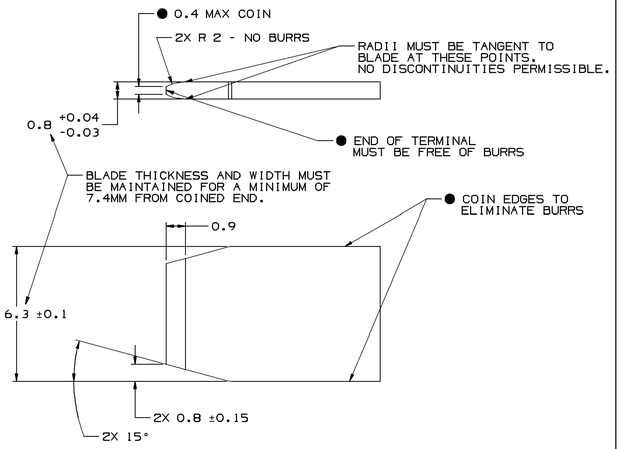


● THESE DIMENSIONS ARE CRITICAL TO THE MECHANICAL AND ELECTRICAL PERFORMANCE OF THE CONNECTION SYSTEM.

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

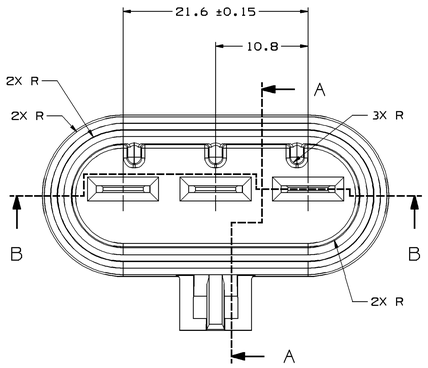
ELECTRICAL CONDUCTIVITY - ≥28% IACS AT 20 °C. USE OF A MATERIAL WITH CONDUCTIVITY <28% IACS MUST BE APPROVED BY PACKARD ELECTRIC MATERIALS ENGINEERING.

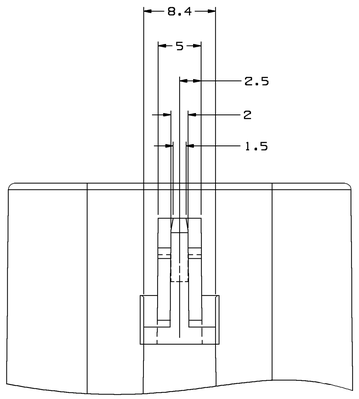
TENSILE STRENGTH - 430 - 480 MPa

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.

MATING BLADE INFORMATION

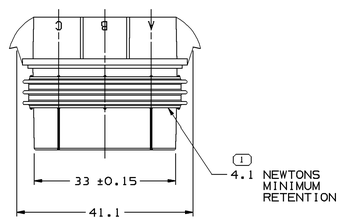


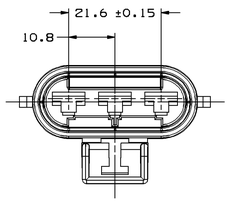


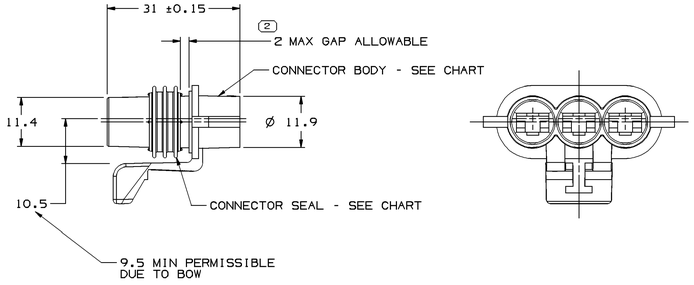
NOTES

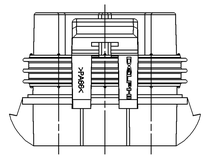
1. UNLESS OTHERWISE SPECIFIED AND/OR INDICATED:

   DIMENSIONS ARE TO FACE OF VIEW SHOWN AND AUTOMATICALLY ROUNDED BY COMPUTER FOR INSPECTION (SEE MATH MODEL FOR PRECISE DIMENSIONS). FOR ALL OTHER DIMENSIONS NOT SHOWN BUT REQUIRED FOR TOOL BUILD, SEE MATH MODEL FOR PRECISE TOOL PATH DATA.
   ALL RADII 0.4
   DRAFT IS 1° MAX ON ALL OUTSIDE SURFACES.
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 DIVISION.









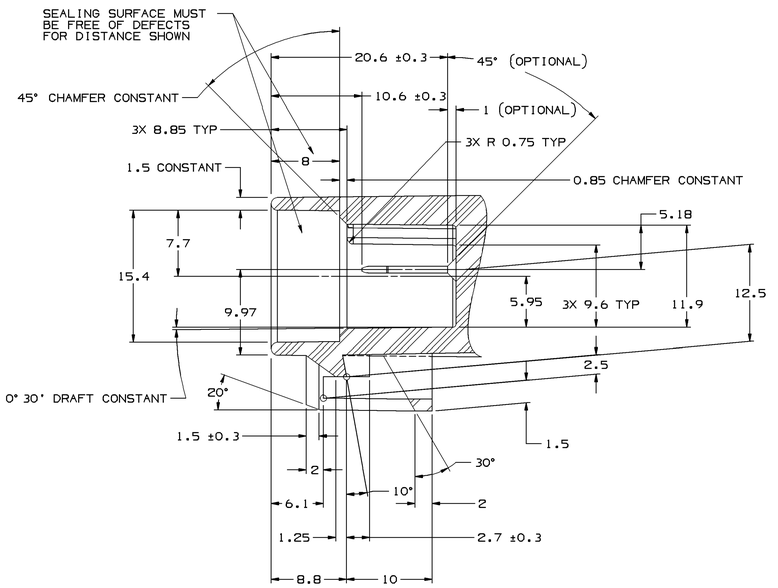
12124685	A1	-	-	-	12064738	12124684	BRIGHT RED	12124686
12065793	A	-	OBSOLETE	12124685	12064738	12045698	GREEN	12045696
PART NO	REV	N/P	STATUS	REPLACED BY	CONNECTOR BODY	PART NO	COLOR	MATING CONNECTOR
						CONNECTOR SEAL		

