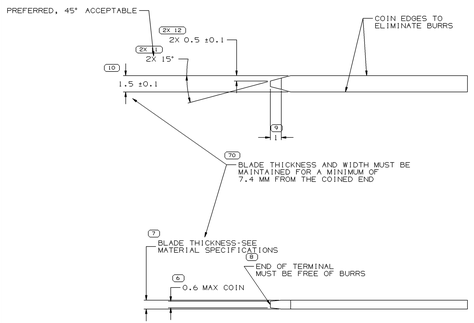


MATERIAL SPECIFICATIONS

RECOMMENDED

BASE METAL - CDA-210, GILDING, EXTRA SPRING TEMPER
PLATING - 0.0050 ±0.0025 MM THK TIN

MINIMUMS

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

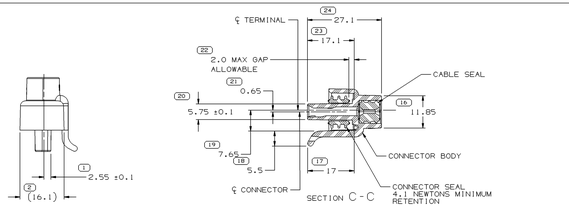
TENSILE STRENGTH - 407 MPa

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

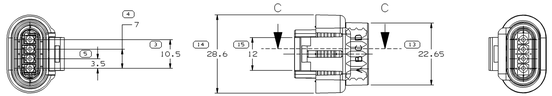
BLADE THICKNESS
UNPLATED = 0.813 ±0.025
TIN PLATED = 0.823 ±0.030

MATING BLADE INFORMATION

INSPECTION SYMBOLS ARE FOR REFERENCE ONLY
SCALE 8:1

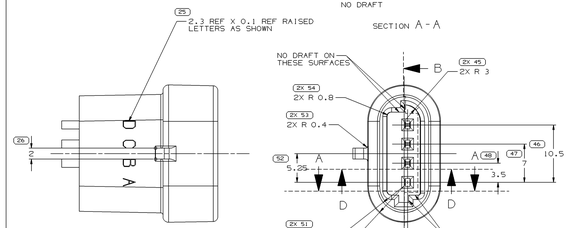


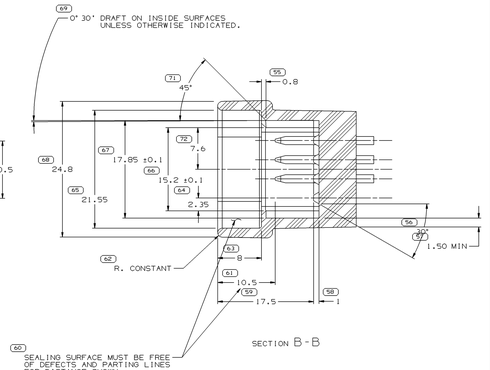
SECTION C-C



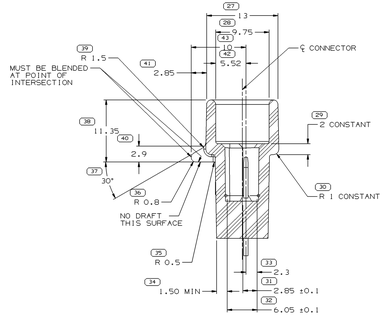


SECTION A-A





SECTION B-B



SECTION D-D

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 0.4
   DRAFT IS 1° ON ALL OUTSIDE SURFACES
   CAVITIES ARE IDENTICAL
   LOCKING FEATURES ARE IDENTICAL

1. CAVITIES TO ACCEPT 12124075 TERMINAL OR EQUIVALENT. MAXIMUM CABLE DIAMETER 2.68MM.

2. 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.

