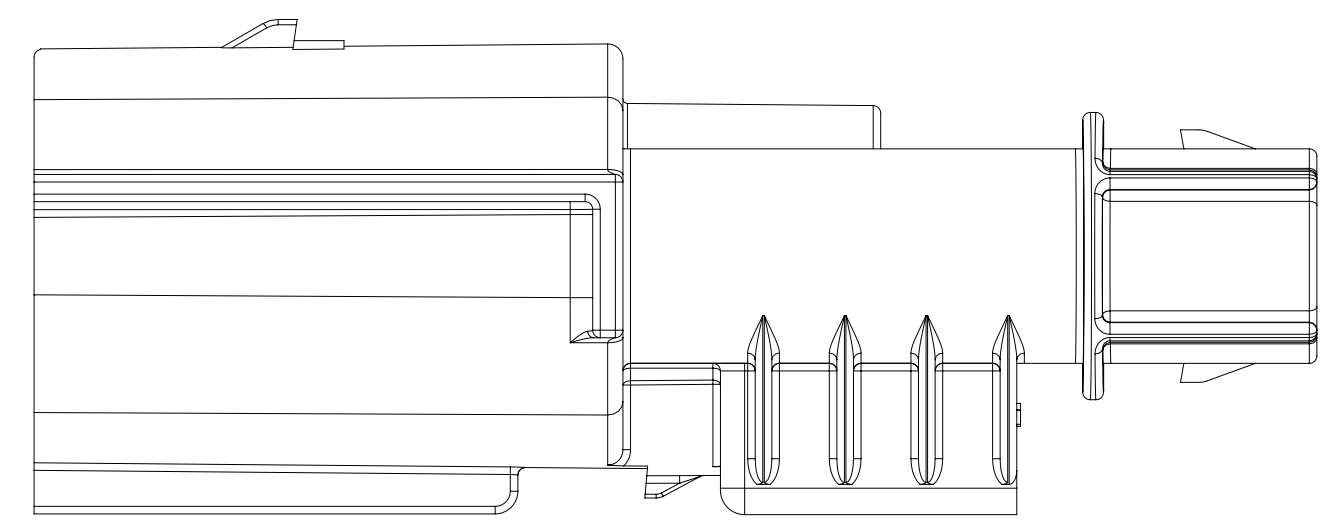
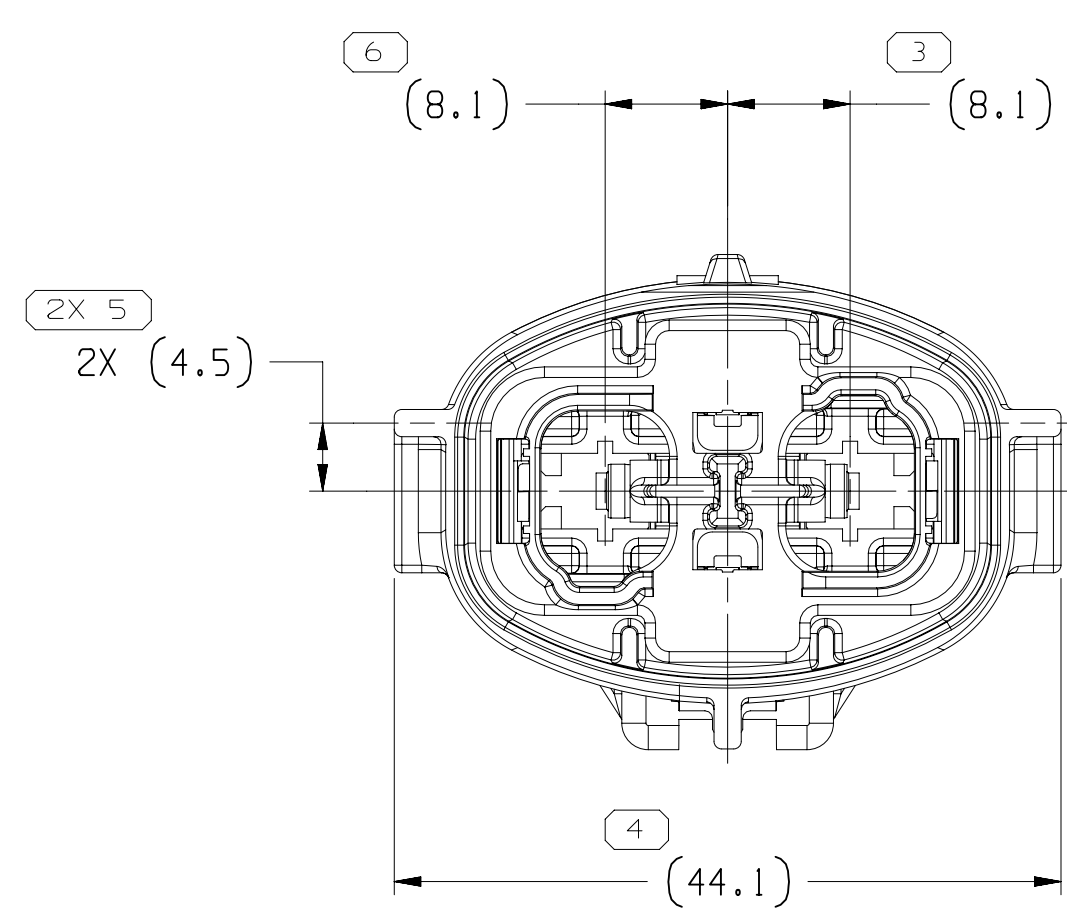
