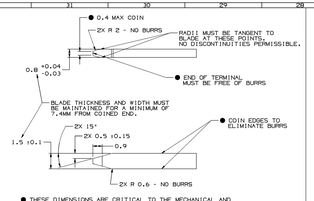


● THESE DIMENSIONS ARE CRITICAL TO THE MECHANICAL AND ELECTRICAL PERFORMANCE OF THE CONNECTION SYSTEM.

MATERIAL SPECIFICATIONS

RECOMMENDED

BASE METAL - CDA-210, EXTRA SPRING TEMPER

- TIN PLATING-WHERE APPLICABLE TO 125°C.MAX CONTINUOUS USAGE!! 0.005±0.0025 MM (200±100 µIN) ELECTROPLATED TIN.
- USAGE OF PLATING TYPES OTHER THAN RECOMMENDED MUST BE APPROVED BY DELPHI PACKARD ELECTRIC SYSTEMS ENGINEERING.

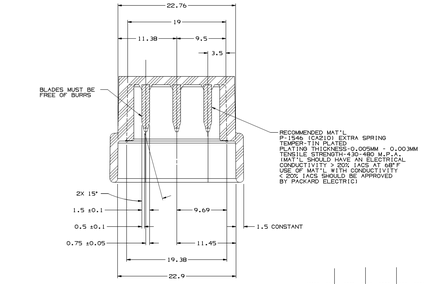
MINIMUMS

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

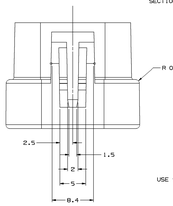
TENSILE STRENGTH - 430 - 480 MPa

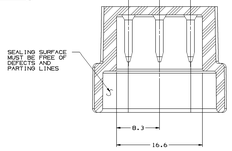
UNDERPLATING FOR TIN-PLATING - FOR BASE MATERIALS CONTAINING 10% OR MORE ZINC. AN UNDERPLATE OF COPPER 0.0025 MM (100 µIN) MINIMUM THICK IS REQUIRED.

PROCESSING LUBRICANT - ANY PROCESSING LUBRICANT REMAINING ON TERMINALS MUST NOT INTERFERE OR DEGRADE THE ELECTRICAL PERFORMANCE OF THE CONNECTION SYSTEM. ANY PROCESSING LUBRICANT REMAINING ON TERMINALS MUST BE APPROVED BY DELPHI PACKARD ELECTRIC SYSTEMS ENGINEERING.



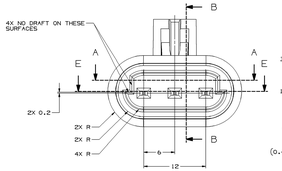
SECTION E-E





SECTION A-A

MATING BLADE INFORMATION



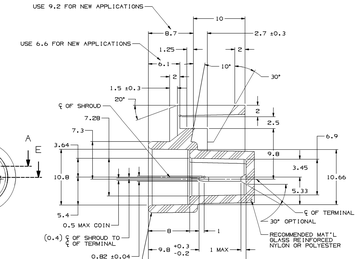
NOTES

1. UNLESS OTHERWISE SPECIFIED AND/OR INDICATED:

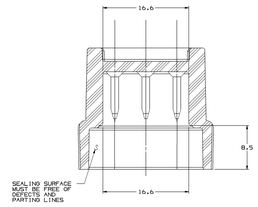
   DIMENSIONS ARE TO FACE OF VIEW SHOWN AND AUTOMATICALLY ROUNDED BY COMPUTER FOR INSPECTION (SEE MATH MODEL FOR PRECISE DIMENSIONS). FOR ALL OTHER DIMENSIONS NOT SHOWN BUT REQUIRED FOR TOOL BUILD, SEE MATH MODEL FOR PRECISE TOOL PATH DATA.
   ALL RADII 0.4
   DRAFT IS 1° ON ALL OUTSIDE SURFACES

2. THE SHAPE OF THE SHROUD AND LOCK ARE REPRESENTATIVE. ALTERNATE SHROUD AND LOCK DESIGNS MAY BE USED IF DEVICES AND/OR MATING METHODS ARE PERMITTED AS LONG AS FUNCTION IS MAINTAINED
3. WHEN USING THIS INFORMATION FOR A NEW DESIGN, REQUEST THE LATEST COPY OF THIS PRINT FROM PACKARD ELECTRIC DIVISION.

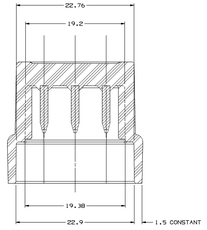
MATING CONNECTOR INFORMATION OTHER APPLICATIONS



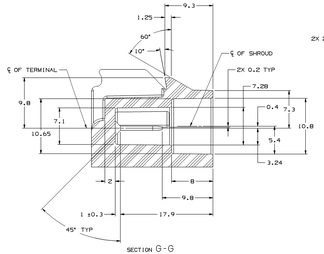
SECTION B-B



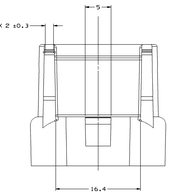
SECTION C-C

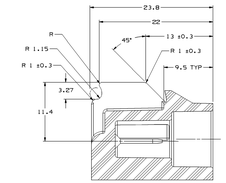


SECTION D-D



SECTION G-G





SECTION F-F

NOTES

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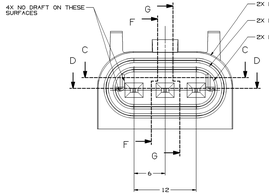
   ALL RADII 0.4
   DRAFT IS 1° ON ALL OUTSIDE SURFACES

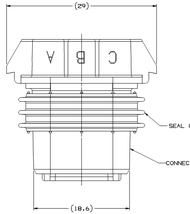
2. RECOMMENDED MATERIAL - GLASS FILLED NYLON OR POLYESTER
3. WHEN USING THIS INFORMATION FOR A NEW DESIGN, REQUEST THE LATEST COPY OF THIS PRINT FROM PACKARD ELECTRIC DIVISION.