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

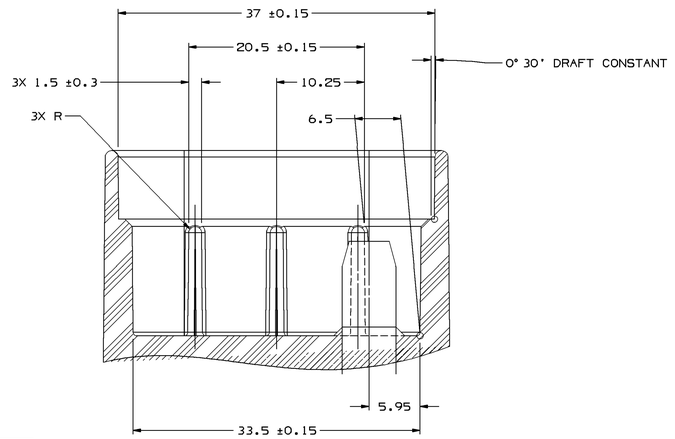
MISSING SYMBOLS

NO MISSING SYMBOL NUMBER

DWG STATUS					ZONE	REVISION HISTORY	AUTH	DR	APVD 1	APVD 2
DATE	STS	REV	N/P	CHG						
17FE93	R	-	-	-		12065793 - WAS SEPARATE "D" SIZE, REVISED; REV LEVEL REMAINS AT "A"	152084	CP		
17FE93	R	-	-	-		12124685 - RELEASED TO REV "A"	930005	CP		
02AU94	R	-	-	-		12065793 - OBSOLETE	940003	TW	TW	
18OC06	R	01	-	-		ALL ACTIVE PARTS - REDRAWN TO PD	285577	RMG	AMG	BDG



SECTION A-A



SECTION B-B

MATING CONNECTOR INFORMATION

SCALE 4:1

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. 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 FOREIGN MATTER.
3. DESIGN WILL PASS SALT FOG AND IMMERSION TEST AFTER CONDITIONING AS SPECIFIED IN ESA-710 (METRI-PACK), WHEN MATED TO MATING PART OR EQUIVALENT.
4. THIS PART IS NOT CONTROLLED FOR AUTOMATIC FEEDING.
5. THIS PART ACCEPTS THE FOLLOWING COMPONENTS OR EQUIVALENT:

   SECONDARY TERMINAL LOCK 12045699
   CAVITIES TO ACCEPT 12052456 TERMINAL OR EQUIVALENT.
   CABLE SEAL 12052387
   CONNECTOR POSITION ASSURANCE LOCK 12020833
6. SEE CABLE SEAL AND SECONDARY TERMINAL LOCK DRAWINGS FOR COMPATIBLE CABLE O.D. RANGE.

DWG TYPE: PART DRAWING
STYLE
VOLUME (CM³) | DISTR CODE
UNLESS OTHERWISE SPECIFIED
THIS DOCUMENT IS IN ACCORDANCE WITH ASME Y14.5M-1994 AS AMENDED BY THE ISO GLOBAL DIMENSIONING AND TOLERANCING ADDENDUM-2001. SEPARATE PATTERNS OF FEATURES MAY BE DATED SEPARATELY REGARDLESS OF DATUM REFERENCES.
ALL DIMENSIONS ARE IN MILLIMETERS
REFERENCE

(N/A) PROCESS SENSITIVE DIMENSION
DIMENSIONS ENCLOSED IN ( ) INDICATE REFERENCE DIMENSIONS AND NO TOLERANCE LIMITS ARE ESTABLISHED

DIMENSIONAL RANGE (MM)											CHART ED
FROM	> 0	> 20	> 30	> 70	>100	>150	>200	>250	>300	
TO	20	30	70	100	150	200	250	300	400	
TOLERANCE UNLESS OTHERWISE SPECIFIED	±0.15	±0.2	±0.3	±0.4	±0.5	±0.6	±0.8	±1	±1.2	
ANGULAR TOLERANCE ±2°										

THIRD ANGLE PROJECTION
DO NOT SCALE
USE MATH DATA

DELPHI
DELPHI PACKARD ELECTRIC SYSTEMS
WARREN, OH

	DATE
DR	
APVD1 CHUCK PAPAS	17FE93
APVD2 CHUCK PAPAS	17FE93
APVD3 BRIAN GROUBERT	23OC06
APVD4	
APVD5	

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER DELPHI [094900]

MATERIAL: SEE DRAWING

DRAWING NAME: TAXI ASM CONN F M/P 630 SLD

DRAWING NUMBER: 12124687

SIZE	SCALE	FRAME NO	SHEET NO	STS	REV	N/P
A0	2:1	1 OF 1	1 OF 1	R	01	-