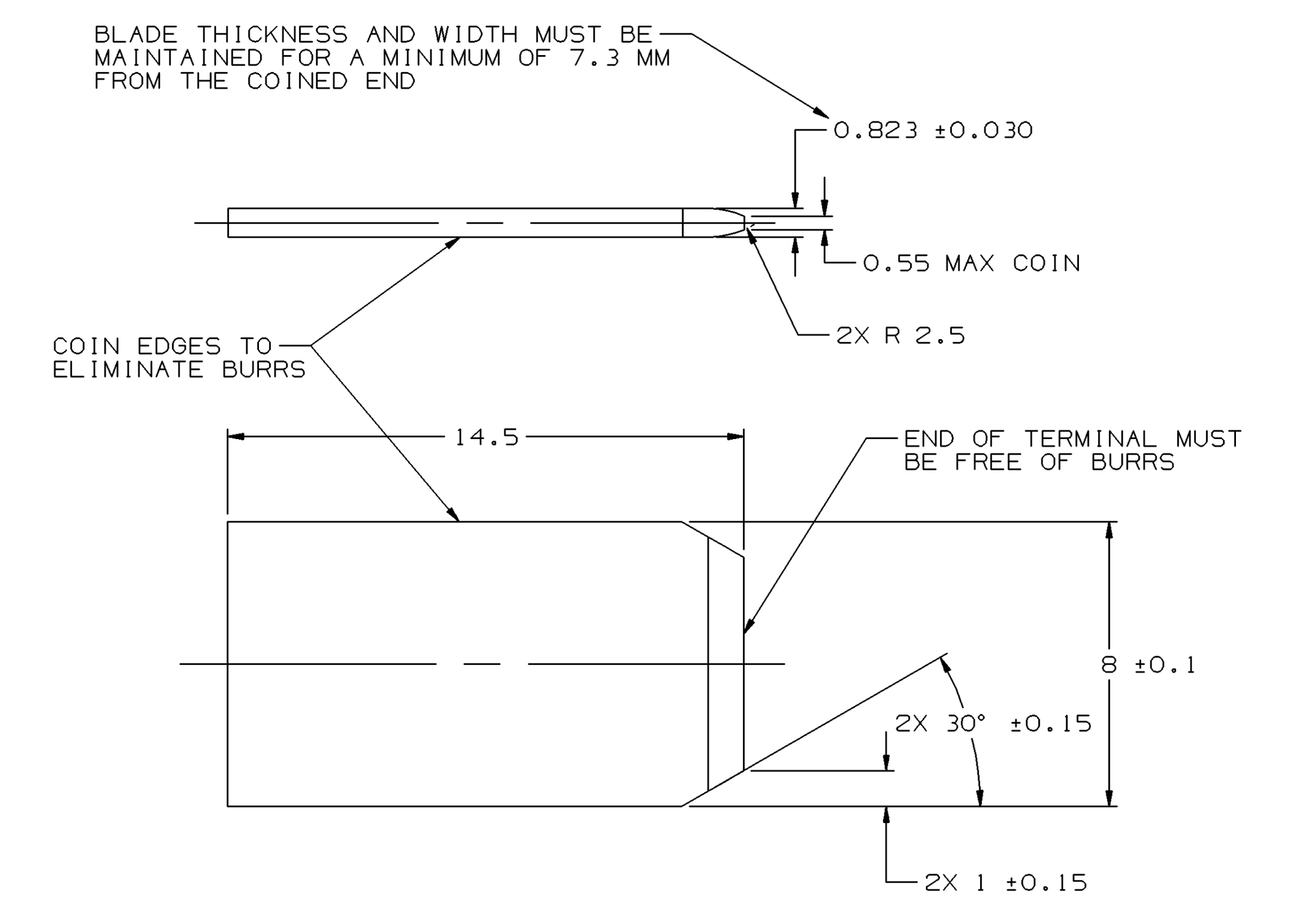
SYMBOL DEFINITION			MISSING NUMBERS
A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL ⬭ DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON AN INDIVIDUAL COMPONENT DRAWING.	TOTAL NO. OF SYMBOLS ON DRAWING	1	1-12,
	LAST NO. USED	13	

