



**RECOMMENDED**

BASE METAL - C94-Z10, EXTRA SPRING TEMPER

TIN PLATING (WHERE APPLICABLE TO 125°C MAX CONTINUOUS USE) IS DISCONTINUED AND REPLACED WITH ELECTROPLATED TIN.

USE OF PLATING TYPES OTHER THAN RECOMMENDED MUST BE APPROVED BY DELPHI PASADENA ELECTRIC SYSTEMS ENGINEERING.

**MINIMUMS**

ELECTRICAL CONDUCTIVITY - 2800 LACS AT 20 °C. USE OF A MATERIAL WITH CONDUCTIVITY OVER THIS MUST BE APPROVED BY PASADENA ELECTRIC SYSTEMS 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 (0.0001 IN) MINIMUM THICK IS REQUIRED.

PROTECTIVE LUBRICANT - ANY PROTECTIVE LUBRICANT BROWN WITH ITS TERMINALS MUST NOT REMAIN ON TERMINAL SURFACES. PERFORMANCE OF THE CONNECTION UP TO 4 MAXIMUM TEMPERATURES OF 125°C. PROTECTIVE LUBRICANTS MUST BE APPROVED BY DELPHI PASADENA ELECTRIC SYSTEMS ENGINEERING.

**MATING BLADE INFORMATION**

**NOTES**

- UNLESS OTHERWISE SPECIFIED AND/OR INDICATED DIMENSIONS ARE TO FACE OF GOLD SURF AND DIMENSIONS OF HOLES ARE TO CENTER UNLESS OTHERWISE SPECIFIED. DIMENSIONS OF HOLES FOR PRESSURE FITTING MUST BE WITH TOLERANCES FOR PRESSURE FITTING. DIMENSIONS OF HOLES FOR PRESSURE FITTING MUST BE WITH TOLERANCES FOR PRESSURE FITTING. DIMENSIONS OF HOLES FOR PRESSURE FITTING MUST BE WITH TOLERANCES FOR PRESSURE FITTING.
- RECOMMENDED MATERIAL - GLASS FILLED NYLON OR POLYESTER.
- WHEN USING THIS INFORMATION FOR A NEW DESIGN, INCLUDE THE LATEST COPY OF THIS PRINT FROM PASADENA ELECTRIC DIVISION.

**SYMBOL DEFINITION**

A DIMENSIONED MATERIAL OR DIMENSIONED SYMBOL CONTROLLED FOR PRECISION DIMENSIONS. DIMENSIONS CONTROLLED BY THE INDIVIDUAL COMPONENT DRAWINGS.

TOTAL NO. OF DIMENSIONS REQUIRED		MISSING SYMBOLS	
NO. DIMENSIONS REQUIRED	NO. DIMENSIONS MISSING	NO. DIMENSIONS MISSING	NO. DIMENSIONS MISSING
2	2	2	2

**SECTION A-A**

**SECTION B-B**

**MATING CONNECTOR INFORMATION**  
SCALE 4:1

**NOTES**

- UNLESS OTHERWISE SPECIFIED AND/OR INDICATED DIMENSIONS ARE TO FACE OF GOLD SURF AND DIMENSIONS OF HOLES ARE TO CENTER UNLESS OTHERWISE SPECIFIED. DIMENSIONS OF HOLES FOR PRESSURE FITTING MUST BE WITH TOLERANCES FOR PRESSURE FITTING. DIMENSIONS OF HOLES FOR PRESSURE FITTING MUST BE WITH TOLERANCES FOR PRESSURE FITTING.
- WHEN PARTS ARE SHIPPED, THEY MUST BE PACKED IN PLASTIC BAGS OR SHIPPED IN CONTAINERS THAT ARE SEALED TO PREVENT MOISTURE. BAGS OR CONTAINERS MUST BE SEALED TO PREVENT MOISTURE.
- DESIGN WILL PASS SALT FOG AND IMMERSION TEST AFTER WHEN MATED TO MATED PART OR EQUIVALENT.
- THIS PART IS NOT CONTROLLED FOR AUTOMATIC FEEDING.
- SEE CABLE SEAL AND SECONDARY TERMINAL LOCK DRAWINGS FOR COMPATIBLE CABLE D.O. RANGE.
- FOR APPLICATION DATA SEE THE INDIVIDUAL APPLICATION DRAWINGS.
- THIS PRODUCT IS NOT CATEGORIZED AS AN APPEARANCE ITEM, WHICH IMPOSES HIGH REQUIREMENTS FOR FINISH. UNLESS OTHERWISE SPECIFIED, THE FINISH, COLOR, OR FUNCTION OF THE PART ARE PERMISSIBLE FOR RDP 4, 10-19.

**DELPHI**  
SEAL PINS FOR ELECTRICAL CONNECTORS

REV	DATE	DESCRIPTION
1		

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