



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 DIMENSIONS). FOR ALL OTHER DIMENSIONS NOT SHOWN BUT REQUIRED FOR TOOL BUILD, SEE MATH MODEL FOR PRECISE TOOL PATH DATA.
2. RECOMMENDED MATING BLADE THICKNESS 0.6±0.03 MM OR 0.64±0.03 MM AND NO LESS THAN 0.61 MM.
3. MAXIMUM CURRENT CAPACITY IS 10 AMPS WITH 0.8 MM<sup>2</sup> COPPER CABLE.
4. CRIMP DIMENSION FROM THE BACK OF THE CORE WING (INCLUDES THE FLARE OUT FROM THE CORE WING) TO THE END OF THE INSULATION WING.
5. \* DENOTES DIMENSIONS MADE AT CUT-OFF & CRIMP DIE.
6. PLUS ANGLE IS WING BOTTOM SURFACE ROTATED COUNTERCLOCKWISE AGAINST THE BOX BOTTOM SURFACE.
7. TERMINAL HAS TO MATE TO A MALE TERMINAL WITH PRECIOUS METAL PLATING CONTACT.
8. DO NOT PROBE, TEST OR OTHERWISE CONTACT THE INTERIOR REGION (THE SPRING OR ANY MOVING PART) OF THIS TERMINAL. SEVERE DAMAGE CAN OCCUR, COMPROMISING THE PERFORMANCE OF THE ELECTRICAL INTERFACE.

A LINE DRAWN THROUGH A PART NUMBER  
INDICATES THAT PHYSICAL PARTS ARE NOT AVAILABLE  
FOR ORDERING.  
PART NUMBERS THAT DO NOT HAVE A LINE PRESENT INDICATE  
THAT PHYSICAL PARTS ARE AVAILABLE FOR ORDERING.  
CONTACT APTIV SALES TO ASSURE AVAILABILITY  
OF PARTS.

DRW TYPE PART DRAWING SPECIFIED

DRV1 LUIS VILLARREAL 28FE19

APVD2 ROBERT B SNADER 01MR19

APVD3 ROBERT B SNADER 01MR19

APVD5

UNLESS OTHERWISE SPECIFIED

THIS DOCUMENT IS IN ACCORDANCE WITH ASME  
Y14.5M-2009, ENGINEERING DESIGN  
STANDARD B9.2017 FOR ESR1012004  
RECONCILIATION REQUIREMENTS.

ALL DIMENSIONS ARE IN MILLIMETERS

REFERENCE

DIMENSIONS ENCLOSED IN ( ) INDICATE  
PREFERRED OR OTHERS AND NO TOLERANCE  
LIMITS ARE ESTABLISHED

DIMENSIONAL RANGE (MM) CHART D

FROM TO

TOLERANCE UNLESS OTHERWISE SPECIFIED

±0.2

ANGULAR TOLERANCE ±2°

USE DATA CAD NX

DO NOT SCALE

FRAME NO 1 OF 1

SIZE A0 SCALE 10:1

STG R 05 REV N/P

1

| PART NO  | REV | N/P | MAT'L SIZE   | MAT'L SPEC               | CONTACT PLATING | CONTACT PLATING I.D. | SIZE (MM <sup>2</sup> ) | ID | DIA        | B <sub>1</sub> ±0.2 | B <sub>2</sub> ±0.3 | (H <sub>1</sub> ) | (H <sub>2</sub> ) | T MAX |
|----------|-----|-----|--------------|--------------------------|-----------------|----------------------|-------------------------|----|------------|---------------------|---------------------|-------------------|-------------------|-------|
| 35410018 | 01  | AA  | 0.19 X 26.78 | GOLD PLATED COPPER ALLOY | GOLD/PALLADIUM  | AU                   | 0.35                    | 22 | 1.2 - 1.7  | 1.8                 | 2.4                 | 1.75              | 2.4               | 1.4   |
| 35072401 | 01  | AB  | 0.19 X 26.78 | GOLD PLATED COPPER ALLOY | GOLD/PALLADIUM  | AU                   | 0.8 - 1                 | 17 | 1.86 - 2.4 | 2.5                 | 2.8                 | 2.7               | 2.8               | 1.6   |
| 35072400 | 01  | AB  | 0.19 X 26.78 | GOLD PLATED COPPER ALLOY | GOLD/PALLADIUM  | AU                   | 0.75 - 0.8              | 18 | 1.7 - 1.9  | 2.5                 | 2.7                 | 2.5               | 1.5               |       |
| 35072399 | 01  | AB  | 0.19 X 26.78 | GOLD PLATED COPPER ALLOY | GOLD/PALLADIUM  | AU                   | 0.5                     | 21 | 1.4 - 1.9  | 2                   | 2.4                 | 2.1               | 2.4               | 1.4   |

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CONNECTION SYSTEMS

WARREN, OH

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FRAME NO 1 OF 1

SIZE A0 SCALE 10:1

STG R 05 REV N/P

1

08-JUL-21

Time: 15:25:29