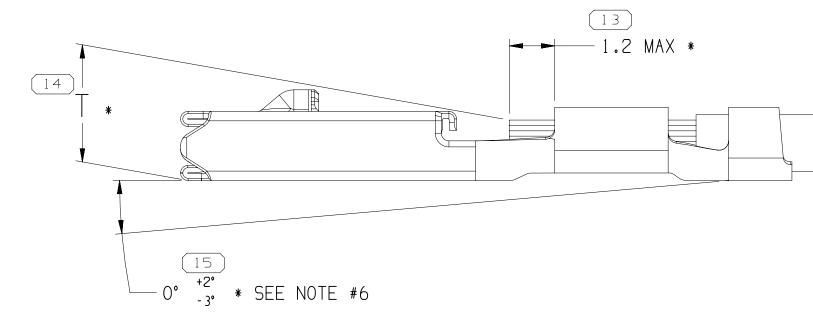


16

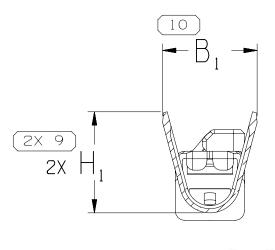
 \Leftrightarrow

14

13



TERMINAL, CABLE CRIMP ALIGNMENT & POSITION



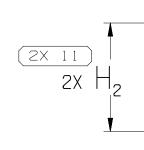
SECTION B-B

| TACT PLATING | PLATING I.D. | SIZE (MM ²) | ID | | D ₁ 10.2 | Δ ₂ 10.3 | 2 8 | (''2) | MAX | 6 5 | ±0.1 ±0.2 ANGULAR TOLERANCE ±2° |
|--------------|----------------------------------|---|--|---|--|--|--|--|--|--|--|
| TACT PLATING | PLATING I.D. | SIZE (MM ⁻) | ID | DIN | $D_1 \pm 0.2$ | $D_2 \pm 0.5$ | | | I MAX | | |
| | CONTACT | | ID | DIA | B ₁ ±0.2 | B ₂ ±0.3 | (H_1) | (H_2) | | | TOLERANCE UNLESS OTHERWISE SPECIFIED |
| IN/SILVER | SN | 0.5 | 21 | 1.4 - 1.9 | 2 | 2.4 | 2.1 | 2.4 | 1.4 | | FROM 0 >12 |
| IN/SILVER | SN | 0.75 - 0.8 | 18 | 1.7 - 1.9 | 2.5 | 2.5 | 2.7 | 2.5 | 1.5 | | LIMITS ARE ESTABLISHED DIMENSIONAL RANGE (MM) CHART D |
| IN/SILVER | SN | 0.8 - 1 | 17 | 1.86 - 2.4 | 2.5 | 2.8 | 2.7 | 2.8 | 1.6 | | DIMENSIONS ENCLOSED IN () INDICATE REFERENCE DIMENSIONS AND NO TOLERANCE |
| IN/SILVER | SN | 0.35 | 22 | 1.2 - 1.7 | 1.8 | 2.4 | 1.75 | 2.4 | 1.4 | | 3 PROCESS SENSITIVE DIMENSION |
| - I - I | N/SILVER N/SILVER N/SILVER | N/SILVER SN N/SILVER SN N/SILVER SN | N/SILVERSN0.8 - 1N/SILVERSN0.75 - 0.8N/SILVERSN0.5 | N/SILVER SN 0.8 - 1 17 N/SILVER SN 0.75 - 0.8 18 N/SILVER SN 0.5 21 | N/SILVER SN 0.8 - 1 17 1.86 - 2.4 N/SILVER SN 0.75 - 0.8 18 1.7 - 1.9 N/SILVER SN 0.5 21 1.4 - 1.9 | N/SILVER SN 0.8 - 1 17 1.86 - 2.4 2.5 N/SILVER SN 0.75 - 0.8 18 1.7 - 1.9 2.5 N/SILVER SN 0.5 21 1.4 - 1.9 2 | N/SILVER SN 0.8 - 1 17 1.86 - 2.4 2.5 2.8 N/SILVER SN 0.75 - 0.8 18 1.7 - 1.9 2.5 2.5 N/SILVER SN 0.5 21 1.4 - 1.9 2 2.4 | N/SILVER SN 0.8 - 1 17 1.86 - 2.4 2.5 2.8 2.7 N/SILVER SN 0.75 - 0.8 18 1.7 - 1.9 2.5 2.5 2.7 N/SILVER SN 0.5 21 1.4 - 1.9 2 2.4 2.1 | N/SILVER SN 0.8 - 1 17 1.86 - 2.4 2.5 2.8 2.7 2.8 N/SILVER SN 0.75 - 0.8 18 1.7 - 1.9 2.5 2.5 2.7 2.5 N/SILVER SN 0.5 21 1.4 - 1.9 2 2.4 2.1 2.4 | N/SILVER SN 0.8 - 1 17 1.86 - 2.4 2.5 2.8 2.7 2.8 1.6 N/SILVER SN 0.75 - 0.8 18 1.7 - 1.9 2.5 2.5 2.7 2.5 1.5 N/SILVER SN 0.5 21 1.4 - 1.9 2 2.4 2.1 2.4 1.4 | N/SILVER SN 0.8 - 1 17 1.86 - 2.4 2.5 2.8 2.7 2.8 1.6 N/SILVER SN 0.75 - 0.8 18 1.7 - 1.9 2.5 2.5 2.7 2.5 1.5 N/SILVER SN 0.5 21 1.4 - 1.9 2 2.4 2.1 2.4 1.4 CONTACT Contact |

