MATERIAL SPECIFICATIONS

RECOMMENDED

BASE METAL - CDA-210, GILDING, EXTRA SPRING TEMPER

PLATING - 0.0050±0.0025 MM THICK TIN

MINIMUMS

ELECTRICAL CONDUCTIVITY - ≥ 20% IACS @ 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

SECTION B-B

SECTION A-A

MATING CONNECTOR INFORMATION

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 DIMENSION)
   DRAFT IS 1° ON ALL OUTSIDE SURFACES
   RECOMMENDED MATERIAL - GLASS FILLED POLYESTER OR NYLON 66

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. SEALING CODE 3 - DESIGN WILL PASS SALT FOG AND IMMERSION
   TEST AFTER CONDITIONING AS SPECIFIED IN
   ESA-644 (WEATHER-PACK),ESA-710 (METRI-PACK),
   ESA-650 (UNDERHOOD MICRO-PACK), C-4006
   (WORLD CONNECTOR), ETC WHEN MATED TO
   MATING PART OR EQUIVALENT
3. 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 ENTRY OF FOREIGN MATTER.
4. CAVITY IDENTIFICATION LETTERS TO BE LOCATED
   ON BARRELS AND/OR RAIL.
5. PART(S) RESTRICTED FOR USE IN BRASIL ONLY.
   REFER TO CHART FOR SPECIFIC RESTRICTED PART NUMBERS.
6. FOR APPLICATION DATA SEE THE INDIVIDUAL APPLICATION DRAWINGS.
7. 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.
8. FOR PART NUMBER WITH ADHESIVE, USE M3510001 OR ADHESIVE APPROVED
   BY MATERIALS ENGINEERING TO GLUE CONNECTOR SEAL TO CONNECTOR.

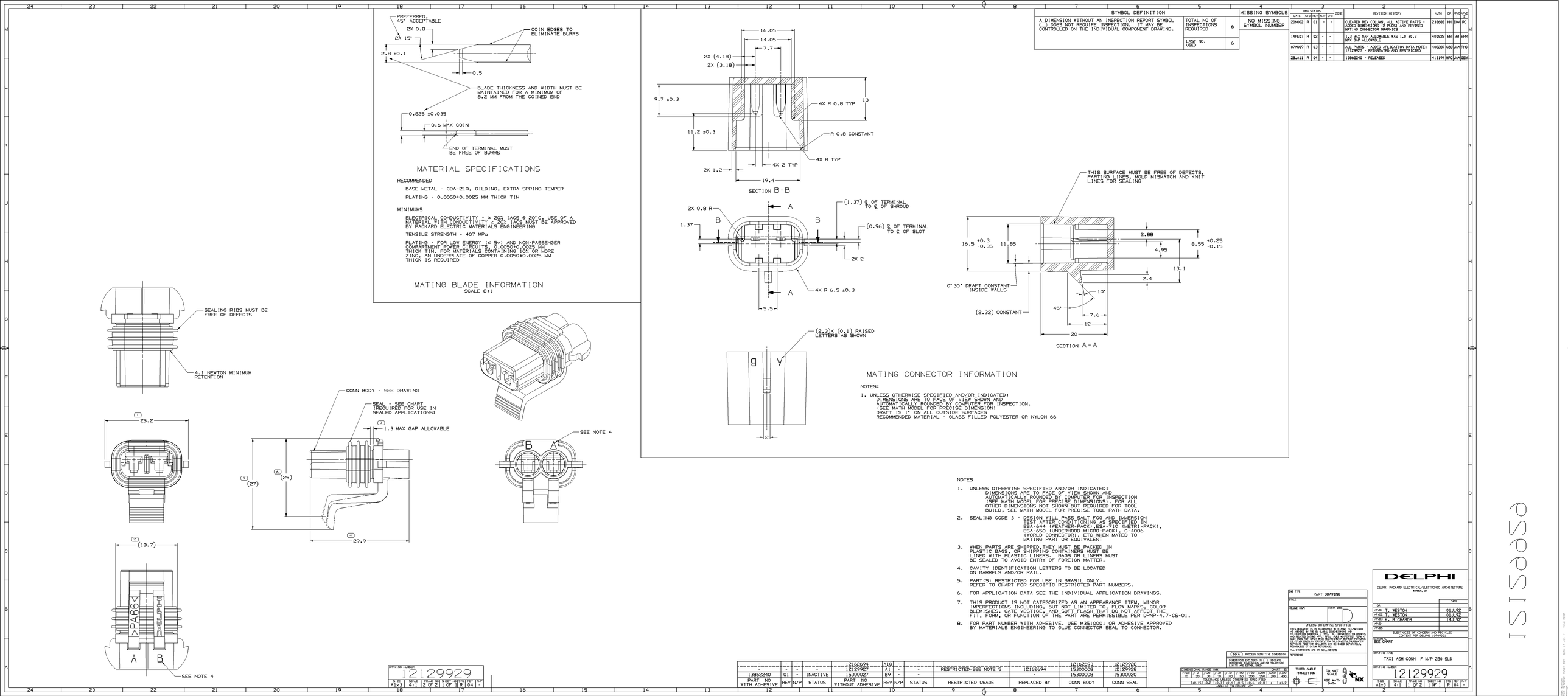
PART NO WITH ADHESIVE	REV	N/P	STATUS	PART NO WITHOUT ADHESIVE	REV	N/P	STATUS	RESTRICTED USAGE	REPLACED BY	CONN BODY	CONN SEAL
-	-	-	-	12162694	A10	-	-	-	-	12162693	12129928
-	-	-	-	12129927	A1	-	-	RESTRICTED-SEE NOTE 5	12162694	15300008	12129928
13862240	01	-	INACTIVE	15300027	B9	-	-	-	-	15300008	15300020

