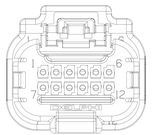
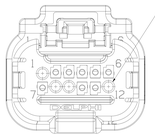
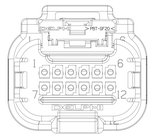


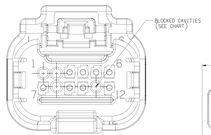
TYPE 102
SAME AS TYPE 101
EXCEPT AS SHOWN
WITHOUT CPA



TYPE 106
SAME AS TYPE 101
EXCEPT AS SHOWN
WITHOUT CPA

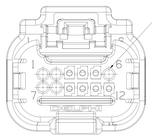


TYPE 110
SAME AS TYPE 101
EXCEPT AS SHOWN

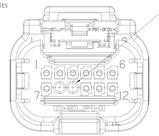


TYPE 114
SAME AS TYPE 101
EXCEPT AS SHOWN

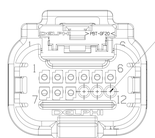
TYPE 118
SAME AS TYPE 101
EXCEPT AS SHOWN
WITHOUT CPA



TYPE 103
SAME AS TYPE 101
EXCEPT AS SHOWN
WITHOUT CPA

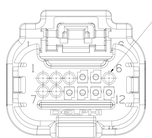


TYPE 107
SAME AS TYPE 101
EXCEPT AS SHOWN

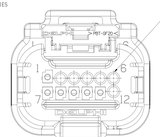


TYPE 111
SAME AS TYPE 101
EXCEPT AS SHOWN

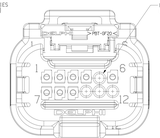
TYPE 115
SAME AS TYPE 101
EXCEPT AS SHOWN



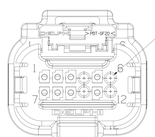
TYPE 104
SAME AS TYPE 101
EXCEPT AS SHOWN
WITHOUT CPA



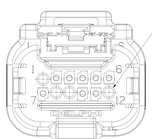
TYPE 108
SAME AS TYPE 101
EXCEPT AS SHOWN



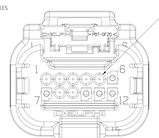
TYPE 112
SAME AS TYPE 101
EXCEPT AS SHOWN



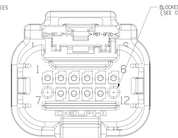
TYPE 116
SAME AS TYPE 101
EXCEPT AS SHOWN



TYPE 105
SAME AS TYPE 101
EXCEPT AS SHOWN

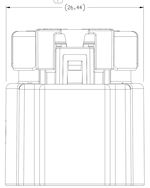


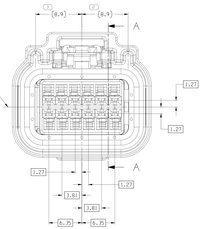
TYPE 109
SAME AS TYPE 101
EXCEPT AS SHOWN

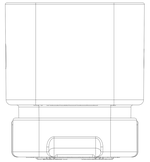


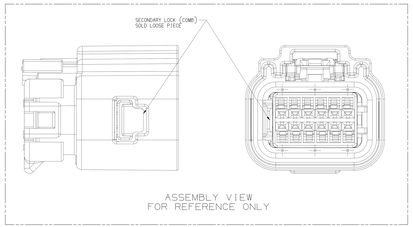
TYPE 113
SAME AS TYPE 101
EXCEPT AS SHOWN

TYPE 117
SAME AS TYPE 101
EXCEPT AS SHOWN

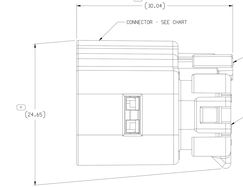


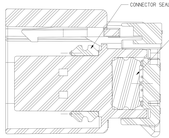




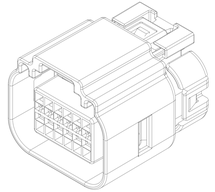


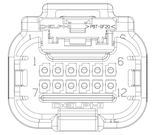
ASSEMBLY VIEW
FOR REFERENCE ONLY





SECTION A-A





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. WHEN PARTS ARE SHIPPED THEY MUST BE PACKED IN PLASTIC BAGS OR SHIPPING CONTAINERS MUST BE LINED WITH PLASTIC LINERS. BAGS OR LINERS MUST BE SEALED TO AVOID FOREIGN MATTER.

3. THIS PART IS NOT CONTROLLED FOR AUTOMATIC FEEDING.

4. FOR APPLICATION DATA SEE THE INDIVIDUAL APPLICATION DRAWINGS.

5. THE FORCE TO DISENGAGE THE SECONDARY LOCK CAN BE BETWEEN 0 AND 13N.

6. THIS PRODUCT IS NOT CATEGORIZED AS AN APPEARANCE ITEM, MINOR IMPERFECTIONS INCLUDING, BUT NOT LIMITED TO, FLOW MARKS, COLOR FLUMINESS, GATE VESTIGE, AND SOFT FLASH THAT DO NOT AFFECT THE FIT, FORM, OR FUNCTION OF THE PART ARE PERMISSIBLE PER EAMP.4-1.CS.01.EN.