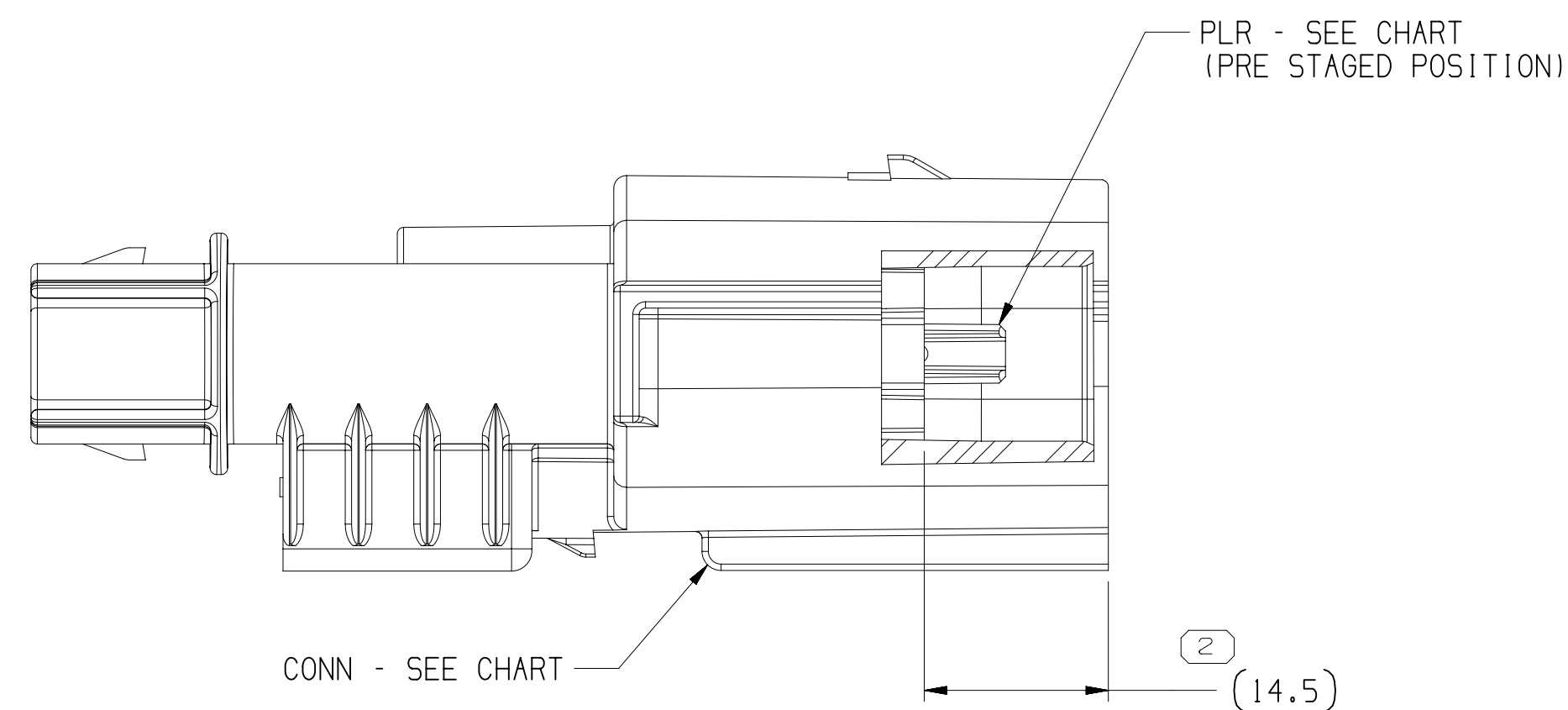
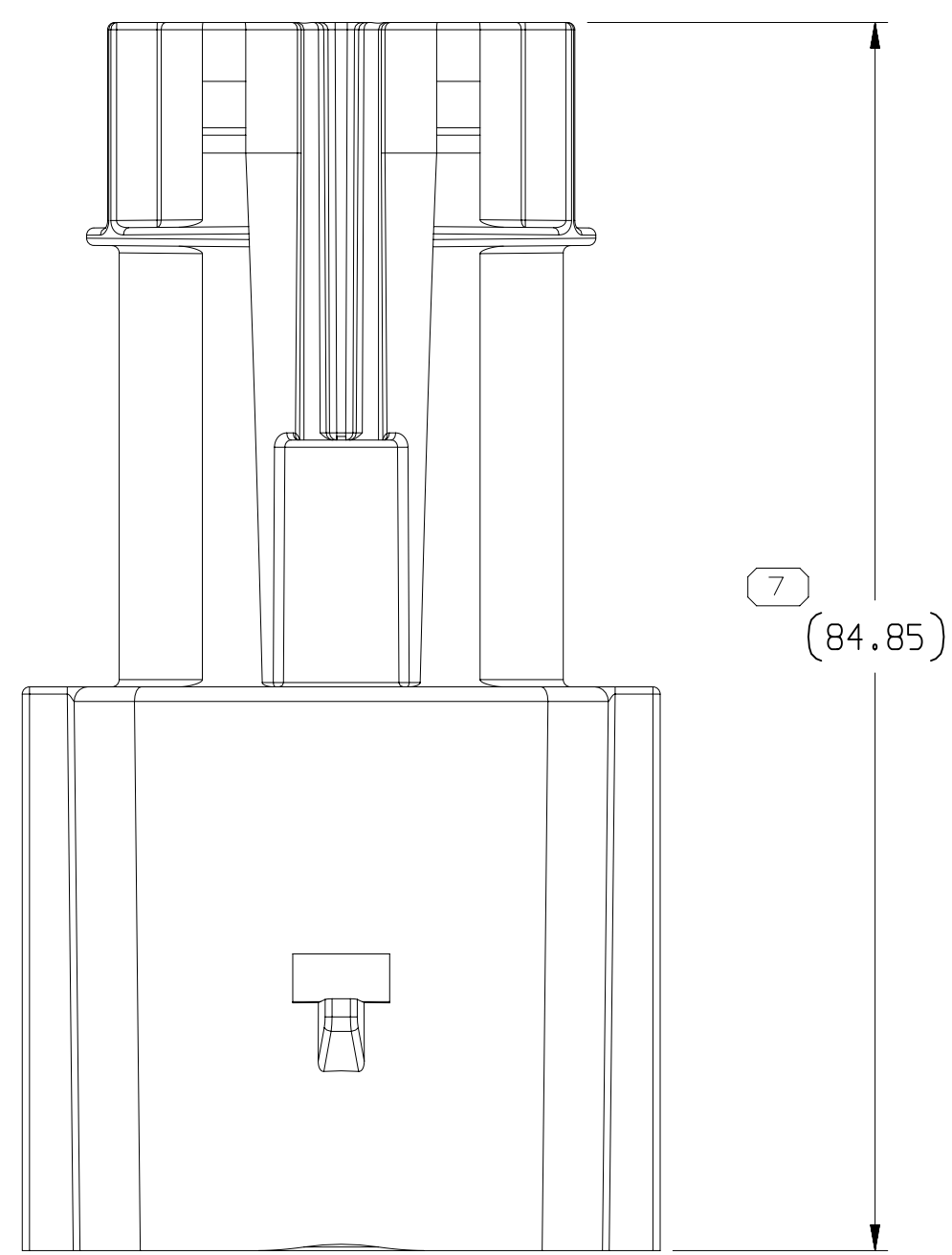


