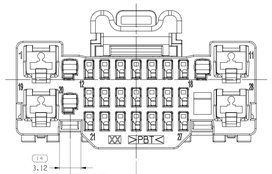
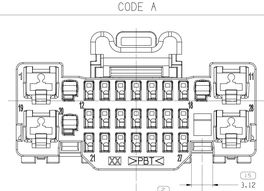
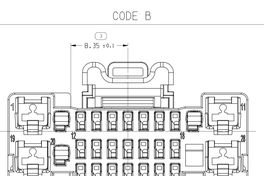
28 WAY CODING



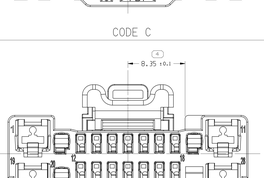
CODE A



CODE B

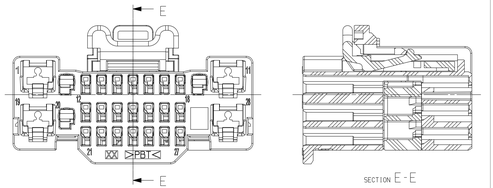


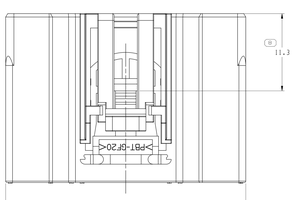
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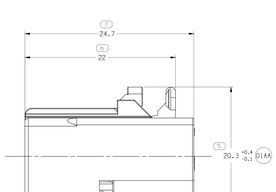


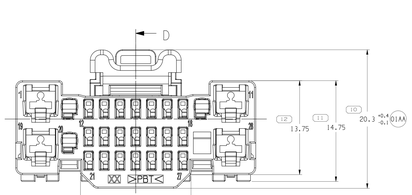
CODE D

CPA AND TPA FINAL LOCK POSITION

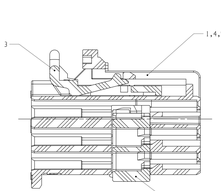


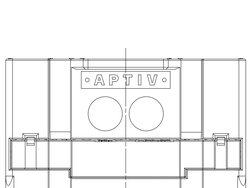


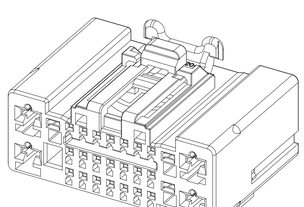




CODE A







NOTE:

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. MATING INTERFACE P/N: 35456870-CDE01.

4. MATING TERMINAL INFORMATION.

TERMINAL	PN	WIRE SIZE	PLATING	CAVITY NUMBER
OCS 2.8 F	3506.3084	2.0-3.0 mm2	SN	1,11,19,28
	3506.3085	1.5-2.5 mm2	SN	
	3506.3086	0.75-1.0 mm2	SN	
	3506.3087	0.3-0.6 mm2	SN	
OCS 1.2 F	1.3881788	0.75-0.8 mm2	SN	2,10,20
	1.3881789	0.35-0.5 mm2	SN	
CTS 0.5 F	33124945	0.22-0.35 mm2	SN	3,4,5,6,7,8,9,12,13, 14,15,16,17,18,21,22 ,23,24,25,26,27
TE NANO 050	1-1703930-1	0.35 mm2	SN	

5. FOR APPLICATION DATA SEE THE INDIVIDUAL APPLICATION DRAWINGS.

35458217	ASM CONN 28W BROWN RUST	01	D	1	75312043	CPA	01	PBT GF20 YELLOW
				2	35456845	TPA	01	PBT GF20 NATURAL
				6	35458219	HOUSING	01	PBT BROWN RUST
35458215	ASM CONN 28W NATURAL	01	C	1	75312041	CPA	01	PBT GF20 YELLOW
				2	35456845	TPA	01	PBT GF20 NATURAL
				5	35458218	HOUSING	01	PBT NATURAL
35456850	ASM CONN 28W GRAY	01	B	1	75312041	CPA	01	PBT GF20 YELLOW
				2	35456845	TPA	01	PBT GF20 NATURAL
				4	35456867	HOUSING	01	PBT GRAY
35455545	ASM CONN 28W BLACK	01	A	1	75312041	CPA	01	PBT GF20 YELLOW
				2	35456845	TPA	01	PBT GF20 NATURAL
					35456844	HOUSING	01	PBT BLACK
ASSEMBLY PART NUMBER	ASSEMBLY PART NAME	REV.	CODING	ITEM NO	PART NUMBER	PART NAME	REV.	MATERIAL SPECIFICATION AND COLOUR

DRAWING NUMBER: 35456868							
SIZE	SCALE	FRAME NO	SHEET NO	SHTS	REV	ECN
A1x3	5:1	2 OF 1	1 OF 1	R	01	AA

SYMBOL DEFINITION		
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	15
	LAST NO. USED	15

MISSING SYMBOLS
NO MISSING SYMBOL NUMBER

DWG STATUS					ZONE	REVISION HISTORY	AUTH	DR APVD	CHK APVD
DATE	SIZE	REV	ALPH	DNO					
24JL20	R	01	-	-	-	RELEASED CUSTOMER DRAWING	445921	KXL	CJY
20OCT21	R	01	AA	-	017 012	DIM 5 TOL, MAS ±0.2 DIM 13 TOL, MAS ±0.2	447209	LHQ	DXH

⑨ PROCESS SENSITIVE DIMENSION
DIMENSIONS ENCLOSED IN ( ) INDICATE REFERENCE DIMENSIONS AND NO TOLERANCE UNLESS OTHERWISE SPECIFIED.

DIMENSIONAL RANGE (MM)								
FROM	0.5	2	6	30	120	400	1000	2000
TO	2	6	30	120	400	1000	2000	4000
TOLERANCE UNLESS OTHERWISE SPECIFIED	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2.0	±3.0

ANGULAR RANGE (DEG)								
FROM	0	2	10	30	120	400	1000	2000
TO	2	10	30	120	400	1000	2000	4000
TOLERANCE UNLESS OTHERWISE SPECIFIED	±1°	±0.5°	±0.25°	±0.1°	±0.05°	±0.025°	±0.01°	±0.005°

THIRD ANGLE PROJECTION	DO NOT SCALE	USE MATH DATA	NX

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DR		DATE
APVD1	KAILIN,KE	24JL20
APVD2	JIAYUN,CHEN	24JL20
APVD3	SUIBIN,HUANG	24JL20
APVD4		
APVD5		

MATERIAL: SEE CHART
DRAWING NAME: TAXI CONN 28 F CTS 050 OCS 1.2 2.8

DRAWING NUMBER: 35456868						
SIZE	SCALE	FRAME NO	SHEET NO	SHTS	REV	ECN
A1x3	5:1	1 OF 1	1 OF 1	R	01	AA

APTIV
CONNECTION SYSTEMS
Anting, China

ALL DIMENSIONS ARE IN MILLIMETERS

REFERENCE:

PART DRAWING

UNLESS OTHERWISE SPECIFIED

THIS DOCUMENT IS IN ACCORDANCE WITH ASME Y14.5M-1994 WITH THE EXCEPTION OF: DIMENSIONS AND TOLERANCING ASME(Y14.5M-1994) SEPARATE PATTERNS OF FEATURES MAY BE SHOWN SEPARATELY REGARDLESS OF DATUM REFERENCES.

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER APTIV STANDARDS

STYLE: -

VOLUME (CM³): -

SYSTEM SIZE: D

DATE:

3256868

Apply to: ALL
Uncontrolled when printed
Owner: ZHANG,YU
Printed: 2021-04-23