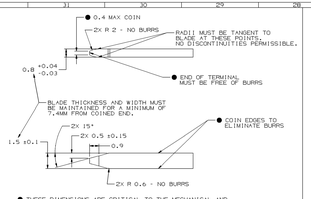


MATERIAL SPECIFICATIONS

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

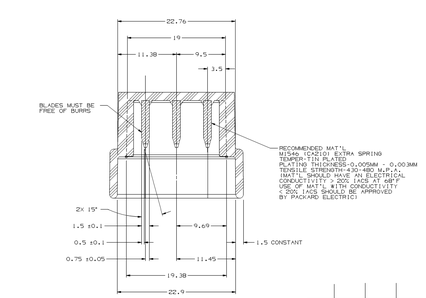
ELECTRICAL CONDUCTIVITY - 28% IACS AT 20 °C. USE OF A MATERIAL WITH CONDUCTIVITY <28% IACS MUST BE APPROVED BY PACKARD ELECTRIC MATERIALS ENGINEERING.

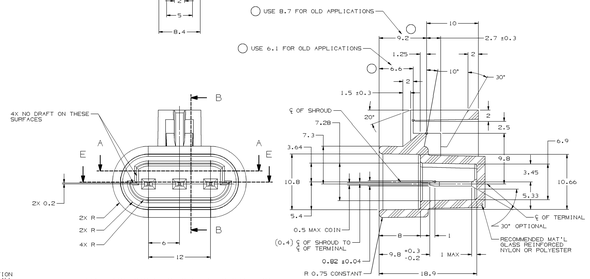
TENSILE STRENGTH - 430 - 480 MPa

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 BE COMPATIBLE WITH ELECTRICAL PERFORMANCE REQUIREMENTS. ANY LUBRICANT WITH A MAXIMUM TEMPERATURE RATING LESS THAN 125°C OR PROCESSING LUBRICANTS MUST BE APPROVED BY DELPHI PACKARD ELECTRIC SYSTEMS ENGINEERING.

MATING BLADE INFORMATION





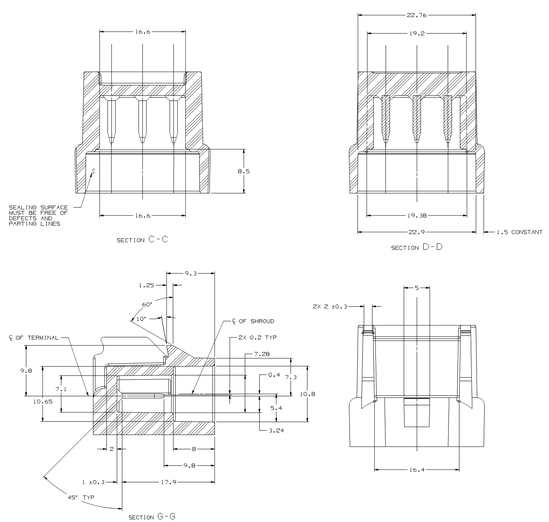
MATING CONNECTOR INFORMATION OTHER APPLICATIONS

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 MAY VARY TO SUIT SPACES 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.



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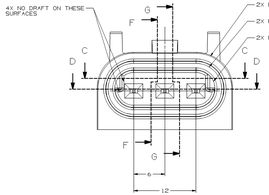
   ALL RADII 0.4
   DRAFT IS 1° ON ALL OUTSIDE SURFACES

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

								15324800	01	00	15324800 12050842
12124672	01	AA						12110273	01	-	12110204 12050842
PART NO WITH ADHESIVE	REV	N/P						PART NO WITHOUT ADHESIVE	REV	N/P	CONNECTOR SEAL CONN

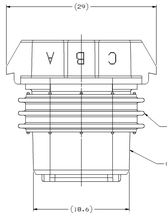
SYMBOL DEFINITION

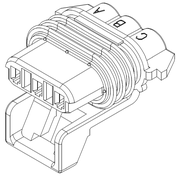
A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL (__) DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.	TOTAL NO OF INSPECTIONS REQUIRED	1
	LAST NO. USED	1