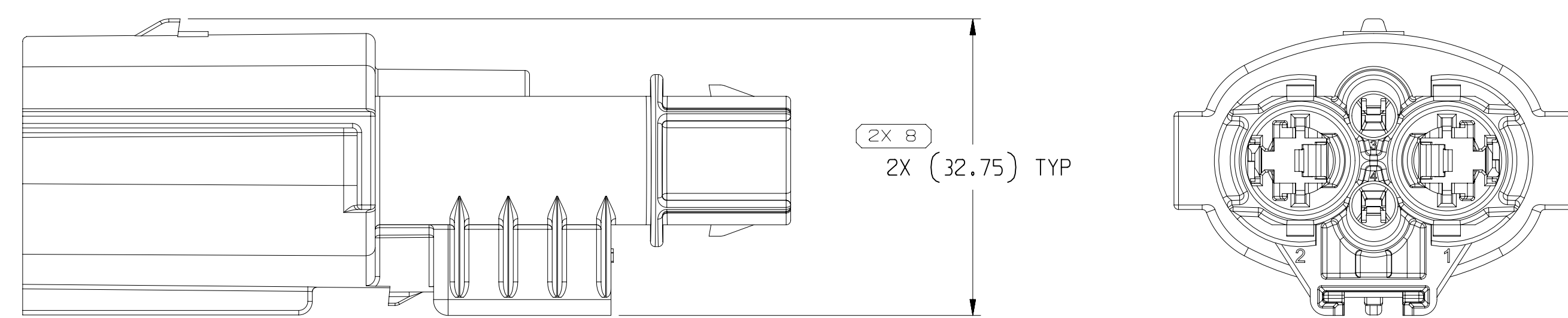
TYPE 103
SAME AS TYPE 101
EXCEPT AS SHOWN



