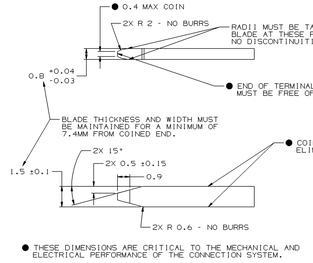


MATERIAL SPECIFICATIONS

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 >IN) ELECTROPLATED TIN.
- USAGE OF PLATING TYPES OTHER THAN RECOMMENDED MUST BE APPROVED BY DELPHI PACKARD ELECTRIC SYSTEMS ENGINEERING.

MINIMUMS

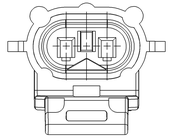
ELECTRICAL CONDUCTIVITY - >28% IACS AT 20 °C. USE OF A MATERIAL WITH CONDUCTIVITY <28% IACS MUST BE APPROVED BY PACKARD ELECTRIC MATERIALS ENGINEERING.

TENSILE STRENGTH - 430 - 480 MPa

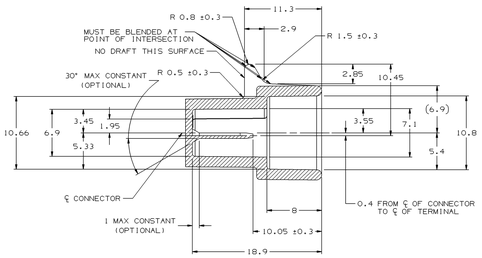
UNDERPLATING FOR TIN PLATING - FOR BASE MATERIALS CONTAINING 10% OR MORE ZINC, AN UNDERPLATE OF COPPER 0.0025 MM (100 >IN) MINIMUM THICK IS REQUIRED.

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.

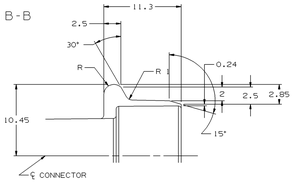
MATING BLADE INFORMATION



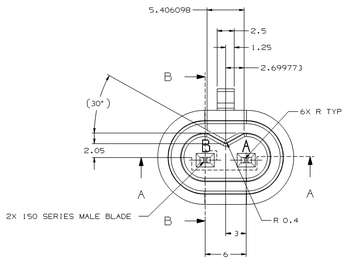
OPTIONAL KNOCKOUT PAD CONSTRUCTION

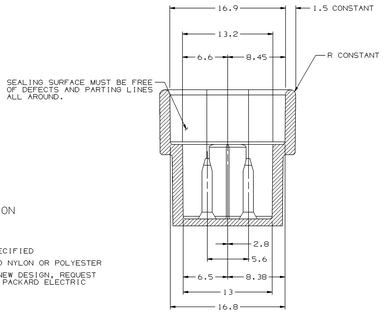


SECTION B-B



OPTIONAL CONSTRUCTION





SECTION A-A

MATING CONNECTOR INFORMATION

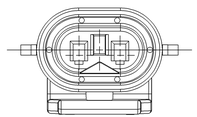
NOTES

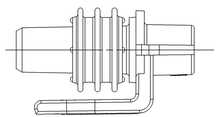
1. ALL RADII 0.4, UNLESS OTHERWISE SPECIFIED
2. RECOMMENDED MATERIAL - GLASS FILLED NYLON OR POLYESTER
3. WHEN USING THIS INFORMATION FOR A NEW DESIGN, REQUEST THE LATEST COPY OF THIS PRINT FROM PACKARD ELECTRIC

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	2
	LAST NO. USED	2

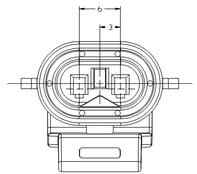
MISSING SYMBOLS
NO MISSING SYMBOL NUMBER

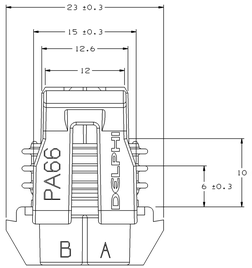
DWG STATUS					ZONE	REVISION HISTORY	AUTH	DR	APVD 1	APVD 2
DATE	STS	REV	N/P	CHG						
16DE02	R	01	-	-		CLEARED REV 00L & 15453805 - RELEASED	234137	BYP	RVP	DMC
14MR03	R	02	-	-		15453805 - REVISED GRAPHICS	238099	RCH	RCH	DMC
17JN04	R	03	-	-		15497773 - RELEASED	256123	ADK	ADK	RAP