DATE	STG	REV	N/P	CHG	ZONE	REVISION HISTORY	AUTH	DR	APVD 1	APVD 2
24FE04	R	02	-	-		CLEARED REVISION COLUMN, REMOVED DIMS #1-12, ADDED DIMS #13, ADDED NOTE #3, REMOVED "CONNECTOR SEAL - 12065663" FROM NOTE #2. REPLACED 12065663 BODY SEAL TO 15409460 SEAL.	252031	LMB	LMB	MR



800 BLADE

MATERIAL SPECIFICATIONS

RECOMMENDED

BASE METAL - CDA-210, EXTRA SPRING TEMPER

PLATING - 0.0050±0.0025 MM THICK TIN

MINIMUMS

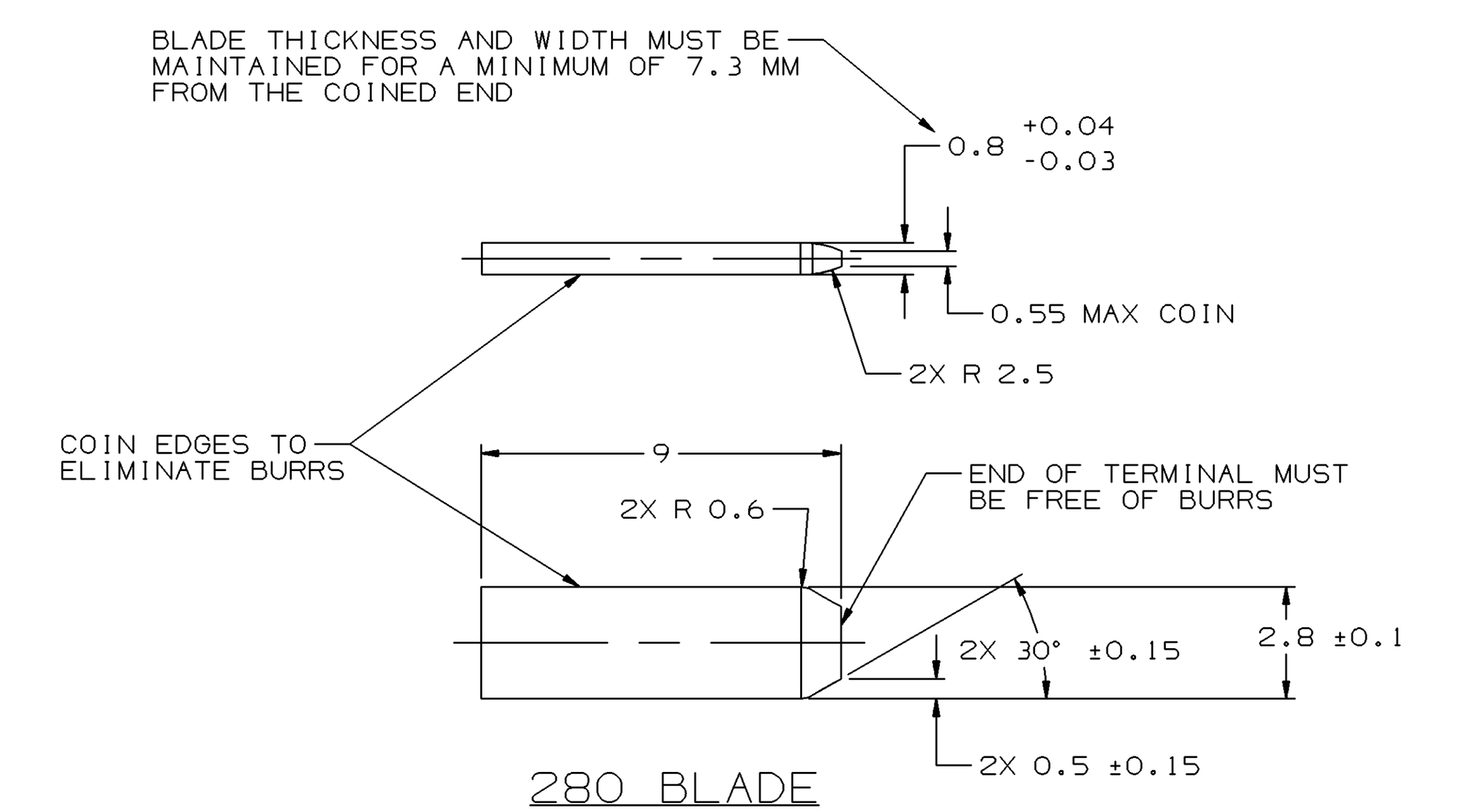
ELECTRICAL CONDUCTIVITY - ≥20% IACS AT 20°C. USE OF A MATERIAL WITH CONDUCTIVITY < 20% IACS MUST BE APPROVED BY PACKARD ELECTRIC MATERIALS ENGINEERING.

