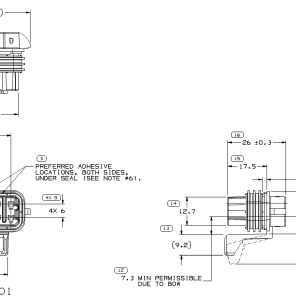
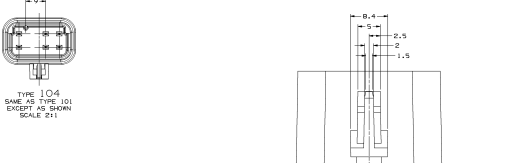
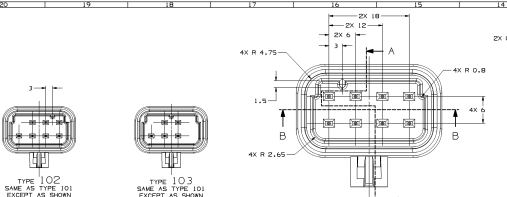
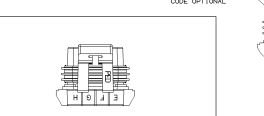
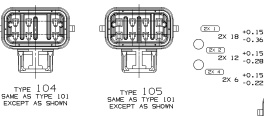
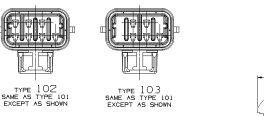
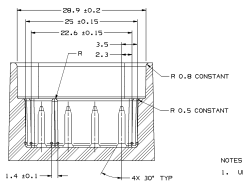
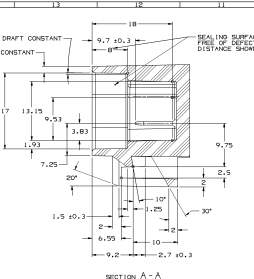


MATERIAL SPECIFICATIONS
 RECOMMENDED
 BASE METAL - CDA-210, EXTRA SPRING TEMPER
 PLATING - 0.005±0.0025 MM THICK TIN
 MINIMUMS
 ELECTRICAL CONDUCTIVITY - 3,200 IACS AT 20°C USE OF A MATERIAL WITH CONDUCTIVITY 20% HIGHER MUST BE APPROVED BY PACKARD ELECTRIC MATERIALS ENGINEERING.
 TENSILE STRENGTH - 407 MPa
 PLATING FOR LOW ENERGY (LS-V) AND NON-PASSENER COMPATIBLE SURFACE FINISH (0.100±0.0025 MM THICK TIN). FOR MATERIALS CONTAINING 100% OR MORE ZINC, AN UNDERCOAT OF COPPER 0.0025±0.0025 MM THICK IS REQUIRED.

MATING BLADE INFORMATION
 SCALE 8:1



MATING PART INFORMATION
 SCALE 4:1



NOTES
 1. UNLESS OTHERWISE SPECIFIED AND/OR INDICATED:
 DIMENSIONS ARE TO FACE OF VIEW SHOWN AND AUTOMATICALLY DIMENSIONED BY COMPUTER FOR INSPECTION (SEE MATH MODEL FOR PRECISE DIMENSIONS) FOR ALL OTHER DIMENSIONS NOT SHOWN SEE REQUIREMENTS FOR TOOL BUILD. SEE MATH MODEL FOR PRECISE TOOL PATH DATA.
 2. RECOMMENDED MATERIAL: GLASS FILLED NYLON OR POLYESTER.
 3. TERMINAL MUST WITHSTAND A MINIMUM PUSH-OUT FORCE OF 89 N (20 LBS.).
 4. WHEN USING THIS INFORMATION FOR A NEW DESIGN, REQUEST THE LATEST COPY OF THIS PRINT FROM PACKARD ELECTRIC.

