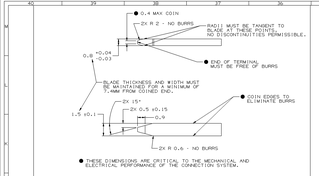


MATERIAL SPECIFICATIONS

RECOMMENDED

BASE METAL - CDA-210, EXTRA SPRING TEMPER

- TIN PLATED (WHERE APPLICABLE TO 125°C MAX CONTINUOUS USAGE)) 0.0005±0.0025 MM 1000±100 µ(IN) ELECTROPLATED TIN.
- USAGE OF PLATING TYPES OTHER THAN RECOMMENDED MUST BE APPROVED BY DELPHI PACKARD ELECTRIC SYSTEMS ENGINEERING.

MINIMUMS

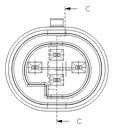
ELECTRICAL CONDUCTIVITY - 32%IACS AT 20 °C- USE OF A PLATING WITH LESS CONDUCTIVITY MUST BE APPROVED BY PACKARD ELECTRIC MATERIALS ENGINEERING

TENSILE STRENGTH - 430 - 480 MPa

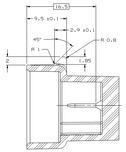
UNDERPLATING FOR TIN PLATING - FOR BASE MATERIALS CONTAINING 10% OR MORE ZINC, A NICKEL UNDERPLATE MUST BE PRESENT. MIN 1000 µ(IN) NICKEL UNDERPLATE

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 105°C-PROCESSING LUBRICANTS MUST BE APPROVED BY DELPHI PACKARD ELECTRIC SYSTEMS ENGINEERING.

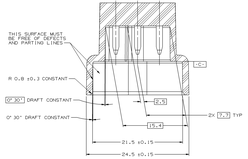
MATING BLADE INFORMATION



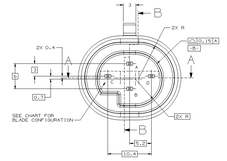
OPTIONAL CONSTRUCTION



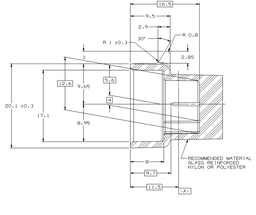
SECTION C-C



SECTION A-A



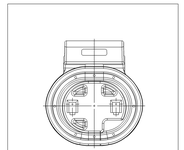
MATING CONNECTOR INFORMATION



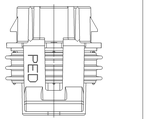
SECTION B-B

NOTES

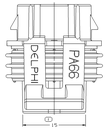
1. UNLESS OTHERWISE SPECIFIED AND/OR INDICATED:
   DIMENSIONS ARE TO FACE OF VIEW SHOWN AND AUTOMATICALLY ROUNDED BY COMPUTER FOR INSPECTION
   OTHER DIMENSIONS NOT SHOWN BUT REQUIRED FOR TOOL BUILD, SEE MATH MODEL FOR PRECISE TOOL PATH DATA.
2. SEALING CODE 3 - DESIGN WILL PASS 5kJ FOR AND IMMERSION TEST AFTER CONDITIONING AS SPECIFIED IN EIA-364 (UNSHIELDED WIRE-PACH), EIA-364 (SHIELDED WIRE-PACH), EIA-364 (UNSHIELDED WIRE-PACH), C-606.
   SEALING CONDITIONING MUST BE MATED TO MATING PART OR EQUIVALENT.
3. THIS PART ACCEPTS THE FOLLOWING COMPONENTS OR EQUIVALENT:
   TERMINAL: 12048077
   SECONDARY TERMINAL LOCK 12066176
4. CONNECTOR SEAL TO BE SLUED TO CONNECTOR WITH PN60351C-001
   CONNECTOR SEAL MUST BE FREE OF DEBRIS AND PARTING LINES
   APPLIED AT 3 OPPOSITE LOCATIONS UNDER THE CONNECTOR SEAL.

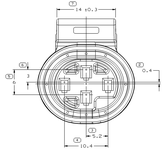


MATING END OF TYPICAL CONN WITH BLOCKED CAVITIES

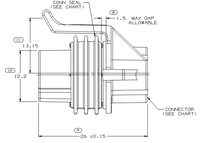


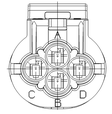
OPTIONAL CONSTRUCTION

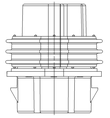


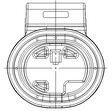


TYPE 101

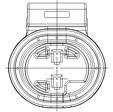








TYPE 102
SAME AS TYPE (0)
EXCEPT AS SHOWN



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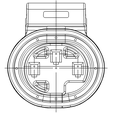
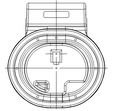


TYPE 104
SAME AS TYPE (0)
EXCEPT AS SHOWN

TYPE 105
SAME AS TYPE (0)
EXCEPT AS SHOWN



TYPE 106
SAME AS TYPE (0)
EXCEPT AS SHOWN

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