TENSILE STRENGTH - 407 MPa

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

MATING BLADE INFORMATION

SCALE 8:1



280 BLADE

MATERIAL SPECIFICATIONS

RECOMMENDED

BASE METAL - CDA-210, EXTRA SPRING TEMPER

*PLATING - 0.0020-0.0030 MM THICK REFLOWED TIN

MINIMUMS

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

TENSILE STRENGTH - 430-480 MPa

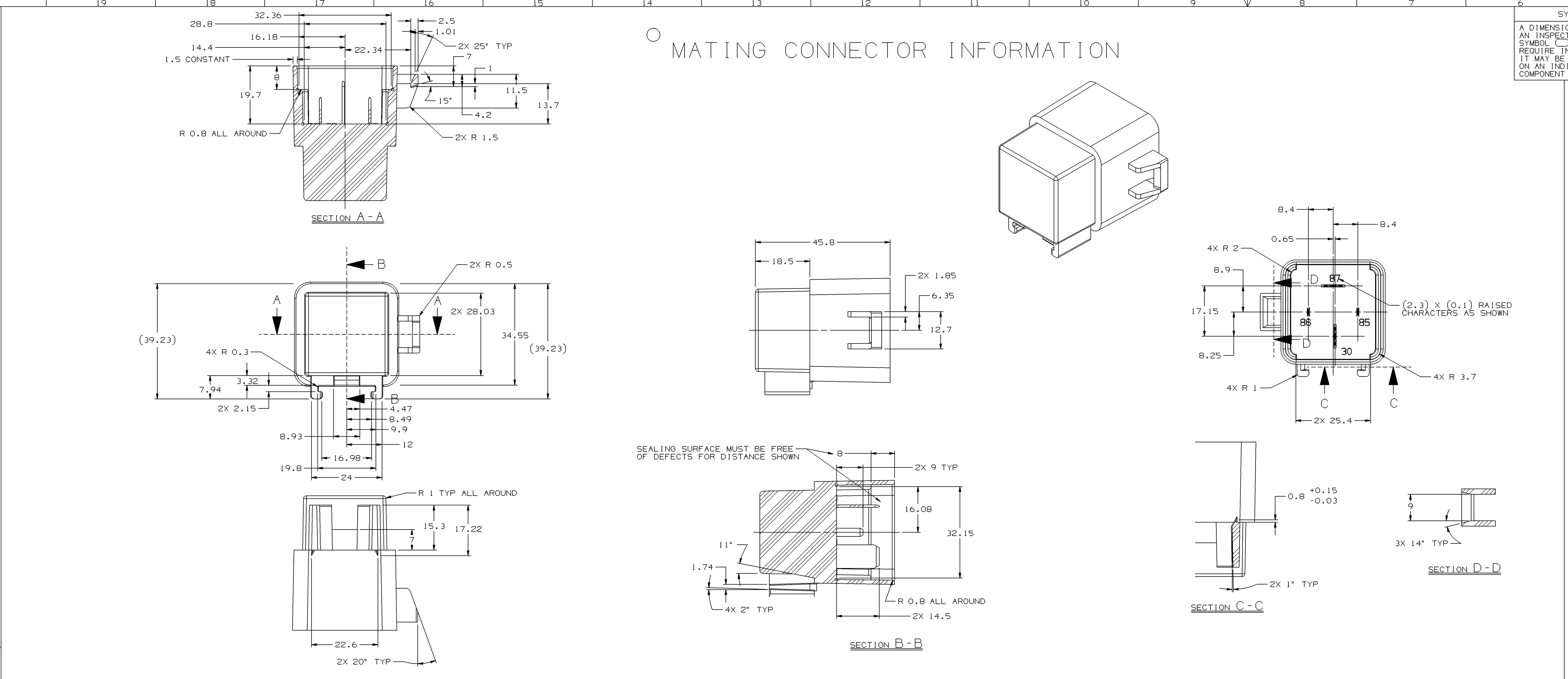
PLATING - FOR MATERIALS CONTAINING 10% OR MORE ZINC, AN UNDERPLATE OF COPPER 0.0025 MM THICK IS REQUIRED.
* USAGE OF PLATING TYPES OTHER THAN RECOMMENDED MUST BE APPROVED BY DELPHI PACKARD ELECTRIC SYSTEMS ENGINEERING.

