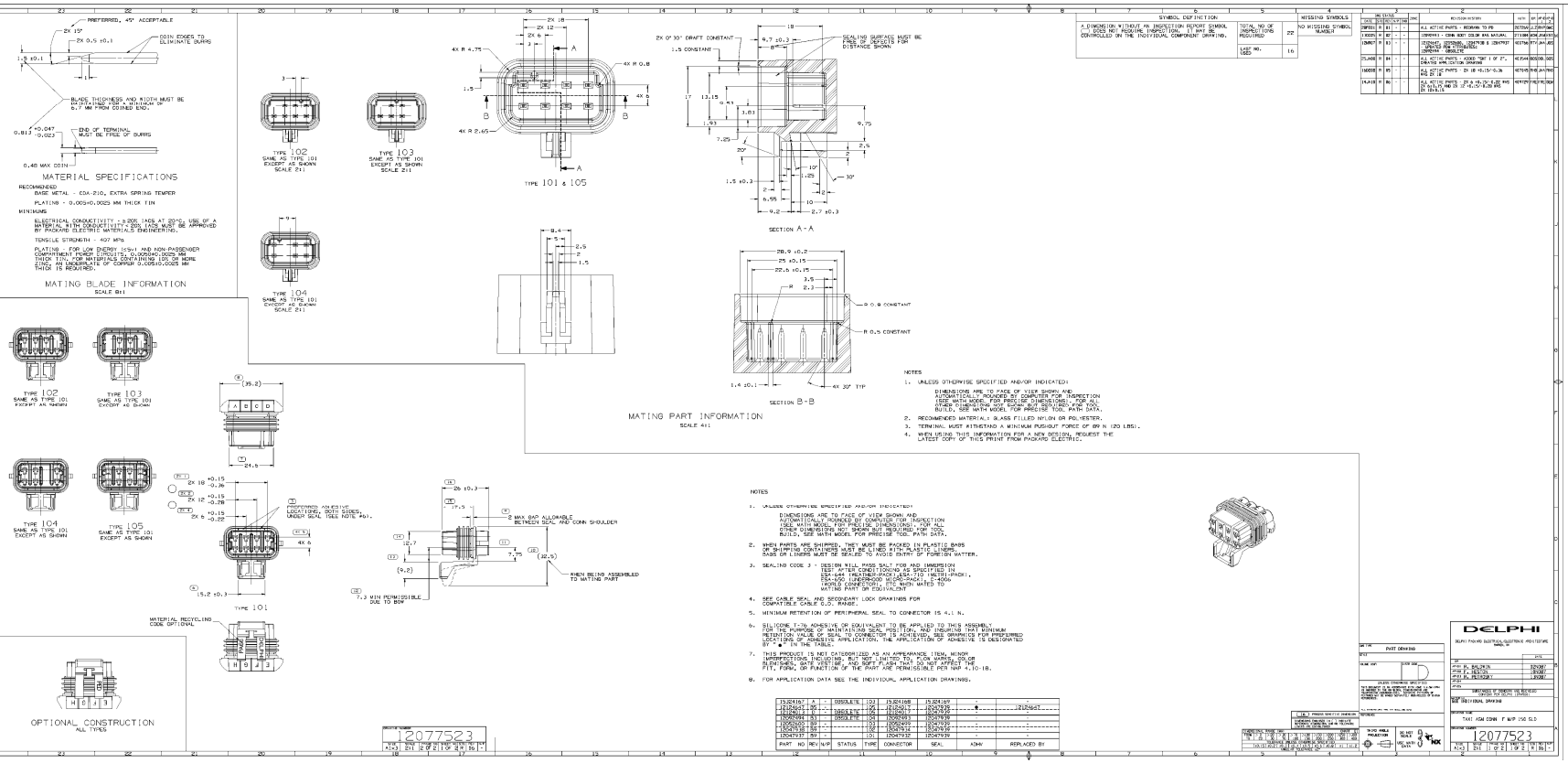
PREFERRED, 45° ACCEPTABLE
2X 15°
2X 0.5 ±0.1
COIN EDGES TO ELIMINATE BURRS
1.5 ±0.1
BLADE THICKNESS AND WIDTH MUST BE MAINTAINED FOR A MINIMUM OF 6.7 MM FROM COINED END.
