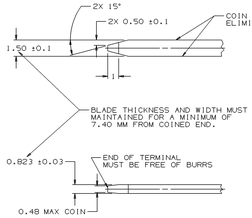


MATERIAL SPECIFICATIONS

RECOMMENDED

BASE METAL - CDA-210, EXTRA SPRING TEMPER

PLATING - 0.005±0.0025 MM THICK TIN

MINIMUMS

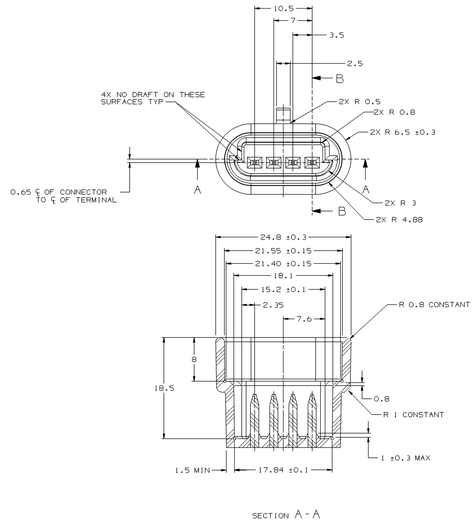
ELECTRICAL CONDUCTIVITY - ≥ 20% IACS AT 20°C. USE OF A MATERIAL WITH CONDUCTIVITY < 20% IACS MUST BE APPROVED BY PACKARD ELECTRIC MATERIALS ENGINEERING.

TENSILE STRENGTH - 407 MPa

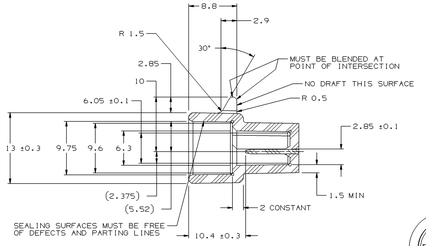
PLATING - FOR LOW ENERGY (≤5v) AND NON-PASSENGER COMPARTMENT POWER CIRCUITS, 0.005±0.0025 MM THICK TIN. FOR MATERIALS CONTAINING 10% OR MORE ZINC, AN UNDERPLATE OF COPPER 0.005±0.0025 MM THICK IS REQUIRED.

MATING BLADE INFORMATION

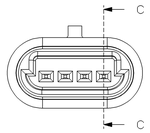
SCALE 8:1



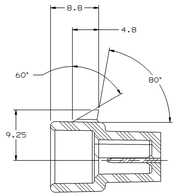
SECTION A-A



SECTION B-B



OPTIONAL CONSTRUCTION



SECTION C-C

OPTIONAL CONSTRUCTION

NOTES:

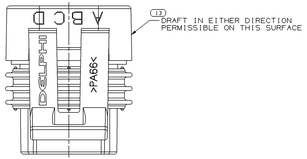
1. UNLESS OTHERWISE SPECIFIED AND/OR INDICATED:
   DIMENSIONS ARE TO FACE OF VIEW SHOWN AND AUTOMATICALLY ROUNDED BY COMPUTER FOR INSPECTION. (SEE MATH MODEL FOR PRECISE DIMENSION)
   FOR ALL OTHER DIMENSIONS NOT SHOWN BUT REQUIRED FOR TOOL BUILD, SEE MATH MODEL FOR PRECISE TOOL PATH DATA.
   ALL RADII 0.40
   DRAFT IS 1° ON ALL OUTSIDE SURFACES

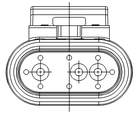
2. RECOMMENDED MATERIAL: GLASS REINFORCED NYLON OR POLYESTER

MATING CONNECTOR INFORMATION

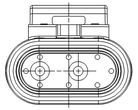
SYMBOL DEFINITION		MISSING NUMBERS
THE NUMBER INSIDE THE SYMBOL (□) CORRESPONDS TO THE NUMBER ON THE INSPECTION REPORT FOR THIS DRAWING/PART NUMBER	TOTAL NO. OF SYMBOLS ON DRAWING: 15	
	LAST NO. USED: 15	

DWG STATUS DATE	STS	REV	N/P	CHG	ZONE	REVISION HISTORY	AUTH	DR	APVD 1	APVD 2	APVD 3	APVD 4	APVD 5
02MAR99	R	001	-	-	-	CLEARED REV COLUMN: 15324665 - RELEASED	990005	DEB	DMC	JR			
12OCC0	R	002	-	-	-	15394088 - RELEASED	000005	EGR	DEB	JR	JR	M	
05MR01	R	003	-	-	-	15405971 - RELEASED	206080	EGR	RCH	JR			
12APO1	R	004	-	-	-	ADDED OPTIONAL CONSTRUCTION	208531	CJC	CJC	JM			
18APO2	R	005	-	-	-	15405971 - CABLE SEAL WAS 15394067 - GRA LT	221103	LEG	DEB	JR			
11APO3	R	06	-	-	-	12186695 & 12186829 - OBSOLETE	238040	RCH	RCH	JR			
13OCC3	R	07	-	-	-	CORRECTED P/N 12162188 REVISION LEVEL FROM C TO B1	247271	LMS	LMS	BD			

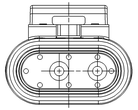




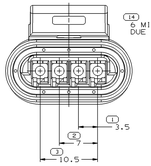
TYPE 105
SAME AS TYPE 101
EXCEPT AS SHOWN