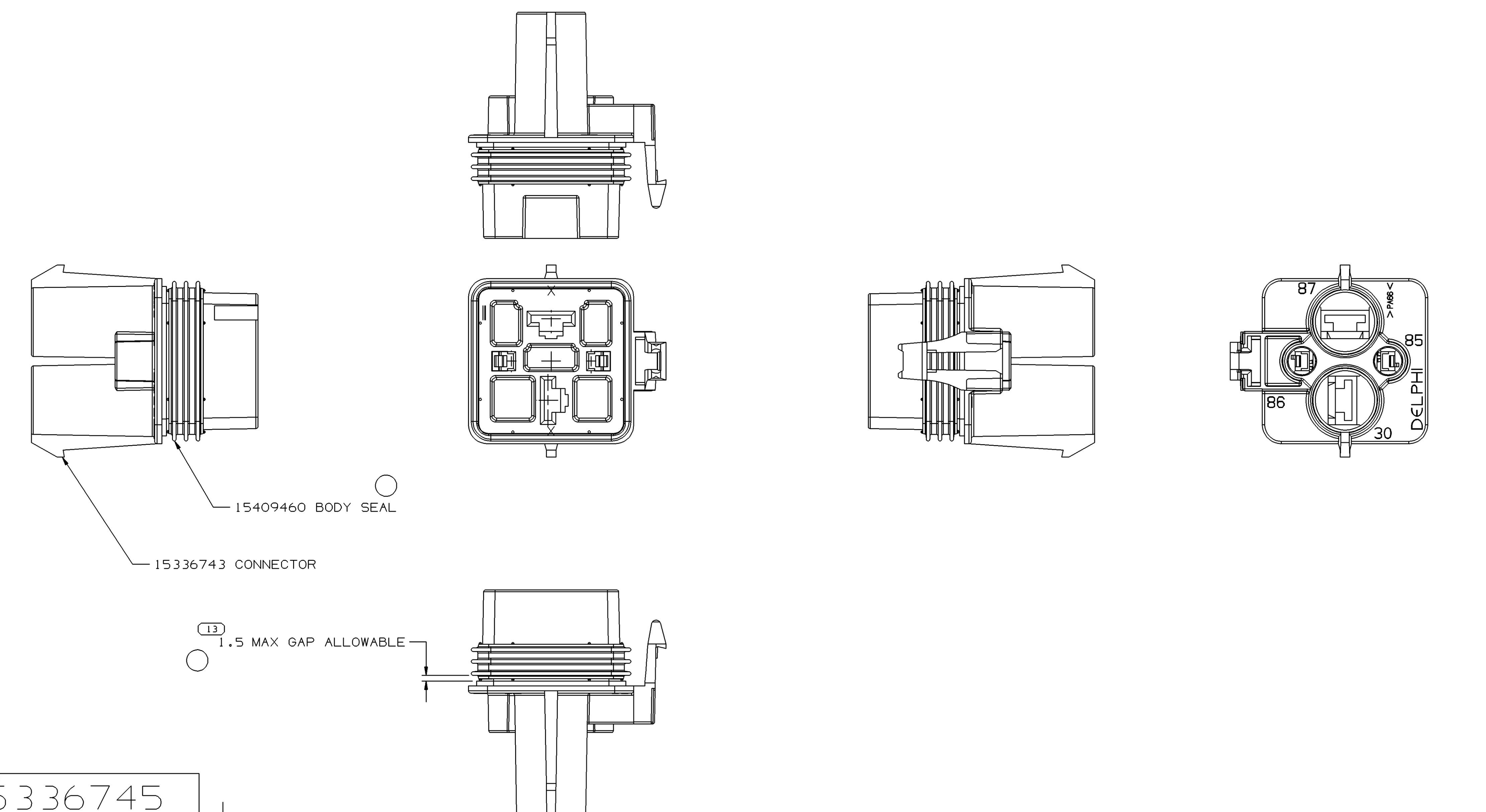
PROCESSING LUBRICANT:
ANY PROCESSING LUBRICANT REMAINING ON TERMINAL MUST NOT VARNISH OR DEGRADE THE ELECTRICAL PERFORMANCE OF THE TERMINAL UP TO A MAXIMUM TEMPERATURE OF 150° C. PROCESSING LUBRICANTS SHOULD BE APPROVED BY DELPHI PACKARD ELECTRIC SYSTEMS.