END OF TERMINAL MUST BE FREE OF BURRS
0.48 MAX COIN
MATERIAL SPECIFICATIONS
RECOMMENDED
BASE METAL - CDA-210, EXTRA SPRING TEMPER
PLATING - 0.0013+0.0025 MM THICK TIN
MINIMUMS
ELECTRICAL CONDUCTIVITY - 4.8MS (AS AT 20°C USE OF A DIFFERENT WIRE CONDUCTIVITY AT 20°C MUST BE APPROVED BY PACKARD ELECTRIC MATERIALS ENGINEERING.
TENSILE STRENGTH - 407 MPa
PLATING - FOR LOW ENERGY (<5v) AND NON-PASSENGER COMPARTMENT POWER CIRCUITS, 0.0025(+0.0025) MM THICK TIN. FOR MATERIALS CONTAINING 10% OR MORE PARTS OF COPPER 0.0013(0.0025 MM THICK IS REQUIRED.
MATING BLADE INFORMATION
SCALE 8:1
TYPE 102
SAME AS TYPE 101 EXCEPT AS SHOWN
SCALE 2:1
TYPE 103
SAME AS TYPE 101 EXCEPT AS SHOWN
SCALE 2:1
TYPE 104
SAME AS TYPE 101 EXCEPT AS SHOWN
SCALE 2:1
TYPE 101 & 105
SECTION A-A
SECTION B-B
MATING PART INFORMATION
SCALE 4:1
TYPE 102
SAME AS TYPE 101 EXCEPT AS SHOWN
TYPE 103
SAME AS TYPE 101 EXCEPT AS SHOWN
TYPE 104
SAME AS TYPE 101 EXCEPT AS SHOWN
TYPE 105
SAME AS TYPE 101 EXCEPT AS SHOWN
PREFERRED ADHESIVE LOCATIONS, BOTH SIDES, UNDER SEAL (SEE NOTE #6).
TYPE 101
MATERIAL RECYCLING CODE OPTIONAL
OPTIONAL CONSTRUCTION
ALL TYPES
SYMBOL DEFINITION
A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE PROTOTYPAL COMPONENT DRAWING.
MISSING SYMBOLS
NO MISSING SYMBOL NUMBER
TOTAL NO OF INSPECTIONS REQUIRED 22
LAST NO. USED 16
REVISION HISTORY
NOTES
1. UNLESS OTHERWISE SPECIFIED AND/OR INDICATED:
DIMENSIONS ARE TO FACE OF VIEW SHOWN AND AUTOMATICALLY INCLUDED 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. 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 INCLUDED 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. 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. SEALING CODE 3 - DESIGN WILL PASS SALT FOG AND IMMERSION TEST AFTER CONDITIONING AS SPECIFIED IN ES4-644 (MULTI-PACK),ES4-710 (MULTI-PACK), ES4-650 (UNPOPULATED WIRE-PACK), E-4006 (UNPOPULATED WIRE-PACK) AND MATED TO MATING PART OR EQUIVALENT.
4. SEE CABLE SEAL AND SECONDARY LOCK DRAWINGS FOR COMPATIBLE CABLE O.D. RANGE.
5. MINIMUM RETENTION OF PERIPHERAL SEAL TO CONNECTOR IS 4.1 N.
6. SILICONE T-76 ADHESIVE OR EQUIVALENT TO BE APPLIED TO THIS ASSEMBLY FOR THE PURPOSE OF MAINTAINING SEAL POSITION AND ENSURING THE MINIMUM RETENTION VALUE OF SEAL TO CONNECTOR. THE RECEIVED, SEAMLESS PRE-IMPRINTED LOCATIONS OF ADHESIVE APPLICATION. THE APPLICATION OF ADHESIVE IS DESIGNATED BY "●" IN THE TABLE.
7. 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 NAP 4.10-18.
8. FOR APPLICATION DATA SEE THE INDIVIDUAL APPLICATION DRAWINGS.
DELPHI
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ISO A2S3