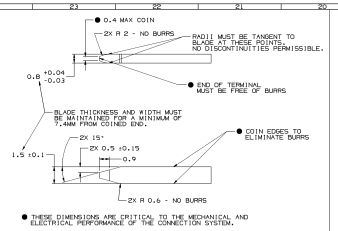


● THESE DIMENSIONS ARE CRITICAL TO THE MECHANICAL AND ELECTRICAL PERFORMANCE OF THE CONNECTION SYSTEM.

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

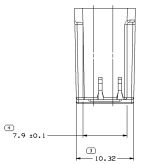
ELECTRICAL CONDUCTIVITY - >28% IACS AT 20 °C. USE OF A MATERIAL WITH CONDUCTIVITY <28% IACS MUST BE APPROVED BY PACKARD ELECTRIC MATERIALS ENGINEERING.

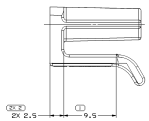
TENSILE STRENGTH - 430 - 480 MPa

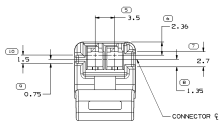
UNDERPLATING FOR TIN PLATING - FOR BASE MATERIALS CONTAINING 10% OR MORE ZINC, AN UNDERPLATE OF COPPER 0.0025 MM (100 µIN) MINIMUM THICK IS REQUIRED.

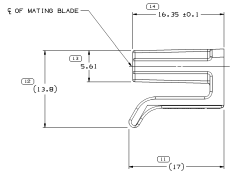
PROCESSING LUBRICANT - ANY PROCESSING LUBRICANT REMAINING ON TERMINALS MUST NOT VARNISH OR OTHERWISE DEGRADE ELECTRICAL PERFORMANCE OF THE CONNECTION SYSTEM AT MAXIMUM TEMPERATURE RATING. ALL PROCESSING LUBRICANTS MUST BE APPROVED BY DELPHI PACKARD ELECTRIC SYSTEMS ENGINEERING.

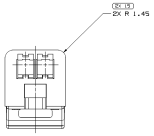
MATING BLADE INFORMATION

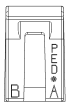




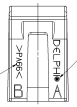






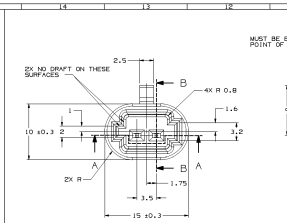


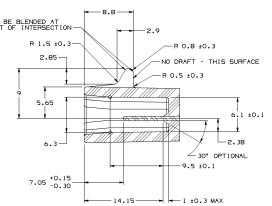
OPTIONAL CONSTRUCTION



MATERIAL RECYCLING CODE OPTIONAL

ASTERISK (*) INDICATES 150.2 TERMINAL CAVITIES





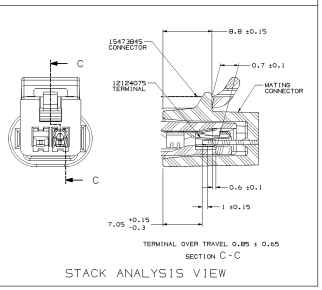
NOTES

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 (XX) DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.	TOTAL NO OF INSPECTIONS REQUIRED 17	16
	LAST NO. USED 16	



STACK ANALYSIS VIEW

ENG STATUS					DWN	REVISION HISTORY	ECN	BY	DATE
RELEASED	R	01	-	-		15473845 - RELEASED	213396	JTD	17DEC02
RELEASED	R	02	-	-		ALL PARTS - ADDED STACK ANALYSIS VIEW	257699	AK	26DEC03
RELEASED	R	03	-	-		15473845 - ADDED MATERIAL RECYCLING CODE AND UPDATED MATING BLADE INFORMATION	278090	JRK	24JUN04
RELEASED	R	04	-	-		15473845 - ADDED APPLICATION DATA NOTE, REVISED PART NUMBERING CONVENTION, LABEL REMOVED PART 2 DIRECTLINE CODE, REVISED MATL CALLOUT TO NUMERIC CALLOUT	431125	ADS	09NOV05
STAPLED	R	05	-	-		UPDATED MATING CONFIGURATION INFO	413669	CMC	04DEC06

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, (>)(<)(.)(CHARACTERS AS SHOWN TO BE LOCATED ON ANY EXTERIOR SURFACE.
3. (.)(S)(X)(.)(DELPHI CORPORATE BRAND TO BE LOCATED ON ANY EXTERIOR SURFACE OF THE MOLDED PART OF THE ASSEMBLY. OPTIONAL CONSTRUCTION TO BE "AESSEAL" OR LOGO.
4. THIS PRODUCT IS NOT CATEGORIZED AS AN APPEARANCE ITEM. MINOR IMPERFECTIONS INCLUDING, BUT NOT LIMITED TO, FLOW MARKS, COLOR VARIATIONS, SINK MARKS, AND GATE BLUSH 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.

15473845	01	AD	POLYAMIDE COMPOUND BLUE		101	0.805
PART NO	REV	M/P	STATUS	MATERIAL SPECIFICATION AND COLOR	TYPE	VOL CM3

| | | | | | | |