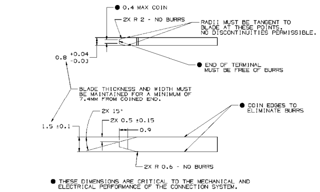


● THESE DIMENSIONS ARE CRITICAL TO THE MECHANICAL AND ELECTRICAL PERFORMANCE OF THE CONNECTION SYSTEM.

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

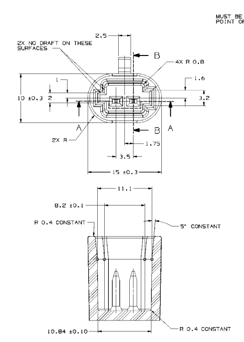
ELECTRICAL CONDUCTIVITY - ≥28% IACS AT 20 °C. USE OF A MATERIAL WITH CONDUCTIVITY <28% IACS MUST BE APPROVED BY PACKARD ELECTRIC MATERIALS ENGINEERING.

TENSILE STRENGTH - 430 - 480 MPa

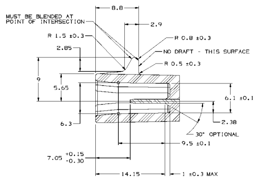
UNDERPLATING FOR TIN PLATING - FOR BASE MATERIALS CONTAINING 10% OR MORE ZINC, AN UNDERPLATE OF COPPER 0.0025 MM (100 μIN) MINIMUM THICK IS REQUIRED.

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



SECTION A-A



SECTION B-B

NOTES

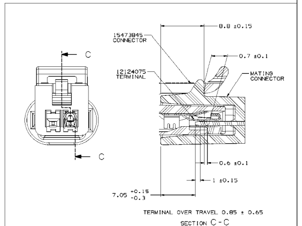
1. UNLESS OTHERWISE SPECIFIED AND/OR INDICATED:
   DIMENSIONS ARE TO FACE OF VIEW SHOWN AND AUTOMATICALLY ROUNDED BY COMPUTER FOR INSPECTION (SEE MATH MODEL FOR PRECISE DIMENSIONS). FOR ALL OTHER DIMENSIONS NOT SHOWN BUT REQUIRED FOR TOOL BUILD, SEE MATH MODEL FOR PRECISE TOOL PATH DATA.
   ALL RADII 0.4
   DRAFT IS 1° ON ALL OUTSIDE SURFACES
2. TERMINAL MUST WHITSTAND A MINIMUM PUSHOUT FORCE OF 67 NEWTONS.
3. WHEN USING THIS INFORMATION FOR A NEW DESIGN, REQUEST THE LATEST COPY OF THIS PRINT FORM PACKARD ELECTRIC DID=CISIO

RECOMMENDED MATERIAL —— GLASS REINFORCED NYLON OR POLYESTER.

MATING CONNECTOR INFORMATION

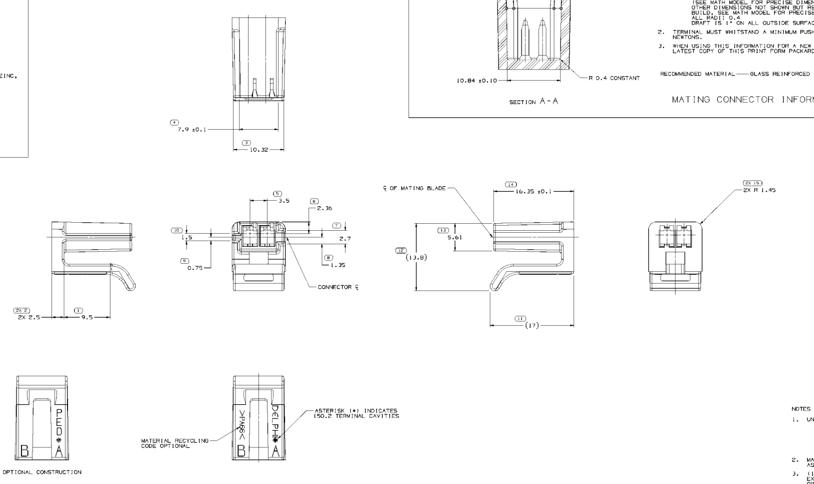
SYMBOL DEFINITION			MISSING SYMBOLS
A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL ⬭ DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.	TOTAL NO OF INSPECTIONS REQUIRED	17	16
	LAST NO. USED	16	