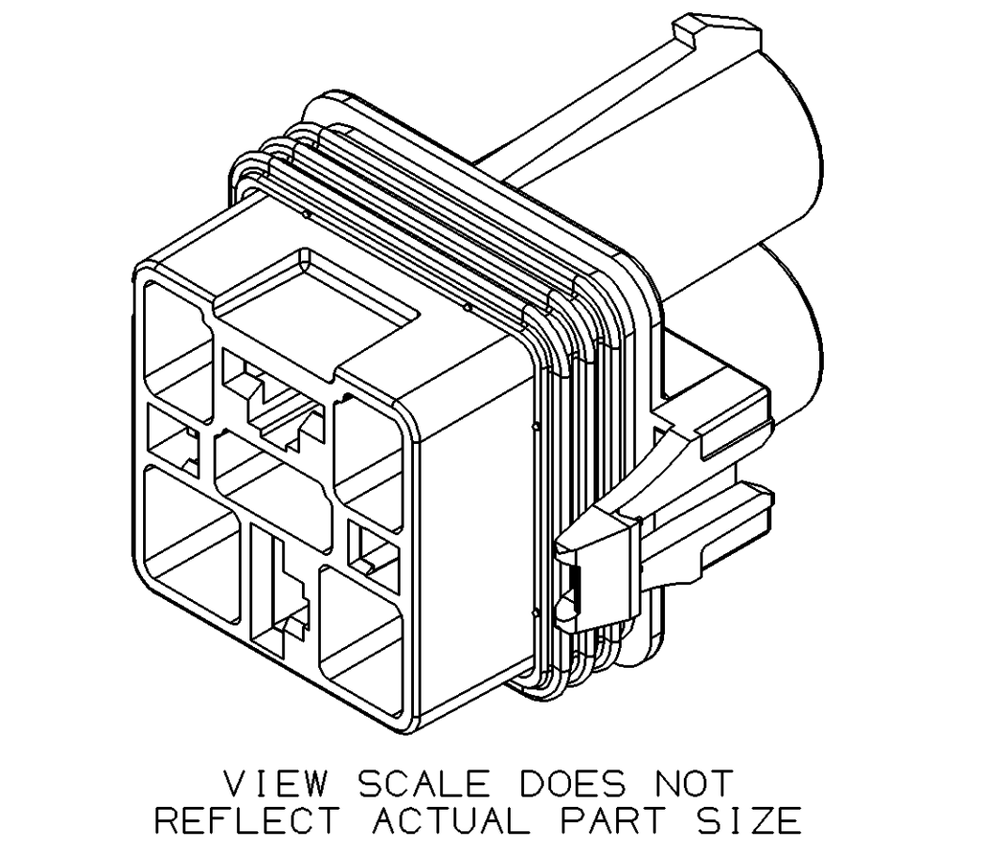
MATING BLADE INFORMATION

SCALE 8:1

MATING CONNECTOR INFORMATION







VIEW SCALE DOES NOT REFLECT ACTUAL PART SIZE

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 0.40 DRAFT IS 1° ON ALL OUTSIDE SURFACES
2. MATING COMPONENTS OR EQUIVALENT:
   RELAY 15319851
   TPA 15336744
   CPA 12052834
   280 GT TERMINAL ASM
      TERMINAL 15304719
      CABLE SEAL 12191233
   800 TERMINAL ASM 15336748
      TERMINAL 15336629
      SPRING 12065905
      CABLE SEAL 15336703
3. NO PROCESSING OIL ALLOWED TO BE ADDED TO AID IN THE APPLICATION OF THE SEAL TO THE CONNECTOR.

DRAWING NUMBER						
15336745						
SIZE	SCALE	FRAME NO	SHEET NO	STG	REV	N/P
A1x3	2:1	2 OF 2	1 OF 1	R	02	-

(13) PROCESS SENSITIVE DIMENSION

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

DIMENSIONAL RANGE (MM)					CHART E
FROM / TO	0 / 20	> 20 / 30	> 30 / 70	> 70 / 100	> 100
TOLERANCE UNLESS OTHERWISE SPECIFIED	±0.15	±0.2	±0.3	±0.4	±0.5