The drawing shows a symmetrical mechanical assembly, possibly a pump or valve. It features two main circular chambers, labeled 1 and 2, which are connected by a central passage. Each chamber contains a complex internal mechanism, including what appears to be a piston or plunger. A cross-section view is shown at the top, revealing the internal structure of the chambers. The entire assembly is mounted on a base with several mounting points.



TYPE 101



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. THIS PRODUCT IS NOT CATEGORIZED AS AN APPEARANCE ITEM, MINOR IMPERFECTIONS INCLUDING, BUT NOT LIMITED TO: FLOW MARKS, COLOR BLEMISHES, GATE VESTIGES, AND SOFT FLASH THAT DO NOT AFFECT THE FIT, FORM, OR FUNCTION OF THE PART ARE REMOVED PER 3CS.01.EN.
3. SEALING CODE 4 - DESIGN WILL MEET REQUIREMENTS OF SAE/J554-2 CONNECTOR SYSTEM ENVIRONMENTAL TEST FLOWCHART (PRESSURE/VACUUM AND SUBMERSION).
4. FOR APPLICATION DATA SEE THE INDIVIDUAL APPLICATION DRAWINGS.
5. CONNECTOR ASSEMBLIES ARE VALIDATED TO SAE/J554-37 REV.01 - AUG.08 TEMPERATURE CLASS 173, SEALING CLASS 173, VIBRATION CLASS V1, AND MATING CYCLES M1, ON APTIV M6176 CABLE WHICH MEETS REQUIREMENTS OF 10 6722.

| | | | | | | | | | | |
|----------|-----|-----|------|----------|----------|------------------|---|---|---|------------------------|
| 35312616 | 01 | AA | 103 | 35312615 | 35197125 | - | - | X | X | 2 |
| 35197171 | 01 | AA | 102 | 35197174 | 35197125 | - | - | - | - | 0 |
| 35197170 | 01 | AA | 101 | 35197173 | 35197125 | - | - | - | - | 0 |
| PART NO | REV | N/P | TYPE | CONN | PLR | 1 | 2 | 3 | 4 | TOTAL BLOCKED CAVITIES |
| | | | | | | CAVITIES BLOCKED | | | | |


| DIMENSIONAL RANGE (MM) | | CHART 1 | | | | | | | | |
|---|----|-----------|------------|------------|-------------|--------------|--------------|--------------|--------------|--------------|
| FROM | TO | > 0 20 | > 20 30 | > 30 70 | > 70 100 | > 100 150 | > 150 200 | > 200 250 | > 250 300 | > 300 400 |
| TOLERANCE UNLESS OTHERWISE SPECIFIED | | | | | | | | | | |
| ±0.15 ±0.2 ±0.3 ±0.4 ±0.5 ±0.6 ±0.8 ±1 ±1.1 | | | | | | | | | | |
| ANGULAR TOLERANCE ±2° | | | | | | | | | | |


| CHART 1 | | | | | |
|--------------------------|------|------|------|------|------|
| >70 | >100 | >150 | >200 | >250 | >300 |
| 100 | 150 | 200 | 250 | 300 | 400 |
| LESS OTHERWISE SPECIFIED | | | | | |
| +0.4 | +0.5 | +0.6 | +0.8 | +1 | +1 |
| SUR TOLERANCE $\pm 2^*$ | | | | | |


