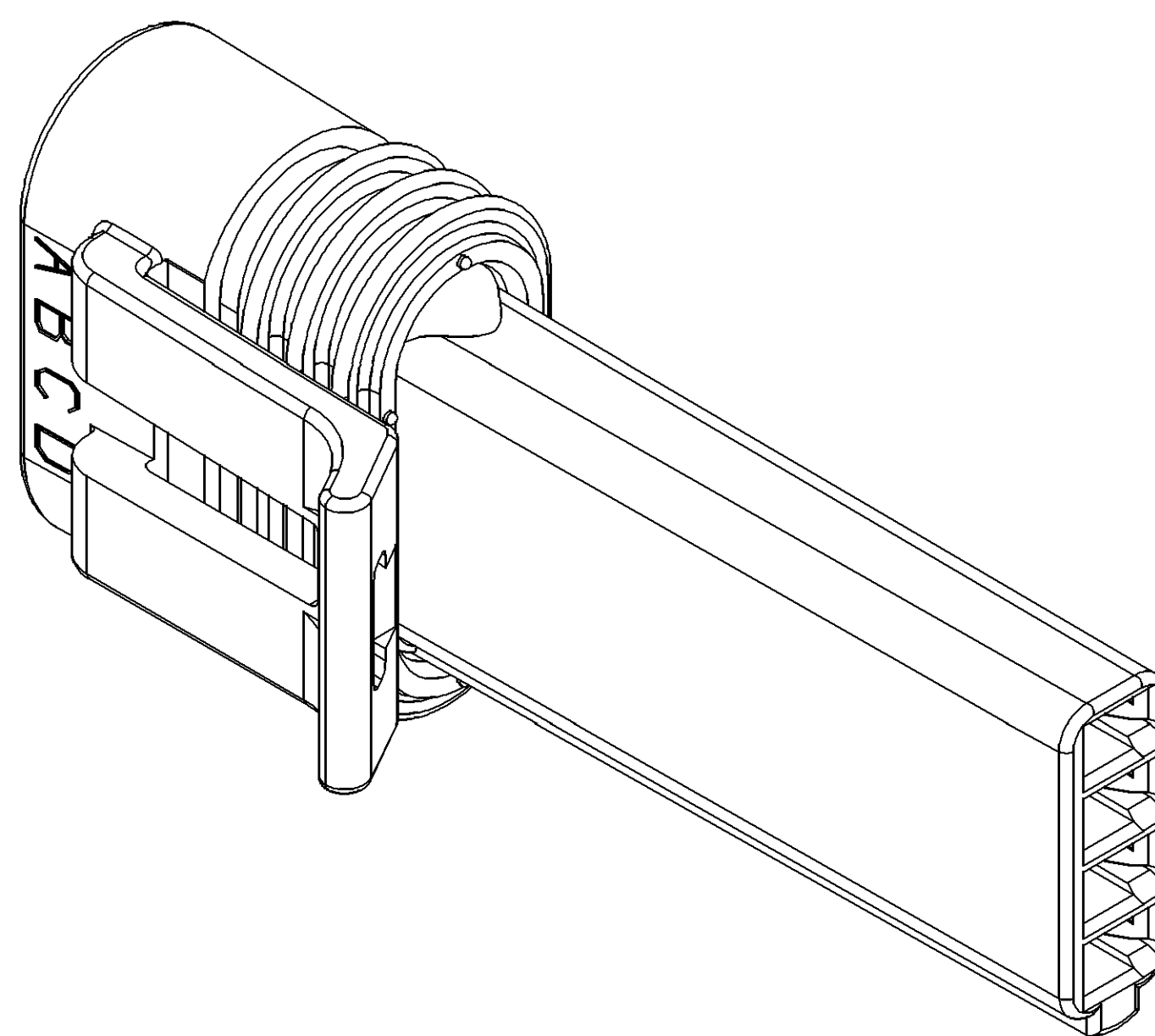
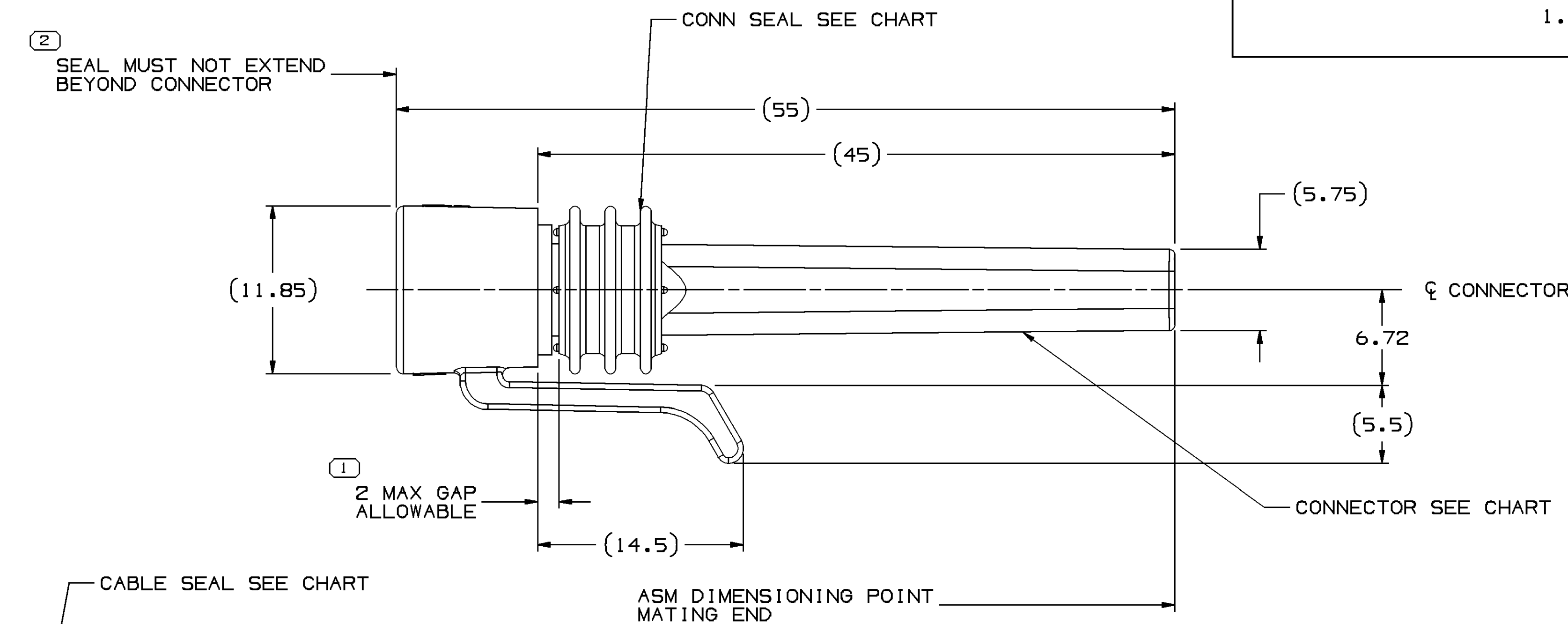
SECTION A-A