DATE	STG	REV	N/P	CHG	ZONE	REVISION HISTORY	AUTH	DR	APVD 1	APVD 2
21JL03	R	01	-	-		15473845 - RELEASED	243096	JYD	JYD	GMC
25AU04	-	02	-	-		ALL PARTS - ADDED STACK ANALYSIS VIEW	257699	AKJ	AKJ	BDG
07MR06	R	03	-	-		15473845 - ADDED MATERIAL RECYCLING CODE AND UPDATED MATING BLADE INFORMATION	278092	JPH	JAA	BDG
05DE07	R	04	-	-		15473845 - ADDED APPLICATION DATA NOTE, APPEARANCE ITEM NOTE & RECYCLING CODE LABEL, REMOVED PART ACCEPTS NOTE AND REVISED MAT'L CALLOUT TO GENERIC CALLOUT	403126	ACG	EVV	JGS
27AP10	R	05	-	-		UPDATED MATING CONFIGURATION INFO	410689	DMC	DMC	GEM



SECTION C-C

STACK ANALYSIS VIEW



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. MATERIAL RECYCLING CODE PER ISO 11469. (1)X(0.1) CHARACTERS AS SHOWN TO BE LOCATED ON ANY EXTERIOR SURFACE.
3. (1.5)X(0.1) DELPHI CORPORATE BRAND TO BE LOCATED ON ANY EXTERIOR SURFACE, PREFERABLY VISIBLE AT FINAL ASSEMBLY. OPTIONAL CONSTRUCTION TO BE "PED" OR NO LOGO.
4. THIS PRODUCT IS NOT CATEGORIZED AS AN APPEARANCE ITEM. MINOR IMPERFECTIONS INCLUDING, BUT NOT LIMITED TO, FLOW MARKS, COLOR BLEMISHES, GATE VESTIGE, AND SOFT FLASH THAT DO NOT AFFECT THE FIT, FORM, OR FUNCTION OF THE PART ARE PERMISSIBLE PER DPNP-4.7-CS-01.
5. FOR APPLICATION DATA SEE THE INDIVIDUAL APPLICATION DRAWINGS.

DRAWING NUMBER						
15473842						
SIZE	SCALE	FRAME NO	SHEET NO	STG	REV	N/P
A1x3	5:1	2 OF 2	1 OF 1	R	05	-

PART NO	REV	N/P	STATUS	MATERIAL SPECIFICATION AND COLOR	TYPE	VOL CM3
15473845	01	AD		POLYAMIDE COMPOUND BLUE	101	0.865

DWG TYPE: PART DRAWING
STYLE:
VOLUME (CM3): SEE CHART
DISTR CODE: D

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 BASED SEPARATELY REGARDLESS OF DATUM REFERENCES.
ALL DIMENSIONS ARE IN MILLIMETERS

PROCESS SENSITIVE DIMENSION
ENCLOSED IN ( ) INDICATE DIMENSIONS AND NO TOLERANCE ESTABLISHED
REFERENCE:

THIRD ANGLE PROJECTION
DO NOT SCALE
USE MATH DATA
NX

DELPHI
DELPHI PACKARD ELECTRICAL/ELECTRONIC ARCHITECTURE
WARREN, OH

		DATE
DR		
APVD1	JESUS YEE	21JL03
APVD2	JESUS YEE	21JL03
APVD3	GERARDO MACIAS	21JL03
APVD4		
APVD5		

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER DELPHI 10949001
MATERIAL: SEE CHART
DRAWING NAME: TAXI CONN F M/P 150.2
DRAWING NUMBER: 15473842

SIZE	SCALE	FRAME NO	SHEET NO	STG	REV	N/P
A1x3	5:1	1 OF 2	1 OF 1	R	05	-

15473842