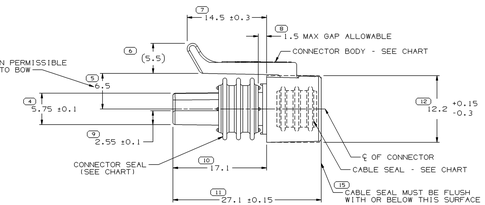


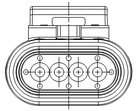
TYPE 102
SAME AS TYPE 101
EXCEPT AS SHOWN



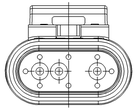
TYPE 103
SAME AS TYPE 101
EXCEPT AS SHOWN







TYPE 101



TYPE 104
SAME AS TYPE 101
EXCEPT AS SHOWN

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)
   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 ENTRY OF FOREIGN MATTER

3. MATING COMPONENTS:
   TERMINAL 12124075 OR EQUIVALENT

4. FOR LEAD LENGTH CALCULATIONS, DISTANCE FROM MATING END OF CONNECTOR TO FRONT OF CABLE CORE IS 10.15/7.05

5. SEALING CODE 3

   DESIGN WILL PASS SALT FOG AND IMMERSION TEST AFTER CONDITIONING AS SPECIFIED IN ESA-664 (WEATHER-PACK), ESA-710 (METRI-PACK), ESA-650 (UNDERHOOD MICRO-PACK), C-4006 (WORLD CONNECTOR), ETC. - WHEN MATED TO MATING PART OR EQUIVALENT

6. FOR PARTS NUMBERS WITH ADHESIVE, USE PM003510 OR ADHESIVE APPROVED BY MATERIALS ENGINEERING TO GLUE CONNECTOR SEAL TO CONNECTOR

P/N WITH ADHESIVE	STG	REV	N/P	STATUS	P/N WITHOUT ADHESIVE	REV	N/P	STATUS	TYPE	BLOCKED CAVITIES	CONNECTOR	CONNECTOR SEAL	CABLE SEAL & COLOR
					15405971	002			105	B	12162187	12040756	15422575 - PURPLE
					15394088	001			104	C	12162187	12040756	15394067 - GRA LT
					15324665	001			101	NONE	15324666	12040756	12040757 - GREEN
					15324385	A			103	A, C	12162187	12040756	15324383 - DK RED
					15324384	A			102	B, D	12162187	12040756	15324383 - DK RED
12186695	R	B2		OBSOLETE	12186829	A2		OBSOLETE	101	NONE	12162187	12186823	12110186 - ORANGE
					12186395	A			103	A, C	12162187	12040756	12186296 - PURPLE
					12186394	A			102	B, D	12162187	12040756	12186296 - PURPLE
					12162191	B			101	NONE	12162187	12040756	12124886 - BLUE
					12162190	B			101	NONE	12162187	12040756	12110186 - ORANGE
					12162189	B			101	NONE	12162187	12040756	12078081 - TAN
					12162188	B1			101	NONE	12162187	12040756	12040757 - GREEN

R 0.2 MAX — R 0.1 MAX — SHARP CORNER TOLERANCE

DIMENSIONAL RANGE (MM)								
FROM	0	6	30	120	400	1000	2000	4000
TO	6	30	120	400	1000	2000	4000	8000
TOLERANCE UNLESS OTHERWISE SPECIFIED								
±0.15	±0.2	±0.3	±0.5	±0.8	±1.2	±1.6	±2.0	±2.5
ANGULAR TOLERANCE ±2°								

(B) PROCESS SENSITIVE DIMENSION

DIMENSIONS ENCLOSED IN A 2 INCH-SIDE REFERENCE RECTANGLE AND NO TOLERANCE LIMITS ARE TOTAL LENGTH.

THIRD ANGLE PROJECTION

DO NOT SCALE — USE MATH DATA

DWG TYPE: PART DRAWING

STYLE

VOLUME (CM³)

SYSTEM CODE

RUN TIME: 6/900

UNLESS OTHERWISE SPECIFIED

THIS DOCUMENT IS IN ACCORDANCE WITH ASME Y14.5M-1994 UNLESS OTHERWISE SPECIFIED. DIMENSIONS AND TOLERANCING ARE/ARE NOT ALL SEMANTIC TOLERANCES AND RELATED SYSTEMS APPLY. ALL DIMENSIONS FROM A 3D MODEL ARE TO BE INTERPRETED IN ACCORDANCE WITH ISO 16792:2006 AND ISO 10303-203:2011 UNLESS OTHERWISE SPECIFIED. ALL DIMENSIONS ARE TO BE INTERPRETED IN ACCORDANCE WITH ISO 1101:2012 UNLESS OTHERWISE SPECIFIED. REGARDLESS OF DATUM REFERENCE.

ALL DIMENSIONS ARE IN MILLIMETERS

REFERENCE

APVD1 BRIAN K. DEW 03FEB94
APVD2 BRIAN K. DEW 03FEB94
APVD3 S. J. VUKMER 08FEB94
APVD4
APVD5

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER DELPHI-A (DP4900)

MATERIAL: SEE INFO

DELPHI
DELPHI PACKARD ELECTRIC SYSTEMS
WARREN, OH

DRAWING NAME: TAXI CONN F M/P 150.2 N/A

DRAWING NUMBER: 12162268

SIZE	SCALE	FRAME NO	SHEET NO	STS	REV	N/P
A1x3	4:1	1 OF 2	1 OF 1	R	07	-

DRAWING NUMBER: 12162268

SIZE	SCALE	FRAME NO	SHEET NO	STS	REV	N/P
A1x3	4:1	2 OF 2	1 OF 1	R	07	-

8550151