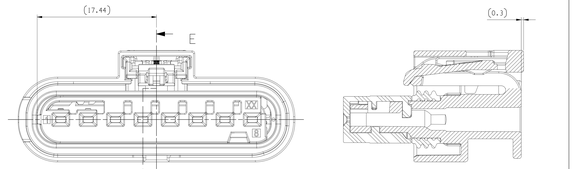
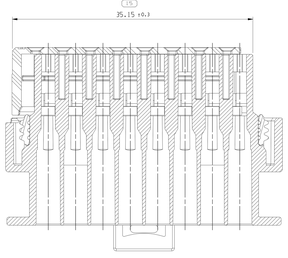
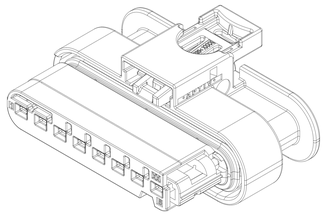
TPA AND CPA FINAL LOCK POSITION

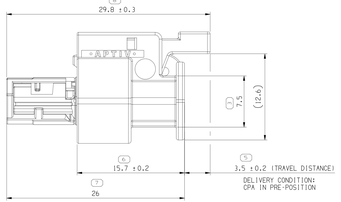


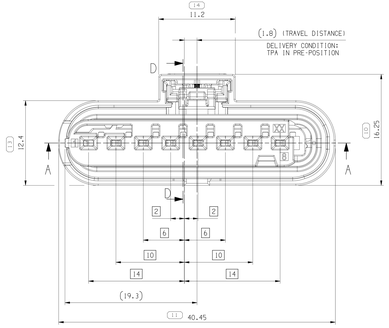
SYMBOL DEFINITION		MISSING SYMBOLS
A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL (◯) DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.	TOTAL NO OF INSPECTIONS REQUIRED: 13	1-2 4 9 12
	LAST NO. USED: 18	

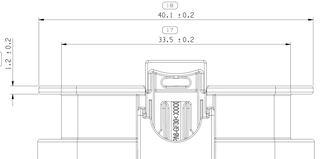
DWG STATUS						ZONE	REVISION HISTORY	AUTH	DR	APVD	APVD
DATE	SIZE	REV	PLP	CHG							
14FE23	R	01	-	-	-	-	CREATED CUSTOMER ASSEMBLY DRAWING	448429	SHH	LW	
22NOV23	R	01	AA	-	-	-	CHANGE CONN SEAL, WAS 35754509 CHANGE PROCESS SENSITIVE DIMENSION, WAS DIM#8 REMOVE REFERENCE DIM# 1,2,4,9,12 NUMBER UPDATE DIM#8, WAS 30.2 UPDATE DIM#15, WAS 35.33 UPDATE NOTE 6		LW	SC	JZ	

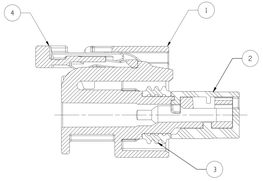












NOTES

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 PART USED IN ASSEMBLY SEE CHART.
3. SUITABLE TERMINAL SYSTEM CTS/MCON/MLX 1.2 LL.
4. MAX. WIRE SIZE RANGE 1.5 MM2, FOR CAVITY- Ø 3.55MM.
5. ASSEMBLY MANUAL REFER TO J5126449.CUS72.SOI.
6. INTERFACE REFER TO TE INTERFACE DRAWING 114-18679-3.
7. MATING TERMINAL INFORMATION.

TITLE	DPN	WIRE SIZE	PLATING	CABLE SEAL DPN
FEMALE TERMINAL CTS1.2	1395120	0.22-0.35mm2	SN	1527913
	1395141	0.5-0.75 mm2	SN	1527918
	1948568	1 mm2	SN	1533412
	1395118	0.22-0.35mm2	AG	1527913
	1395121	0.5-0.75 mm2	AG	1527918
	1395139	1 mm2	AG	1533412
	DPN:33110922 TE PN:7-1452671-3	1.5 mm2	AG	DPN:1527028 TE PN:2287497-1
	1395119	0.22-0.35mm2	AU	1527913
	1395145	0.5-0.75 mm2	AU	1527918
	1395134	1 mm2	AU	1533412

8. COMPLY WITH SAE/USCAR-2 REVISION 7

ITEM NO	PART NUMBER	PART NAME	REV	MATERIAL SPECIFICATION AND COLOUR
4	35124265	CPA	03	POLYAMIDE COMPOUND, RED
3	35020546	SEAL	01	ELAS VMQ HI TEAR LIQUID, GRA
2	35754506	TPA	01	POLYAMIDE COMPOUND, GRA
1	35754502	HOUSING	01	POLYAMIDE COMPOUND, BLK

ASSEMBLY PART NUMBER	ASSEMBLY PART NAME	REV.	CODING
35754499	FEMALE CONNECTOR ASM	01	E

DRAWING NUMBER: 35754499
SIZE A1x3 | SCALE 5:1 | FRAME NO 2 OF 2 | SHEET NO 1 OF 1 | REV R | ECN 01 AA

(7) PROCESS SENSITIVE DIMENSION.
DIMENSIONS ENCLOSED IN ( ) INDICATE REFERENCE DIMENSIONS AND NO TOLERANCE UNLESS OTHERWISE STATED.

DIMENSIONAL RANGE (MM)

FROM	>0.5	>6	>30	>120	>200	>250	>315
TO	6	30	120	200	250	315	400
TOLERANCE UNLESS OTHERWISE SPECIFIED	±0.1	±0.2	±0.3	±0.4	±0.5	±0.6	±0.7

ANGULAR TOLERANCE ±1°

THIRD ANGLE PROJECTION

DO NOT SCALE — USE MATH DATA

NX

A "*" SYMBOL IN THE DRAWING TO PART NUMBER INDICATES THAT PHYSICAL PARTS ARE NOT AVAILABLE FOR ORDERING.

PART NUMBERS THAT DO NOT HAVE A "*" PRESENT INDICATE THAT PHYSICAL PARTS ARE AVAILABLE FOR ORDERING.

CONTACT APTIV SALES TO ASSURE AVAILABILITY OF PARTS.

DWG TYPE: CUSTOMER PART DRAWING

STYLE:

VOLUME (CM³):

SYSTEM SIZE: D

UNLESS OTHERWISE SPECIFIED

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

ALL DIMENSIONS ARE IN MILLIMETERS

REFERENCE:

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DR	
APVD1 MANJF ROGHAN	14FE23
APVD2 LUKE WANG	14FE23
APVD3 YIBIN CUI	14FE23
APVD4	
APVD5	

SUBSTANCES OF CONCERN AND PRECYCLED CONTENT PER ATTY (DW4355)

MATERIAL:
SEE CHART

DRAWING NAME:
TAXI ASM CONN F CTS 120 SLD

DRAWING NUMBER:
35754499

SIZE A1x3 | SCALE 5:1 | FRAME NO 1 OF 2 | SHEET NO 1 OF 1 | REV R | ECN 01 AA

DELPHI
CONNECTION SYSTEMS
Wiring Drive
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3D Model: 35754499_01.stp
Date: 08-Aug-24 11:44:19.659