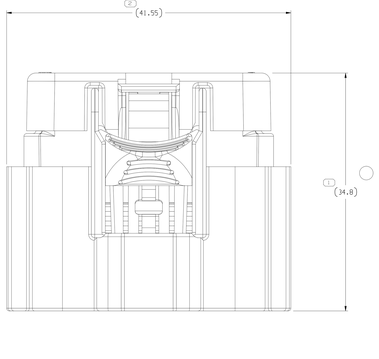
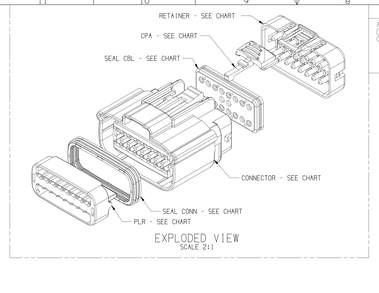
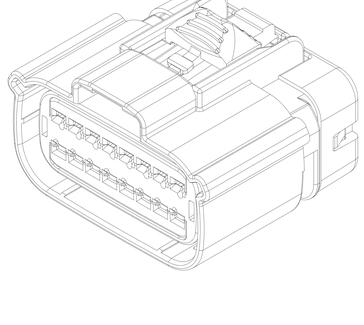
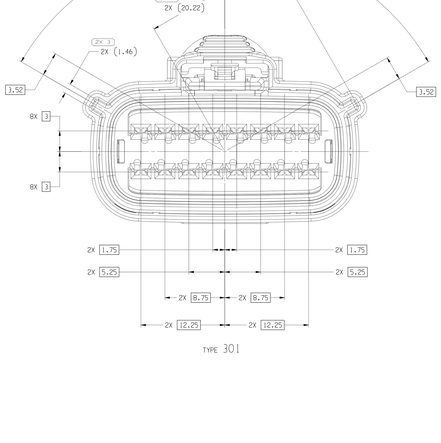


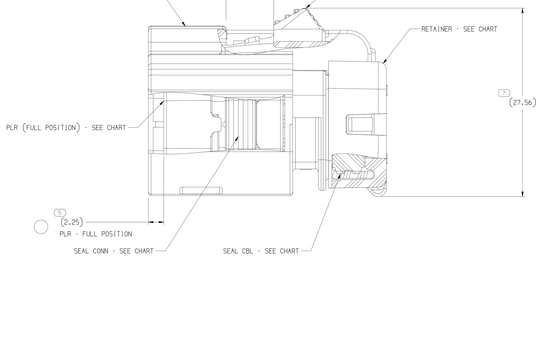


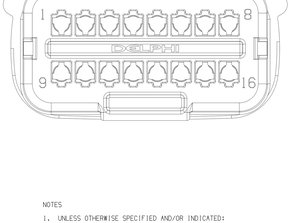
EXPLODED VIEW
SCALE 2:1





TYPE 301





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. PART IS MANUFACTURED TO GEOMETRIC TOLERANCES. CENTERLINE DIMENSIONS ARE FOR REFERENCE ONLY.

3. SEALING CODE 4 - DESIGN WILL MEET REQUIREMENTS OF SAE/USCAR-2 CONNECTOR SYSTEM ENVIRONMENTAL TEST FLOWCHART (PRESSURE/VACUUM AND SUBMERSION).

4. THIS PRODUCT IS NOT CATEGORIZED AS AN APPEARANCE ITEM. MINOR IMPERFECTIONS INCLUDING, BUT NOT LIMITED TO, FLOW MARKS, COLOR BLEMISHES, GATE VESTIGE, AND SOFT FLASH THAT DO NOT AFFECT THE FIT, FORM, OR FUNCTION OF THE PART ARE PERMISSIBLE PER EANP.4-3.CS.01.EN.

5. FOR APPLICATION DATA SEE THE INDIVIDUAL APPLICATION DRAWINGS.

6. ASSEMBLY TO BE USED WITH APPROPRIATE APTIV HOLDER DESIGN.

7. ASSEMBLY TO BE PROCESSED USING APTIV CONNECTION SYSTEMS BEST PRACTICE METHODS AND/OR CONNECTOR ASSEMBLY INSTRUCTIONS AND APPLICABLE REPAIR PROCEDURES.