NOTES:

1. UNLESS OTHERWISE SPECIFIED AND/OR INDICATED:
DIMENSIONS ARE TO FACE OF VIEW SHOWN
ALL RADIUS 0.40
DRAFT IS 1° 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 DELPHI CONNECTION SYSTEM.

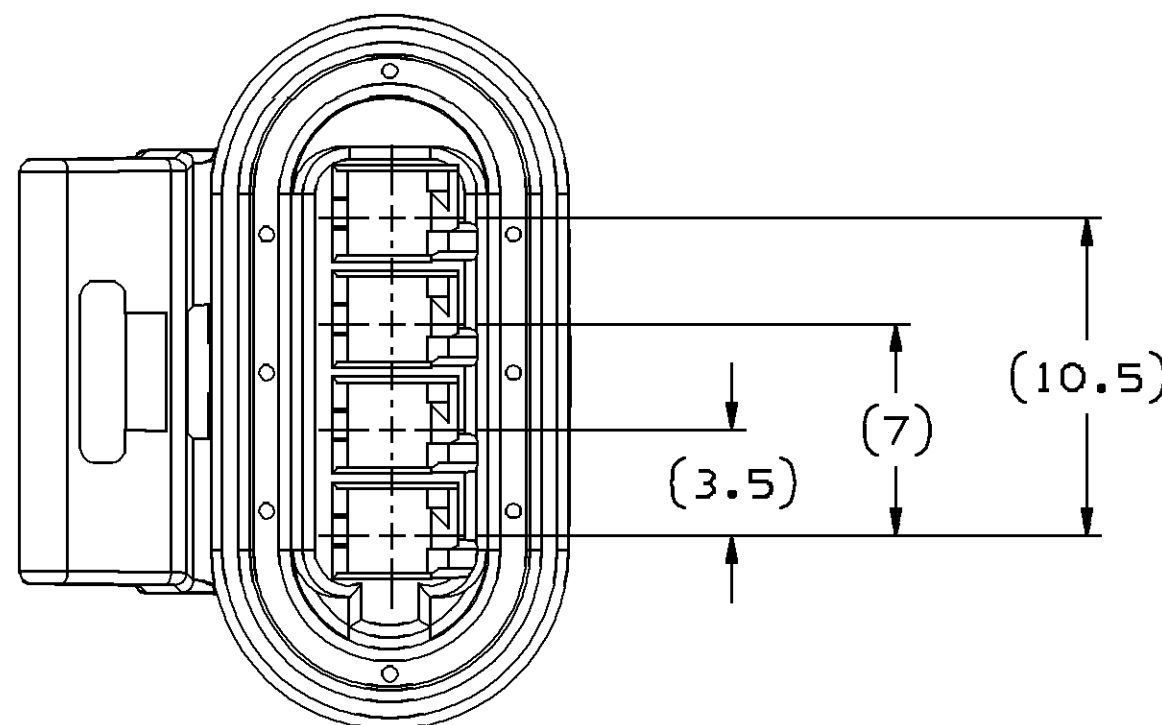
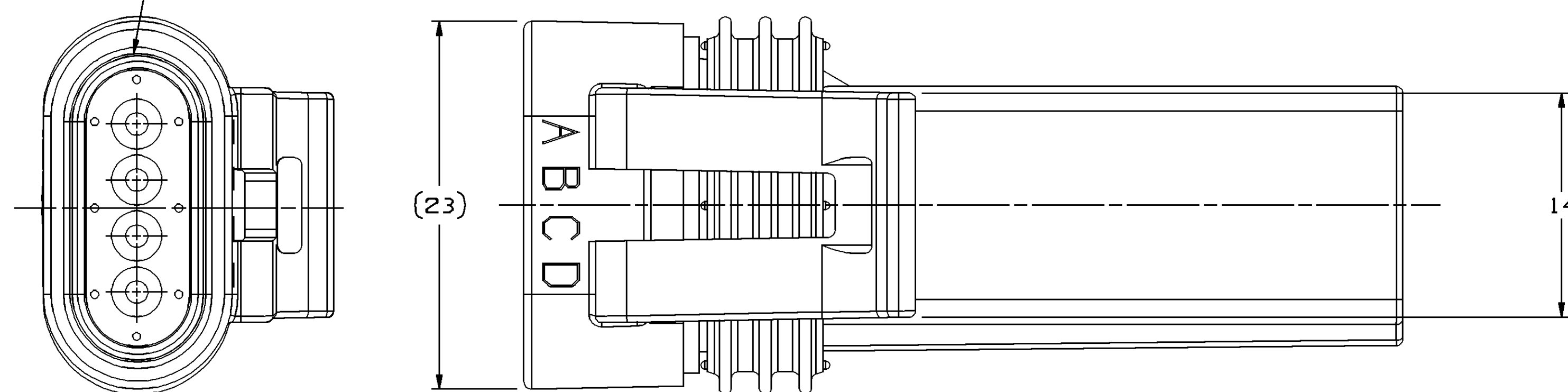
MATING CONNECTOR INFORMATION