- 7. DO NOT PROBE, TEST OR OTHERWISE CONTACT THE INTERIOR REGION (THE SPRING OR ANÝ MOVING PART) OF THIS TERMINAL. SEVERE DAMAGE CAN OCCUR, COMPROMISING THE PERFORMANCE OF THE ELECTRICAL INTERFACE.
- 6. PLUS ANGLE IS WING BOTTOM SURFACE ROTATED COUNTERCLOCKWISE AGAINST THE BOX BOTTOM SURFACE.
- 2.05 MM MAX WIDTH, 2.1 MM MAX HEIGHT FOR CABLE SIZE UP TO 1.9 MM O.D. 2.35 MM MAX WIDTH, 2.40 MM MAX HEIGHT FOR CABLE SIZE BETWEEN 1.86 TO 2.25 MM O.D. 2.67 MM MAX WIDTH, 2.67 MM MAX HEIGHT FOR CABLE SIZE BETWEEN 2.25 TO 2.40 MM O.D. 5. * DENOTES DIMENSIONS MADE AT CUT-OFF & CRIMP DIE.
- 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.
- 3. MAXIMUM CURRENT CAPACITY IS 10 AMPS WITH 0.8 MM² COPPER CABLE.
- 2. RECOMMENDED MATING BLADE THICKNESS 0.6±0.03 MM OR 0.64±0.03 MM RECOMMENDED MATING BLADE WIDTH NOT TO EXCEED 1.2 MM AND NO LESS THAN 0.61 MM.
- 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.

1. UNLESS OTHERWISE SPECIFIED AND/OR INDICATED:

NOTES



12 $-B_2$ SECTION C - C

20

| .40 MM U.D. | ALINE DRAWN THROUGH A PART NUMBER INDICATES THAT PHYSICAL PARTS ARE NOT AVAILABLE FOR ORDERING. PART NUMBERS THAT DO NOT HAVE A LINE PRESENT INDI THAT PHYSICAL PARTS ARE AVAILABLE FOR ORDERING. | NDICATE CONNECTION SYSTEMS WARREN, OH |
|---|---|---|
| | DWG TYPE PART DRAWING | COPYRIGHT 2019 APTIV. ALL RIGHTS RESERVED. THIS DRAWING IS THE PROPERTY OF APTIV AND CONTAINS APTIV CONFIDENTIAL INFORMATION. THE REPRODUCTION, DISTRIBUTION AND UTILIZATION OF THIS DOCUMENT OR ITS RELATED CAD MATH DATA, AS WELL AS COMMUNICATION OF ANY CONTENT TO OTHERS, WITHOUT EXPRESS AUTHORIZATION, IS PROHIBITED. |
| _ | VOLUME (CM ³) DISTR CODE | |
| | UNLESS OTHERWISE SPECIFIED | APVD1 LUIS VILLARREAL 28FE19 APVD2 ROBERT B. SNADER 01MR18 APVD3 ROBERT B. SNADER 01MR18 APVD4 |
| | THIS DOCUMENT IS IN ACCORDANCE WITH ASME Y14.5-2009. SEE APTIV ENGINEERING DESIGN STANDARD B6 2017 FOR ISO 1101:2004 RECONCILIATION REQUIREMENTS. | APVD5 SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER APTIV 10949001 |
| | ALL DIMENSIONS ARE IN MILLIMETERS | DRAWING NAME |
| PROCESS SENSITIVE DIMENSION ONS ENCLOSED IN () INDICATE ICE DIMENSIONS AND NO TOLERANCE ARE ESTABLISHED | REFERENCE | TAXI TERM F OCS 1.2 |
| NAL RANGE (MM) CHART D 0 >12 | THIRD ANGLE PROJECTION CALE | $\mathbf{X} \begin{bmatrix} \mathbf{D}_{RAWING} & NUMBER \\ 1 & 3543112 \end{bmatrix} \begin{bmatrix} \mathbf{A} \\ \mathbf{A} \end{bmatrix}$ |
| UNLESS OTHERWISE SPECIFIED ±0.1 ±0.2 NGULAR TOLERANCE ±2° 4 | USE MATH U DATA | NX size scale frame no sheet no stg rev N/P A0 10:1 1 OF 1 8 OF R 05 - |

| ŝ | DWG STATUS | | | | | ZONE | | AUTH | | | APVD |
|----|------------|-----|-----|-----|-----|------|---|--------|-----|--------|------|
| _[| DATE | STG | REV | N/P | CHG | ZUNE | REVISION HISTORY | AUTH | | 1 1 | 2 |
| | 28FE19 | R | 01 | - | - | | ALL PARTS - RELEASED PART DRAWING | 442472 | LVD | RBS | RBS |
| | 27MR19 | R | 02 | - | - | | ALL PARTS - B, ±0.2 WAS B, ±0.3 AND 2X 16 ±0.3 TYP WAS 16 ±0.3 | 442831 | LVD | JAA | OMS |
| | 26AP19 | R | 03 | - | - | | 35072393 - UPDATED PART AVAILABILITY | 443031 | JLL | JAA | OMS |
| | 15MY19 | R | 04 | - | ļ | | 35072391-92 - UPDATED PART AVAILABILTY | 443294 | LVD | RBS | RBS |
| | 29N019 | R | 05 | - | - | | 35072391 - SIZE WAS 0.35-0.5 & DIA WAS 1.47-1.9; 35410016 - RELEASED | 550373 | LVD | JAA | RBS |
| L | | | | | | | | 1 | | | |

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