8. BEFORE MATING, VERIFY THAT PLR IS IN FULL POSITION ON THE CONNECTOR. IF NOT, PUSH PLR TO FULL POSITION.

9. FOR ALL OPEN CAVITY VERSIONS SEE SHEET 1

10. FOR ASSEMBLIES WITHOUT CPA SEE DRAWING 15532154

SYMBOL DEFINITION		MISSING SYMBOLS
A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL (◯) DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.	TOTAL NO OF INSPECTIONS REQUIRED: 9	NO MISSING SYMBOL NUMBER
	LAST NO. USED: 7	

DWG STATUS					ZONE	REVISION HISTORY	AUTH	DR APVD/APVD
DATE	SIZE	REV	N/P	CHG				
11APR22	R	01	-	-	-	35151164 - WAS ON SHT 2, PLR WAS IN PRE STAGE, DIM 34.8 WAS 36.55 AND DIM 2.25 WAS 1.75±0.3	957148	EZ JAA SV

35151164	01	AD	301	15514462	15514487	13968706	15514486	15514482	15519096	A	16
PART NO	REV	N/P	TYPE	CONNECTOR	PLR	SEAL CONN	SEAL CBL	RETAINER	CPA	USCAR OPTION	TOTAL BLOCKED CAVITIES

DRAWING NUMBER								
15514480								
SIZE	SCALE	FRAME SIZE	SHEET NO	SHEETS	STS	REV	NUM
A1x3	5:1	2 OF 2	3 OF		R	01	-

DIMENSIONAL RANGE (MM)								
FROM	0.5	6	30	120	315	1000	2000	3150
TO	6	30	120	315	1000	2000	3150	5000
TOLERANCE UNLESS OTHERWISE SPECIFIED								
LINEAR	±0.15	±0.2	±0.3	±0.5	±0.8	±1.2	±2	±3
ANGULAR	±0.5°							

6 PROCESS SENSITIVE DIMENSION

DIMENSIONS ENCLOSED IN ( ) INDICATE REFERENCE DIMENSIONS AND NO TOLERANCE APPLIES UNLESS OTHERWISE SPECIFIED

REFERENCE

THIRD ANGLE PROJECTION

DO NOT SCALE

USE MATH DATA

NX

A THIS DRAWING FORMERLY 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.

DWG TYPE	PART DRAWING
STYLE	
VOLUME (CM³)	
SYSTEM UNIT	D

UNLESS OTHERWISE SPECIFIED

THIS DOCUMENT IS IN ACCORDANCE WITH ASME Y14.5M-1994 UNLESS OTHERWISE SPECIFIED. GENERAL TOLERANCING PER ASME Y14.5M-1994. SEPARATE PATTERNS OF FEATURES MAY BE SHOWN SEPARATELY REGARDLESS OF DATUM REFERENCES.

ALL DIMENSIONS ARE IN MILLIMETERS

DR	EMANUELE ZANUSO	11APR22
APVD	J. Sv. ALVARADO	11APR22
APVD	SERGIO VILLARREAL	11APR22
APVD		
APVD		

MATERIAL
SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER APTIV STANDARDS

FINISH
SEE CHART

DRAWING NAME

TAXI ASM CONN 16 F OCS 1.5 SLD

DRAWING NUMBER

15514480

SIZE	SCALE	FRAME SIZE	SHEET NO	SHEETS	STS	REV	NUM
A1x3	5:1	1 OF 2	3 OF		R	01	-

•APTIV•

CONNECTION SYSTEMS

WARREN, OH

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Apply to all dimensions without individual tolerance specifications
ISO 2768-mK

Template: A1_ANSI_APTIV_DRAWING.DOT
Drawing Size: A1
Drawing Scale: 1:1
Plotted: 13-APR-22

Part: 15514480
Rev: 01
Date: 11-APR-22