THIRD ANGLE
PROJECTION


DO NOT
SCALE

USE MATH
DATA









| | | | | | | | |
|----------------|-------|----------|----------|-----|-----|-----|--|
| DRAWING NUMBER | | | | | | | |
| 35197172 | | | | | | | |
| SIZE | SCALE | FRAME NO | SHEET NO | STG | REV | N/A | |
| A1x3 | 2:1 | 1 OF 2 | 1 OF 1 | R | 02 | - | |

| | |
|---|-------------------|
| <p>A LINE DRAWING THROUGH X PARTY NUMBER INDICATES THAT PHYSICAL PARTS ARE NOT AVAILABLE FOR ORDERING.</p> <p>PART NUMBERS THAT DO NOT HAVE A LINE PRESENT INDICATE THAT PHYSICAL PARTS ARE AVAILABLE FOR ORDERING.</p> <p>CONTACT APTEC SALES TO ASSURE AVAILABILITY OF PARTS.</p> | |
| <p>END TYPE</p> | |
| <p>PART DRAWING</p> | |
| <p>STYLE</p> | |
| <p>VOLUME (CM³)</p> | <p>DISTR CODE</p> |
| <p>UNLESS OTHERWISE SPECIFIED THIS DOCUMENT IS IN ACCORDANCE WITH AMS 714-5-2009. SEE APTEC ENGINEERING DESIGN STANDARD SPECIFICATION FOR FIG 10012004 RECONCILIATION REQUIREMENTS.</p> | |
| <p>ALL DIMENSIONS ARE IN MILLIMETERS</p> | |
| <p>REFERENCE</p> | |

| ● A P T I V ● | |
|---|-----------|
| CONNECTION SYSTEMS | |
| WAPLES, OH | |
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| SR | DATE |
| PTV01 LUIS VILLARREAL | 1/10/2020 |
| PTV02 CARLOS DELGADO LILLO | 1/9/2020 |
| PTV03 EDUARDO RUÍZ M. | 1/9/2020 |
| PTV04 | |
| PTV05 | |
| SARFANCES OF CONSENSUS AND RECYCLED CONTENT FOR APTV IN (20404001) | |
| SEE CHART | |
| DRAWING NAME: | |
| TAXI ASM CON 4 M H/VOLTAGE | |
| MIXED SLD | |

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.

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WARREN, OH
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| | |
|---|--------------|
| CONTACT APPLIC SALES TO ASSURE AVAILABILITY OF PARTS. | |
| DWG TYPE | PART DRAWING |
| REVISE | |

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AUTHORIZATION, IS PROHIBITED.

| | |
|---------------------------|------------|
| VOLUME (CM ³) | DISTR CODE |
| | D |


| | | |
|-------|-------------------|--------|
| | | DATE |
| DR | | |
| APVD1 | LUIS VILLARREAL | 11N020 |
| APVD2 | CARLOS DELGADILLO | 19N020 |

UNLESS OTHERWISE SPECIFIED
THIS DOCUMENT IS IN ACCORDANCE WITH ASME
Y14.5-2010. SEE APTIV ENGINEERING DESIGN
STANDARD 06-2017 FOR ISO 1101:2004

| | | |
|--|-----------------|--------|
| APVD3 | EDUARDO RUIZ M. | 19N020 |
| APVD4 | | |
| APVD5 | | |
| SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER APTIV 10049001 | | |


ALL DIMENSIONS ARE IN MILLIMETERS

| | |
|--------------|-----------|
| MATERIAL | SEE CHART |
| DRAWING NAME | |

| | | |
|-------------|--------|---|
| THIRD ANGLE | DO NOT |  |
|-------------|--------|---|

TAXI ASM CONN 4 M H/VOLTAGE
MIXED SLD

DRAWING NUMBER
25107132

| | | | | |
|---|---|---------------|------|-------|
| 0 | PROJECTION | SCALE | UNIT | ANGLE |
| 2 |  | USE MATH DATA | U | NX |

| | | | | | | |
|--------------|--------------|--------------------|--------------------|----------|-----------|----------|
| 35197172 | | | | | | |
| SIZE A1x3 | SCALE 2:1 | FRAME NO 1 OF 2 | SHEET NO 1 OF 1 | STG R | REV 02 | N/A - |

321675

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