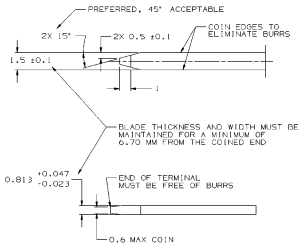
SYMBOL DEFINITION			MISSING SYMBOLS
A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL ( ) DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.	TOTAL NO OF INSPECTIONS REQUIRED	11	NO MISSING SYMBOL NUMBER
	LAST NO. USED	9	

DWG STATUS DATE	STG	REV	N/P	CHG	ZONE	REVISION HISTORY	AUTH	DR	APVD 1	APVD 2
15MR04	R	01	-	-		RELEASED	253035	JMR	JMR	LN



MATERIAL SPECIFICATIONS

RECOMMENDED

BASE METAL - CDA-210, GILDING, EXTRA SPRING TEMPER

PLATING - 0.0050±0.0025 MM THICK TIN

MINIMUMS

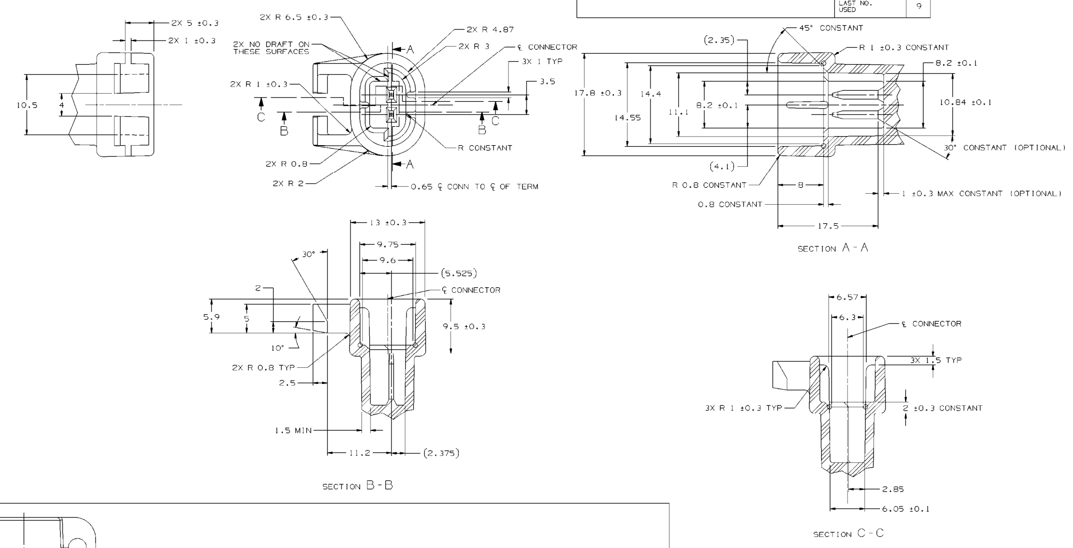
ELECTRICAL CONDUCTIVITY - ≥ 20% IACS ± 20°C. USE OF A MATERIAL WITH CONDUCTIVITY < 20% IACS MUST BE APPROVED BY PACKARD ELECTRIC MATERIALS ENGINEERING.

TENSILE STRENGTH - 407 MPa

PLATING -FOR LOW ENERGY (≤ 5v) AND NON-PASSENGER COMPARTMENT POWER CIRCUITS, 0.0050+0.0025MM. THICK TIN. FOR MATERIALS CONTAINING 10% OR MORE ZINC, AN UNDERPLATE OF COPPER 0.0050±0.0025 MM THICK IS REQUIRED.

