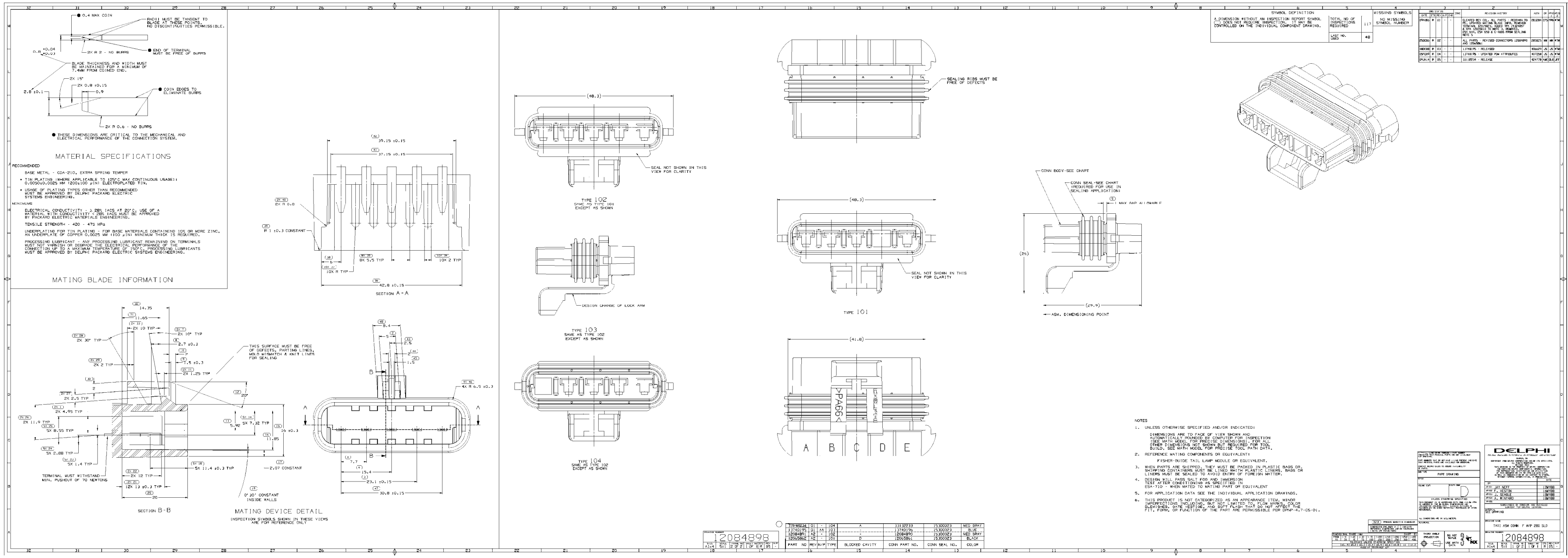

MATERIAL SPECIFICATIONS

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 - 420 - 475 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.

● THESE DIMENSIONS ARE CRITICAL TO THE MECHANICAL AND ELECTRICAL PERFORMANCE OF THE CONNECTION SYSTEM.

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. REFERENCE MATING COMPONENTS OR EQUIVALENT:

   FISHER-GUIDE TAIL LAMP MODULE OR EQUIVALENT.

3. WHEN PARTS ARE SHIPPED, THEY MUST BE PACKED IN PLASTIC BAGS OR, SHIPPING CONTAINERS MUST BE LINED WHITH PLASTIC LINERS. BAGS OR LINERS MUST BE SEALED TO AVOID ENTRY OF FOREIGN MATTER.

4. DESIGN WILL PASS SALT FOG AND IMMERSION TEST AFTER CONDITIONING AS SPECIFIED IN ESA-710 - WHEN MATED TO MATING PART OR EQUIVALENT

5. FOR APPLICATION DATA SEE THE INDIVIDUAL APPLICATION DRAWINGS.

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 DPNP-4.7-CS-01.

PART NO	REV	N/P	TYPE	BLOCKED CAVITY	CONN PART NO.	CONN SEAL NO.	COLOR
33132234	01	-	104	A	33132233	15300023	MED GRAY
13740195	01	AA	103	-	13740196	15300023	BLUE
12084891	A2	-	102	-	12084890	15300023	MED GRAY
12065862	A2	-	101	D	12065861	15300023	BLACK

DELPHI

DWG TYPE: PART DRAWING

ALL DIMENSIONS ARE IN MILLIMETERS.

THIRD ANGLE PROJECTION — DO NOT SCALE — USE MATH DATA

		DATE
APVD1	JAY NEFF	12MY88
APVD2	F. HESTON	16MY88
APVD3	J. SEAGLE	18MY88
APVD4	A. WINYARD	18MY88

MATERIAL: SEE DRAWING

DRAWING NAME: TAXI ASM CONN F W/P 280 SLD

DRAWING NUMBER: 12084898

SIZE	SCALE	FRAME NO	SHEET NO	STG	REV	N/P
A1x4	5:1	1 OF 2	1 OF 1	R	05	-