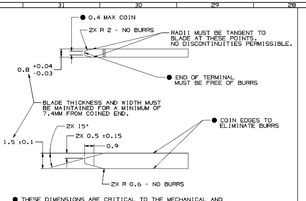


MATERIAL SPECIFICATIONS

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.

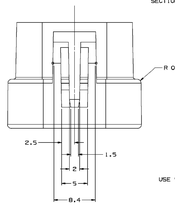
MINIMUMS

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

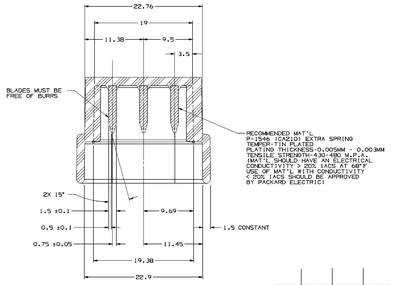
TENSILE STRENGTH - 430 - 480 MPa

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.

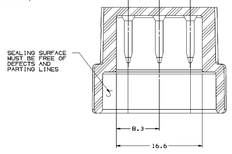
PROCESSING LUBRICANT - ANY PROCESSING LUBRICANT REMAINING ON TERMINALS MUST NOT INTERFERE WITH ELECTRICAL PERFORMANCE OF THE TERMINALS. ANY LUBRICANT WITH A MAXIMUM TEMPERATURE LOWER THAN 125°C OF THE LUBRICANTS MUST BE APPROVED BY DELPHI PACKARD ELECTRIC SYSTEMS ENGINEERING.



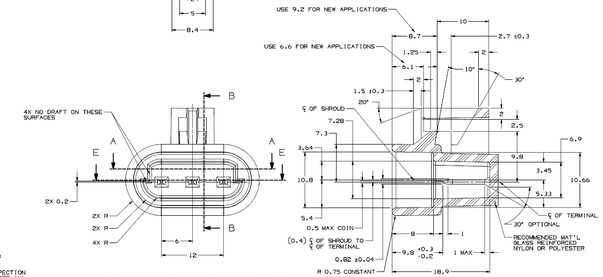
MATING BLADE INFORMATION



SECTION E-E



SECTION A-A



SECTION B-B

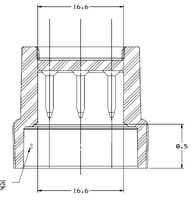
MATING CONNECTOR INFORMATION OTHER APPLICATIONS

NOTES

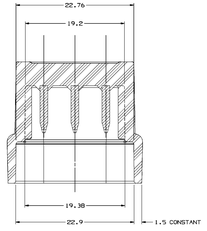
1. UNLESS OTHERWISE SPECIFIED AND/OR INDICATED:

   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

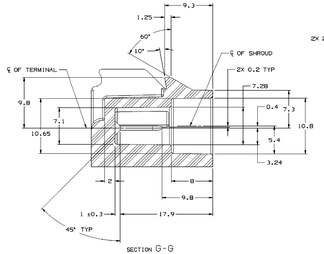
2. THE SHAPE OF THE SHROUD AND LOCK ARE REPRESENTATIVE. THE SHAPE OF THE SHROUD AND LOCK ARE FLEXIBLE. SLIDE ACTUATORS AND/OR MOLDING METHODS ARE PERMITTED AS LONG AS FUNCTION IS MAINTAINED
3. WHEN USING THIS INFORMATION FOR A NEW DESIGN, REQUEST THE LATEST COPY OF THIS PRINT FROM PACKARD ELECTRIC DIVISION.



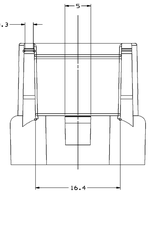
SECTION C-C

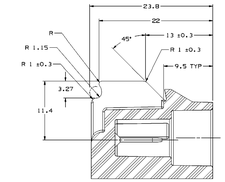


SECTION D-D

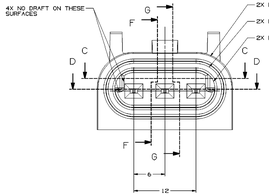


SECTION G-G





SECTION F-F



MATING CONNECTOR INFORMATION-ABS VI

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

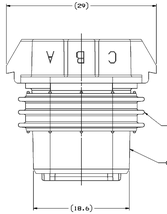
2. RECOMMENDED MATERIAL - GLASS FILLED NYLON OR POLYESTER
3. WHEN USING THIS INFORMATION FOR A NEW DESIGN, REQUEST THE LATEST COPY OF THIS PRINT FROM PACKARD ELECTRIC DIVISION.