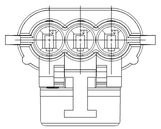
MISSING SYMBOLS

NO MISSING SYMBOL NUMBER

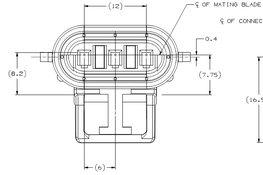
ZONE	STS	REV	PLP	DAT	ZONE	REVISION HISTORY	AUTH	DR	PP	SUP
12F29M	R	01	-		-	(12124672) - W/O SEPARATE DWG	CS/GAT	VJS	JRI	JP
12F29M	R	02	-		-	(15324800) - RELEASED	990205	VJS	JRI	JP
11J4E3	R	03	-		-	ALL PARTS - ADDED OPTIONAL CONSTRUCTION	240296	JJG	JJG	DMC
11A9E7	R	04	-		-	ALL PARTS - UPDATED DRAWING TO LATEST STANDARDS & CHANGED TOL., FROM DIM 1	400408	DDB	KAB	DDB
14DC11	R	05	-		-	ALL PARTS - ADDED ADHESIVE & APPLICATION DRAWING NOTES, (PN-N/S) - RELEASED	415721	MKB	MKB	JCP
09AU17	R	06	-		-	ALL PARTS - DIM 9.2 WAS 8.7, DIM 6.6 WAS 6.1 AND UPDATED LABEL INFO (PNO PLADES)	437355	JMF	JMF	JJG

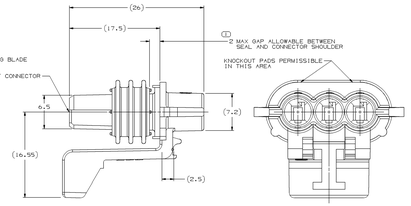


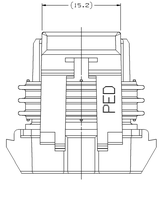




OPTIONAL CONSTRUCTION







NOTES

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2. WHEN PARTS ARE SHIPPED THEY MUST BE PACKED IN PLASTIC BAGS OR LINERS TO PROTECT THE SEAL FROM DIRT AND FOREIGN MATTERS. BAGS OR LINERS MUST BE SEALED TO AVOID ENTRY OF FOREIGN MATTERS.
3. DESIGN WILL PASS SALT FOG AND IMMERSION TEST AFTER CONDITIONING AS SPECIFIED IN ESA-T10 (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 M3510001 OR ADHESIVE APPROVED BY MATERIALS ENGINEERING TO SLOBE CONNECTOR SEAL TO CONNECTOR.

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PART DRAWING

UNLESS OTHERWISE SPECIFIED
THIS DRAWING IS IN ACCORDANCE WITH ASME Y14.5M-1994 UNLESS OTHERWISE SPECIFIED. ALL DIMENSIONS ARE IN MILLIMETERS AND ARE INCLUSIVE OF PLATING UNLESS OTHERWISE SPECIFIED.

REFERENCE

ALL DIMENSIONS ARE IN MILLIMETERS

APVD	A.LEAVITT	12/2/99
APVD	JOSE HUERTA	12/2/99
APVD	JACQUELINE REIDER	12.1.99
APVD		
APVD		

SUBSTANCES OF CONCERN NOT REQUIRED (WATCH PART DELPHI LEARNING)

SHEET COUNT

DELPHI
DELPHI PACKARD ELECTRICAL/ELECTRONIC ARCHITECTURE
WARREN, OHIO
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APVD	A.LEAVITT	12/2/99
APVD	JOSE HUERTA	12/2/99
APVD	JACQUELINE REIDER	12.1.99
APVD		
APVD		

SUBSTANCES OF CONCERN NOT REQUIRED (WATCH PART DELPHI LEARNING)

SHEET COUNT

DELPHI

DELPHI PACKARD ELECTRIC SYSTEMS

DELPHI PACKARD ELECTRIC SYSTEMS

THIRD ANGLE PROJECTION

DO NOT SCALE DRAWING

USE SLOPE

DELPHI

DELPHI PACKARD ELECTRIC SYSTEMS

DELPHI PACKARD ELECTRIC SYSTEMS