SYMBOL DEFINITION		
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	6
	LAST NO. USED	6

MISSING SYMBOLS

NO MISSING SYMBOL NUMBER

DRG STATUS DATE	STA	REV	N/P	CHG	ZONE	REVISION HISTORY	AUTH	DR	APVD 1	APVD 2
20NOV02	R	01	-	-		CLEARED REV COLUMN, ALL ACTIVE PARTS - ADDED DIMENSIONS TO PLOT AND REVISED MATING CONNECTOR GRAPHICS	213K682	HH	KOV	RC
14FEB7	R	02	-	-		1.3 MAX GAP ALLOWABLE WAS 1.0 ±0.3 MAX GAP ALLOWABLE	4005529	MM	MM	MPR
27AUG9	R	03	-	-		ALL PARTS - ADDED APLICATION DATA NOTE1 (12129927 - REINSTATED AND RESTRICTED	4082287	CBG	JAA	DHG
28JA11	R	04	-	-		13862240 - RELEASED	4121194	MPC	JAA	SEW



DRAWING NUMBER	SIZE	SCALE	TWEAK NO	SHEET	NOTES	REV	N/P
12129929	A1x3	4:1	2 OF 2	1 OF 1	R	04	-

DELPHI

DELPHI PACKARD ELECTRICAL/ELECTRONIC ARCHITECTURE
WARREN, OH

DR		DATE
APVD1	T. WESTON	01.3.02
APVD2	T. WESTON	01.3.02
APVD3	K. RICHARDS	14.3.02
APVD4		
APVD5		

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER DELPHI (29490)

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

DRAWING NUMBER: 12129929

SIZE	SCALE	TWEAK NO	SHEET	NOTES	REV	N/P
A1x3	4:1	1 OF 2	1 OF 1	R	04	-

DWG TYPE: PART DRAWING

STYLE

VOLUME CONT

SYSTEM CODE: D

UNLESS OTHERWISE SPECIFIED

THIS DOCUMENT IS IN ACCORDANCE WITH ASME Y14.5M-1994 AS ADAPTED BY THE GLOBAL STANDARDS GUIDE (GSG) ENGINEERING DRAWING (ED) AND ENGINEERING AND RELATED DATABASE (ERD). RULE A-DIMENSIONS FORM, FIT, FUNCTION, OR SAFETY. RULE B-DIMENSIONS ARE NOT TO BE TOLERANCED BY INTERPRETATION OF LOCATION TOLERANCES. RULE C-DIMENSIONS ARE TO BE TOLERANCED BY THE DEVELOPER OF OTHER REFERENCES.
ALL DIMENSIONS ARE IN MILLIMETERS

REFERENCE

(N/A) PROCESS SENSITIVE DIMENSION

DIMENSION ENCLOSED IN ( ) INDICATE REFERENCE DIMENSION, NO NO TOLERANCE LIMITS ARE ESTABLISHED

DIMENSIONAL RANGES (MM)											
FROM	0	3	10	30	60	100	150	200	250	300	400
TO	3	10	30	60	100	150	200	250	300	400	500

TOLERANCE UNLESS OTHERWISE SPECIFIED

±0.13	±0.25	±0.4	±0.63	±0.8	±1	±1.2

GEOMETRIC TOLERANCE ±0.

THIRD ANGLE PROJECTION

DO NOT SCALE ONLY MATH DATA

NX

Date: 27-Jan-11 Time: 12:44:51 Drawing: 12129929.DWG