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.
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 FOREIGN MATTER.
3. DESIGN WILL MEET REQUIREMENTS OF SAE/USCAR-2
CONNECTOR SYSTEM ENVIRONMENTAL TEST FLOWCHART
(PRESSURE/VACUUM AND SUBMERSION).
4. FOR LEAD LENGTH CALCULATIONS DISTANCE FROM MATING END OF
CONNECTOR TO FRONT OF CABLE CORE IS 8.6±1.55
5. FOR APPLICATION DATA SEE THE APPLICATION DRAWING.
6. 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.



12162861	12162740	12040756	12078081
PART NO	CONNECTOR	CONN SEAL	CABLE SEAL

(N/A) PROCESS SENSITIVE DIMENSION	
DIMENSIONS ENCLOSED IN () INDICATE REFERENCE DIMENSIONS AND NO TOLERANCE LIMITS ARE ESTABLISHED	
DIMENSIONAL RANGE (MM)	
FROM	0 > 20 > 30 > 70 > 100
TO	20 30 70 100 > 100
TOLERANCE UNLESS OTHERWISE SPECIFIED	
±0.15 ±0.2 ±0.3 ±0.4 ±0.5	
ANGULAR TOLERANCE ±2°	

THIRD ANGLE PROJECTION	DO NOT SCALE	USE MATH DATA
---------------------------	-----------------	------------------

DWG TYPE	PART DRAWING
STYLE	
VOLUME (QTY)	
DISTR CODE	D

UNLESS OTHERWISE SPECIFIED
THIS DOCUMENT IS IN ACCORDANCE WITH SAE J1454-1994 AS ISSUED BY THE SAE STANDARDS BOARD. NO TOLERANCE ADDENDUMS, SEPARATE NOTATIONS OF FEATURES MAY BE BASED SEPARATELY PERMISSIBLE OF DUTY REFERENCES.

ALL DIMENSIONS ARE IN MILLIMETERS
REFERENCE
12129619

DELPHI	
DELPHI PACKARD ELECTRICAL/ELECTRONIC ARCHITECTURE WYOMING, OH	
DR	DATE
APV01 J. VILLAMIL	14SE95
APV02 J. VILLAMIL	14SE95
APV03 D. BRANTINGHAM	14SE95
APV04	
APV05	
SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER DELPHI 10949001	
DRAWING NAME	
ASM CONN 4 F M/P 150.2 BLK SLD	
DRAWING NUMBER	
12162861	
SIZE	SCALE
A0	4:1
FRAME NO	1 OF 1
SHEET NO	1 OF 1
REV	R A1
DATE	

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

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Телефон: +7 495 668-12-70 (многоканальный)

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E-mail: info@moschip.ru

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