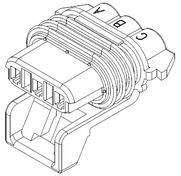
REVISION NUMBER							
15324700							
SIZE	SCALE	TYPE	SHEET	SHEET REVISION	SIZE	TYPE	REV
A1x4	5:1	12	OF 21	1	OF 1	R	05

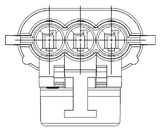
SYMBOL DEFINITION		MISSING SYMBOLS
A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL (ID) DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.	TOTAL NO OF INSPECTING REQUIRED: 1	NO MISSING SYMBOL NUMBER
	LAST NO. USED: 1	

REVISION HISTORY										
1	1	1	-		1211(ZD3) - MAS SEPARATE DWG	1515481	MAS	JM	JM	JM
1	1	1	-		1520(ABS) - RELEASED	9900105	MAS	JM	JM	JM
1	1	3	3	-	ALL PARTS - ADDED OPTIONAL CONSTRUCTION	2402591	JCS	JCS	MAS	
1	1	4	-	-	ALL PARTS - UPDATED DRAWING TO LATEST STANDARDS & CHANGED TOL., FROM SW 1	4206481	DDS	MAS	MAS	
1	1	5	-	-	ALL PARTS - ADDED ADHESIVE & APPLICATION DRAWING NOTES, 1904(ABS) - RELEASED	4157(2)	MAS	MAS	JCS	

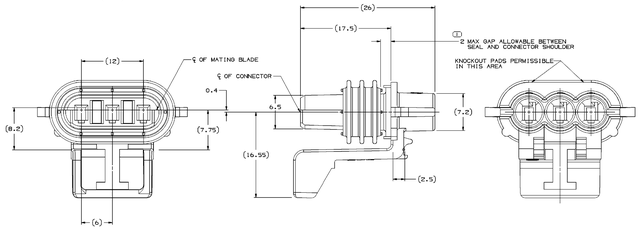
1,9(14)(2)	(2)	-			1524586	(2)	AC		1524588	1,5(9)(2)
					1211(ZD3)	D10			1211(ZD4)	1,2(5)(2)
PART NO WITH ADHESIVE	REV	N/P	STATUS		PART NO WITHOUT ADHESIVE	REV	N/P	STATUS	CONNECTOR	SEAL CONN

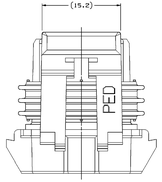






OPTIONAL CONSTRUCTION





NOTES

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2. WHEN PARTS ARE SHIPPED THEY MUST BE PACKED IN PLASTIC BAGS TO PROTECT THE PARTS FROM DIRT, DUST, OIL, GREASE, WATER, ETC. BAGS OR LINERS MUST BE SEALED TO AVOID ENTRY OF FOREIGN MATTER.
3. DESIGN WILL PASS SALT FOG AND IMMERSION TEST AFTER CONDITIONING AS SPECIFIED IN BSA-710 (METRI-PACK). - WHEN MATED TO MATING PART OF EQUIVALENT.
4. FOR APPLICATION DATA SEE THE INDIVIDUAL APPLICATION DRAWINGS.
5. FOR PART NUMBER WITH ADHESIVE, USE M9160(D0) OR ADHESIVE APPROVED BY MATERIALS ENGINEERING TO GLUE CONNECTOR SEAL TO CONNECTOR.

DIM. STYLE	PART DRAWING
DRAWN BY	
DRAW DATE	SCALE SIZE
	UNLESS OTHERWISE SPECIFIED
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	ALL DIMENSIONS ARE IN MILLIMETERS
	REFERENCE
	CRITICAL PROCESS SENSITIVE DIMENSION
	SUPERSEDES DRAWING 1524 & REPLACES DRAWING 1524 IN ASSEMBLY
	THIRD ANGLE PROJECTION

DELPHI	
DELPHI PACKARD ELECTRICAL/ELECTRONICS ARCHITECTURE	
	DATE
CR	
APVD / ASSEMBLY	12/1/99
APVD / JOSE HERRERA	12/1/99
APVD / JACQUELINE PEIRCE	12/1/99
APVD	
APVD	
SUBSTANCE OF CODING IS DEFINED IN SPECIFICATION WITHOUT ADDITIONAL CHARGES	
DRAWN BY	
BILL GIVHT	
DRAWING TITLE	
TAXI ASM CONN F W/P 150 SLD	
DRAWING NUMBER	
15324700	
SIZE	SCALE TYPE SHEET REV
A1x4	5:1 12 OF 21 1 OF 1 R 05

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