MATING BLADE INFORMATION

SCALE 8:1

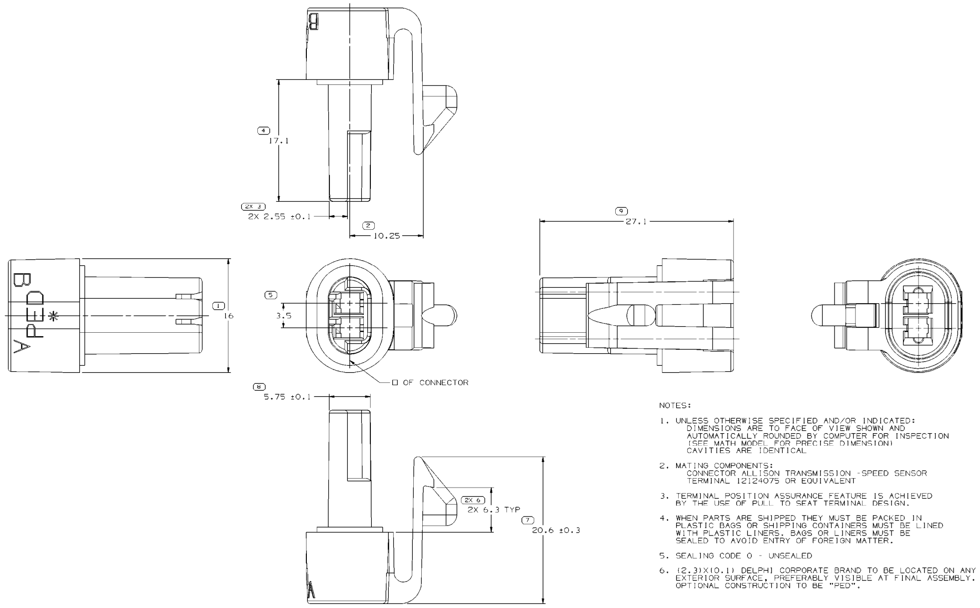


NOTES:

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 DIMENSION)
   ALL RADII 0.40
   DRAFT IS 1° ON ALL OUTSIDE SURFACES
2. RECOMMENDED MATERIAL - POLYETHERIMIDE
3. WHEN USING THIS INFORMATION FOR A NEW DESIGN, REQUEST THE LATEST COPY OF THIS PRINT FROM PACKARD ELECTRIC DIVISION.

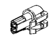
MATING CONNECTOR INFORMATION

(FOR UNSEALED APPLICATIONS ONLY)



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 DIMENSION)
   CAVITIES ARE IDENTICAL
2. MATING COMPONENTS:
   CONNECTOR ALLISON TRANSMISSION -SPEED SENSOR
   TERMINAL 12124075 OR EQUIVALENT
3. TERMINAL POSITION ASSURANCE FEATURE IS ACHIEVED BY THE USE OF PULL TO SEAT TERMINAL DESIGN.
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.
5. SEALING CODE 0 - UNSEALED
6. (2.3)X(0.1) DELPHI CORPORATE BRAND TO BE LOCATED ON ANY EXTERIOR SURFACE, PREFERABLY VISIBLE AT FINAL ASSEMBLY. OPTIONAL CONSTRUCTION TO BE "PED".



R 0.1 MAX
R 0.2 MAX
SHARP CORNER TOLERANCE

PROCESS SENSITIVE DIMENSION

DIMENSIONS ENCLOSED IN ( ) INDICATE REFERENCE DIMENSIONS AND NO TOLERANCE LIMITS ARE ESTABLISHED

DWG TYPE: PART DRAWING

STYLE:

VOLUME (CM³): 1.773

DISTR CODE: D

ROUTING: 6900,6901

UNLESS OTHERWISE SPECIFIED

THIS DOCUMENT IS IN ACCORDANCE WITH ASME Y14.5M-1994 AS AMENDED BY THE GM GLOBAL DIMENSIONING AND TOLERANCING ADDENDUM-2001. SEPARATE PATTERNS OF FEATURES MAY BE GAGED SEPARATELY REGARDLESS OF DATUM REFERENCES.

ALL DIMENSIONS ARE IN MILLIMETERS

REFERENCE:

THIRD ANGLE PROJECTION

DO NOT SCALE

USE MATH DATA

CAD UG UNIGRAPHICS

DELPHI

DELPHI PACKARD ELECTRIC SYSTEMS
WARREN, OH

		DATE
DR	RAMIREZ	03FE95
APVD1	J. RAINEY	15MR04
APVD2	J. RAINEY	15MR04
APVD3	LISA NEMTZ	16MR04
APVD4		
APVD5		

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER DELPHI 10949001

MATERIAL: M2297003 PEI GRA

DRAWING NAME: CONN 2 F M/P 150.2 GRA

DRAWING NUMBER: 15490953

SIZE	SCALE	FRAME NO	SHEET NO	STG	REV	N/P
A0	5:1	1 OF 1	1 OF 1	R	01	-