ANGULAR TOLERANCE ±2°					

DWG TYPE: PART DRAWING

STYLE:

VOLUME (CM³):

DISTR CODE: D

ROUTING: 6901

UNLESS OTHERWISE SPECIFIED

THIS DOCUMENT IS IN ACCORDANCE WITH ASME Y14.5M-1994 AS AMENDED BY THE GM GLOBAL DIMENSIONING AND TOLERANCING ADDENDUM-2001. SEPARATE PATTERNS OF FEATURES MAY BE GAGED SEPARATELY REGARDLESS OF DATUM REFERENCES.

ALL DIMENSIONS ARE IN MILLIMETERS

REFERENCE

THIRD ANGLE PROJECTION

DO NOT SCALE

USE MATH DATA

CAD UNIGRAPHICS

DELPHI

DELPHI PACKARD ELECTRIC SYSTEMS
WARREN, OH

		DATE
DR		
APVD1	MANUEL VEGA	05JA98
APVD2	MANUEL VEGA	05JA98
APVD3	W. FLASK	16FE98
APVD4		
APVD5		

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER DELPHI 10949001

MATERIAL: SEE DRAWING

DRAWING NAME: ASM CONN 4 F GT 280 M/P 800 SLD

DRAWING NUMBER						
15336745						
SIZE	SCALE	FRAME NO	SHEET NO	STG	REV	N/P
A1x3	2:1	1 OF 2	1 OF 1	R	02	-

1233942

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Aptiv:
15336745