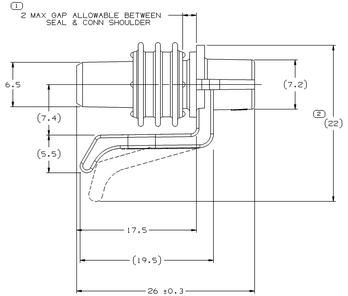




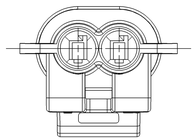
TYPE 102
SAME AS TYPE 101
EXCEPT AS SHOWN







TYPE 101



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-652 (UNDERHOOD MICRO-PACK), C-4006 (WORLD CONNECTOR), ETC WHEN MATED TO MATING PART OR EQUIVALENT
3. THIS PART ACCEPTS THE FOLLOWING COMPONENTS OR EQUIVALENT:
   CAVITIES TO ACCEPT TERMINAL 12048074
   CABLE SEAL 12048086
   SECONDARY LOCK 12052634
   THIS CONNECTOR IS TO MATE WITH DR CCP SOLENOID
   MAXIMUN CABLE Ø 2.8 MM
4. 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.

15497773	01	-		101	2	NONE	12124036	15488729	SEE NOTE 3	BLACK
15453805	01	AA		102	2	NONE	15453804	12103067	SEE NOTE 3	BLUE
12240037	A3			101	2	NONE	12124036	12103067	SEE NOTE 3	BLACK
12052643	C4	-		101	2	NONE	12052637	12103067	SEE NOTE 3	RED
PART NO	REV	N/P	STATUS	TYPE	NUMBER OF CAVITIES	CAVITIES BLOCKED	CONNECTOR BODY	CONNECTOR SEAL	MATING CONNECTOR	CONNECTOR COLOR

DIMENSIONAL RANGE (MM)								
FROM	0	>3	>6	>10	>100	>200	>500	>800
TO	3	6	10	100	200	500	800	
TOLERANCE UNLESS OTHERWISE SPECIFIED								
±0.15	±0.25	±0.35	±0.5	±0.8	±1	±1.2	±2	
ANGULAR TOLERANCE ±2°								

(N/A) PROCESS SENSITIVE DIMENSION

DIMENSIONS ENCLOSED IN A □ INDICATE REFERENCE DIMENSIONS AND NO TOLERANCE UNTIL MEASUREMENT.

REFERENCE

THIRD ANGLE PROJECTION

DO NOT SCALE

USE MATH DATA

DELPHI

DELPHI PACKARD ELECTRIC SYSTEMS
WARREN, OH

DR	DATE
APVD1 J. COLOSNOW	11APR1
APVD2 J. COLOSNOW	11APR2
APVD3 B. LANDRIES	16APR1
APVD4	
APVD5	

SUBSTANCES OF CONCERN: PKC RECYCLED CONTENT PER DELPHI (DWP600)

MATERIAL: SEE DWG

DRAWING NAME: TAXI CONN M/P 150

DRAWING NUMBER: 12089588

SIZE	SCALE	FRAME NO	SHEET NO	STS	REV	N/P
A1x3	5:1	1 OF 2	4 OF	R	03	-

DWG TYPE: PART DRAWING

STYLE

VOLUME (CM³): SEE CHART

SYSTEM CODE

ROUTING: 6900

UNLESS OTHERWISE SPECIFIED

THIS DOCUMENT IS IN ACCORDANCE WITH ASME Y14.5M-1994 UNLESS OTHERWISE SPECIFIED. DIMENSIONS AND TOLERANCING ANSI/ASME Y14.5M-1994. ALL GEOMETRIC TOLERANCES AND RELATED SYSTEMS APPLY AT: RULE #1(PERFECT FORM AT MMC) UNLESS OTHERWISE SPECIFIED. DIMENSIONS MUST BE ESTABLISHED BY INSPECTION OR LOCATION TOLERANCES. ALL DIMENSIONS ARE TO BE MEASURED INDEPENDENTLY, REGARDLESS OF DATUM REFERENCE. ALL DIMENSIONS ARE IN MILLIMETERS

DRAWING NUMBER: 12089588

SIZE	SCALE	FRAME NO	SHEET NO	STS	REV	N/P
A1x3	5:1	1 OF 2	4 OF	R	03	-

12089588