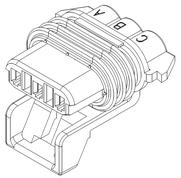


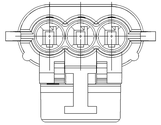
MATING CONNECTOR INFORMATION-ABS VI

SYMBOL DEFINITION		MISSING SYMBOLS
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: 1	NO MISSING SYMBOL NUMBER
	LAST NO. USED: 1	

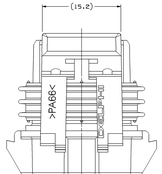
REVISION HISTORY										
DWG STATUS										
DATE	STS	REL	PLN	CUS	ZONE		AUTH	DR	EPG	EPG
12FEB98	R	01	-	-		12110253 - MAS SEPARATE DWG	JR1540	MSJ	JRH	JP
12FEB98	R	02	-	-		15324588 - RELEASED	WR0005	MSJ	JRH	JP
11JAN01	R	03	-	-		ALL PARTS - ADDED OPTIONAL CONSTRUCTION	DN2291	JTD	JRD	MMC
01MAR07	R	04	-	-		ALL PARTS - UPDATED DRAWING TO LATEST STANDARDS & CHANGED TOL., FROM DIM 1	KD6628	EDR	KAR	DDR

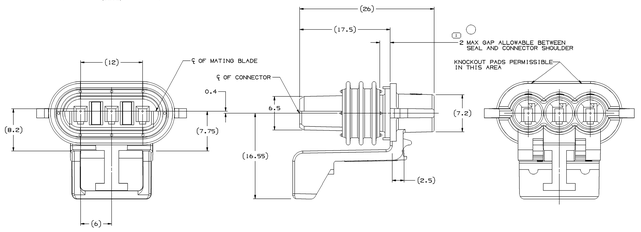






OPTIONAL CONSTRUCTION





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2. WHEN PARTS ARE SHIPPED THEY MUST BE PACKED IN PLASTIC BAGS OR PLASTIC LINERS. THE BAGS OR LINERS MUST BE SEALED TO AVOID ENTRY OF FOREIGN MATTER. BAGS OR LINERS MUST BE SEALED TO AVOID ENTRY OF FOREIGN MATTER.
3. DESIGN WILL PASS SALT FAG AND IMMERSION TEST AFTER CONDITIONING AS SPECIFIED IN ESA-710 (METRI-PACK).
   - WHEN MATED TO MATING PART OR EQUIVALENT.
4. REFERENCE MATING COMPONENTS OR EQUIVALENT:

   TERMINAL 12048074

5. THIS PART ACCEPTS THE FOLLOWING COMPONENTS OR EQUIVALENT:

   SECONDARY TERMINAL LOCK 12052845
   CABLE SEAL 15324997
   CABLE SEAL - MATING FOR COMPATIBLE O.D. RANGE
   CONNECTOR POSITION ASSURANCE LOCK
   A. IN-LINE AND PANEL MOUNT APPLICATIONS - 12020833
   B. ABS VI APPLICATIONS - 12110292
   MATING PART
   A. IN-LINE APPLICATIONS - 12052844 CONN.
   B. ABS VI APPLICATIONS ANTI-LOCK BRAKE PANEL

15324588	C1	AB	-	-	-	15324588	12052842
12110253	D9	-	-	-	-	12110254	12052842
PART NO	REV	N/P	STATUS	CONNECTOR		SEAL CONN	

DELPHI	
DELPHI PACKARD ELECTRICAL/ELECTRONIC ARCHITECTURE	
PART DRAWING	
TITLE	DATE
DRAWN A.GARCIA	12JUL00
APPV JOSE HUERTA	12JUL00
APPV JACQUELINE REIDER	23JUL00
UNLESS OTHERWISE SPECIFIED THIS DRAWING IS A PACKARD ELECTRIC CORP. PROPRIETARY DOCUMENT. UNAUTHORIZED USE PROHIBITED. REPRODUCTION OR DISCLOSURE TO OTHERS WITHOUT WRITTEN PERMISSION IS PROHIBITED.	SUBMISSION OF DRAWING AND INCLUDED SAMPLES FOR QUALITY APPROVAL
ALL DIMENSIONS ARE IN MILLIMETERS	
REFERENCE	
DESCRIPTION: TAXI 4SM CONN F W/P 150 SLD	
DESIGN OWNER: SEE DWG	
DESIGN NUMBER: 15324700	
SIZE A1x4 SH 1 OF 2	

CAGE CODE	PROCESS SENSITIVE DIMENSIONS
0QA24	DIMENSIONS MARKED WITH A DIAMOND ARE PROCESS SENSITIVE AND MUST BE MAINTAINED AS REQUIRED BY PACKARD ELECTRIC

| DIMENSIONS PER ASME Y14.5M | | | | | | | | | |