3. FOR LEAD LENGTH CALCULATIONS, DISTANCE FROM MATING END OF CONNECTOR TO FRONT OF CABLE CORE IS 10.15-7.05.

4. MATING DEVICE IS THE DELCO-REMY ANGLE BASE IGNITION TIMING SYSTEM (A.B.I.T.S.) IGNITION MODULE OR EQUIVALENT.

5. SEALING CODE 3

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 0.4
   DRAFT IS 1° ON ALL OUTSIDE SURFACES

2. WHEN USING THIS INFORMATION FOR A NEW DESIGN, REQUEST THE LATEST COPY OF THIS PRINT FROM PACKARD ELECTRIC.

RECOMMENDED MATERIAL: GLASS REINFORCED NYLON OR POLYESTER

MATING CONNECTOR INFORMATION

INSPECTION SYMBOLS ARE FOR REFERENCE ONLY
SCALE 4:1



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	79	NO MISSING SYMBOL NUMBER
	LAST NO. USED	72	

DWG STATUS					ZONE	REVISION HISTORY	AUTH	DR	APVD	APVD 2
DATE	STS	REV	N/P	CHG						
13JA05	R	01	-	-	-	12162859 - WAS SEPARATE DRAWING 13519340 - RELEASED	262876	ADK	ADK	CD

PART NO	REV	N/P	STATUS	CONNECTOR	CABLE SEAL	CONNECTOR SEAL	CONNECTOR COLOR
13519340	01			13519341	12078081	12040756	BLACK
12162859	A1	-	-	12162738	12078081	12040756	BE10E

DRAWING NUMBER: 13519522
SIZE A1x3 | SCALE 2:1 | FRAME NO | SHEET NO 2 OF 2 | STS R | REV 01 | N/P -

DIMENSIONAL RANGE (MM)

FROM	> 0	> 10	> 30	> 70	> 100	> 200	> 300	> 400
TO	10	30	70	100	200	300	400	800
TOLERANCE UNLESS OTHERWISE SPECIFIED	±0.15	±0.2	±0.3	±0.4	±0.5	±0.6	±0.7	±0.8
ANGULAR TOLERANCE ∠±	1°	45'	30'	20'	15'	10'	7.5'	5'

PROCESS SENSITIVE DIMENSION
DIMENSIONS ENCLOSED IN ( ) INDICATE REFERENCE KINEMATICAL AND NO TOLERANCE UNITS ARE MILLIMETERS UNLESS OTHERWISE SPECIFIED

THIRD ANGLE PROJECTION | DO NOT SCALE | USE MATH DATA

DRAWING TYPE: PART DRAWING
STYLE
VOLUME: IGNT | SYSTEM CODE: D

UNLESS OTHERWISE SPECIFIED
THIS DOCUMENT IS IN ACCORDANCE WITH ASME Y14.5M-1994 AND ASME Y14.5.1M-1994 WITH THE FOLLOWING TOLERANCING MODIFICATIONS: (APD) - ALL GEOMETRIC TOLERANCES ARE RELATED UNLESS APPLIES. RULE #1(PERFECT FORM AT MMC) DOES NOT APPLY. ALL GEOMETRIC TOLERANCES APPLY TO THE FULL FEATURE IN ITS ENTIRE LENGTH AND DEPTH. ALL DIMENSIONS AND TOLERANCES ARE IN MILLIMETERS. REMARKS OF DATUM REFERENCE: ---
ALL DIMENSIONS ARE IN MILLIMETERS

MATERIAL: SEE DRAWING | REFERENCE

DR: APVD1 ADAM D. KIMBERLIN 13JA05 B
APVD2 ADAM D. KIMBERLIN 13JA05
APVD3 C. DEPROFIO 13JA05
APVD4
APVD5

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER DELPHI (DWF900)

FINISH: SEE DRAWING

DRAWING NAME: TAXI ASM CONN 4 F M/P 150.2 SLD

DRAWING NUMBER: 13519522
SIZE A1x3 | SCALE 2:1 | FRAME NO | SHEET NO 1 OF 2 | STS R | REV 01 | N/P -

DELPHI
DELPHI PACKARD ELECTRIC SYSTEMS
WARREN, OH

13219255