NOTES
 1. UNLESS OTHERWISE SPECIFIED AND/OR INDICATED:
 DIMENSIONS ARE TO FACE OF VIEW SHOWN AND AUTOMATICALLY DIMENSIONED BY COMPUTER FOR INSPECTION (SEE MATH MODEL FOR PRECISE DIMENSIONS) FOR ALL OTHER DIMENSIONS NOT SHOWN SEE REQUIREMENTS FOR TOOL BUILD. SEE MATH MODEL FOR PRECISE TOOL PATH DATA.
 2. WHEN PARTS ARE SHIPPED, THEY MUST BE PACKED IN PLASTIC BAGS OR SHIPPED CONTAINERS MUST BE LINED WITH PLASTIC LINERS. BASE OR LINERS MUST BE SEALED TO AVOID ENTRY OF FOREIGN MATTER.
 3. SEALING CODE 3 - DESIGN WILL PASS SALT FOR AND IMMERSION TEST AFTER CONDUCTING AS SPECIFIED IN MATH MODEL. (SEALED UNDER VACUUM IN 65A-950 UNDERWOOD WIPER-INK-11, 1.5-HOUR LINGER CORROSIVE) LIT WHEN MATED TO MATING PART OR EQUIVALENT.
 4. SEE CABLE SEAL AND SECONDARY LOCK DRAWINGS FOR COMPATIBLE CABLE O.D. RANGE.
 5. MINIMUM RETENTION OF SEMI-INDUSTRIAL SEAL TO CONNECTOR IS 4.1 N.
 6. SILICONE 7-76 ADHESIVE OR EQUIVALENT IS TO BE APPLIED TO THIS ASSEMBLY FOR THE PURPOSE OF MAINTAINING SEAL POSITION AND INSURING THAT MINIMUM RETENTION VALUE IS TO CONNECTOR IS ACHIEVED. SEE GRAPHIC FOR RECOMMENDED LOCATION OF ADHESIVE APPLICATION. THE APPLICATION OF ADHESIVE IS DESIGNATED BY * IN THE TABLE.
 7. THIS DRAWING IS NOT CONSIDERED AS AN APPROVED ITEM UNLESS SPECIFICALLY INDICATED BUT NOT LIMITED TO: PCBA MARKING INFORMATION, PART POSITIONING, AND PART TOLERANCE DATA. THE FIT, FORM, OR FUNCTION OF THE PART ARE PERMISSIBLE PER APP 4.10-18.
 8. FOR APPLICATION DATA SEE THE INDIVIDUAL APPLICATION DRAWINGS.

1524167	A	ORIGINATE	103	1524158	1524159	-	-	-
1524247	BP	ORIGINATE	105	1524217	1524219	-	•	1524247
1524267	BJ	ORIGINATE	105	1524217	1524219	-	-	-
1525200	DP	ORIGINATE	103	1525249	1524739	-	-	-
1525208	DP	ORIGINATE	103	1525249	1524739	-	-	-
1524739	BP	ORIGINATE	103	1524739	1524739	-	-	-
1524739	BP	ORIGINATE	101	1524739	1524739	-	-	-

SYMBOL DEFINITION	ALL DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL (UNLESS NOT SPECIFIED OTHERWISE) IS TO BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.
TOTAL NO. OF INSPECTIONS REQUIRED	02
LAST USE NO.	16

REV	SYMBOL	DATE	DESCRIPTION	APP	CHK
000101	A 01	-	ALL ACTIVE PARTS - RETURN TO PS	152704	152704
152501	1 02	-	DESIGNED - ONE-BIT COLOR AND MARK.	172304	152501
152401	1 03	-	DESIGNED - UNDESIGN. LOCATED & DESIGNATED - ORIGINATE	14764	152401
152401	1 04	-	DESIGNED - ORIGINATE	14764	152401
152401	1 05	-	ALL ACTIVE PARTS - REDESIGN 201 1 OF 2	41534	152401
152401	1 06	-	DESIGNED UNLATION DRAWING	41534	152401
152401	1 07	-	ALL ACTIVE PARTS - 25.0 ± 0.15 ± 0.2 MM	41534	152401
152401	1 08	-	ALL ACTIVE PARTS - 25.0 ± 0.15 ± 0.2 MM	41534	152401



DELPHI
 QUALITY POWER ELECTRONIC SYSTEMS

DATE	PART DRAWING
REV	
SYMBOL	
SCALE	
DESIGNER	
CHECKER	
APPROVED BY	
DATE	
REV	
SYMBOL	
SCALE	
DESIGNER	
CHECKER	
APPROVED BY	
DATE	
REV	
SYMBOL	
SCALE	
DESIGNER	
CHECKER	
APPROVED BY	
DATE	

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