7. SEALING CODE 3 - DESIGN WILL PASS SALT FOG AND IMMERSION TEST AFTER CONDITIONING AS SPECIFIED IN ESA-644 (WEATHER-PACK),ESA-710 (METRI-PACK), ESA-650 (UNDERHOOD WIDE-PACK), C-4006 (MICRO-PACK) WHEN MATED TO MATING PART OR EQUIVALENT.

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	5
	LAST NO. USED	5

MISSING SYMBOLS
NO MISSING SYMBOL NUMBER

DWG STATUS				REVISION HISTORY							
STATUS	SYSTEM	SUB-SYSTEM	ZONE					NOTE	CHK	INITIAL	DATE
1DE837	R	01	-		1:36786:30 WAS REISSUED. ALL PARTS - REVISED AND RELEASED			4139998	BLE	JMC	APR
2NJN08	R	02	-		ALL PARTS - REV COLUMN ADDED TO CHART			4051513	PJP	JCL	MAY
2NMU61	R	03	-		ALL PARTS - ADDED DISENGAGE FORCE NOTE			4124441	MRG	MRG	MAC
2NMP10	R	04	-		1:3825423 & 1:3825424 - RELEASED; ALL PARTS - ADDED VIEW TYPES			4126633	ARC	MRG	MAC
2EJL10	R	05	-		1:3813361 - RELEASED			4121411	ESC	ESC	MLA
2BAG51	R	06	-		ALL PARTS - REMOVED SECONDARY LOCK COMP. 1:36786:36 AND ADDED REFERENCE VIEW			4117187	AHT	JAC	MAY
1DNG51	R	07	-		1:3825423-24 - REVISED LOCKED CAVITIES			4125461	MRG	MRG	MAC
1EJM11	R	08	-		1:36786:30-39-&-1:3813181 - CREATED CUSTOMER PART DRAWING			4129218	MAR	JAA	MAC
1MP11	R	09	-		1:3881217 - RELEASED			4139944	MAR	JMC	EZ
2TJK11	R	10	-		1:36786:39 - CORRECTED REV LEVEL			4144394	MAR	JAA	MAC
2BMG51	R	11	-		ALL PARTS - DRAWING NAME WAS ASM CONN 12 W1250 PKT 1.2 SLD			4173738	JED	JED	JAV
2DJN22	R	12	-		1:1961992 - RELEASED			4181135	JNM	JAA	PAT
1DSE12	R	13	-		1:1961992 - UPDATED PART AVAILABILITY			4201171	JNM	JNT	JNM
1EAG12	R	14	-		3:1139148 - RELEASED			4213417	JJP	DOA	LES
2RJL11	R	15	-		1:5549976, 1:5549980 & 3:1139294 - RELEASED			4234121	JAR	JNM	PJT
2RMG11	R	16	-		1:5549976 - BLOCKED CAVITIES NOW 2 & 4; 1:5549980 - CORRECTED BLOCKED CAVITY INFO ON CHART			4236192	DOA	DOA	PJT
3DDC11	R	17	-		3:1137732, 3:1137730 & 3:1132151 - RELEASED; 3:1137730 & 3:1132151 - UPDATED 3:1137730 & 3:1132151; 3:1137732 - INACTIVE			4243131	DRA	JNM	PJT
1JFE11	R	18	-		3:1139148 - UPDATED PART AVAILABILITY			4255102	AMC	JNM	LES
1BFE11	R	19	-		1:5549976, 1:5549980, 3:1137732, 3:1137730, 3:1139294 & 3:1132151 - ACTIVE			4255182	DOD	DOD	PJT
1NNG41	R	20	-		3:1178009 & 3:1178007 - RELEASED			4282633	DOH	DOH	DLG
2MFG11	R	21	-		1:5549976, 1:5549980, 3:1139294, 3:1137730, 3:1137732 - UPDATED PART AVAILABILITY.			4294444	HYT	HYT	PJT
2SMY15	R	22	-		1:1178000,3:1178017 - STRAIN RELIEF WAS 1:5549977, CPA WAS 1:1961992 & UPDATED 3:1178009 & 3:1178007			4298263	DPH	DPH	DPH
1ZAU15	R	23	-		3:1178009 & 3:1178007 - UPDATED PART AVAILABILITY			4303641	DPH	DPH	DPH
1NNG41	R	24	-		3:1128487 & 3:1128326 - RELEASED			4349491	AHT	AHT	VRG
2LJA17	R	25	-		3:1167299-30 - RELEASED			4369951	AHT	JAR	VRG
2KKC18	R	26	-		3:1167299-100 - UPDATED PART AVAILABILITY; 1:3825423-24,3:1139148 - UPDATED TYPE LABEL			4413819	DOD	DOD	VRG
1TDE28	R	27	-		3:1129835 - RELEASED			4553671	AHT	JAA	VRG

DIMENSIONAL TOLERANCES UNLESS OTHERWISE SPECIFIED						
DIM	±	DIM	±	DIM	±	ANGLE ±
0.00	0.25	1.00	0.10	10.00	0.05	0.00 0.50
0.00	0.10	1.00	0.05	10.00	0.02	0.00 0.25
0.00	0.05	1.00	0.02	10.00	0.01	0.00 0.10
0.00	0.02	1.00	0.01	10.00	0.00	0.00 0.05
0.00	0.01	1.00	0.00	10.00	0.00	0.00 0.02
0.00	0.00	1.00	0.00	10.00	0.00	0.00 0.00

PART NO	REV	N/P	TYPE	CONNECTOR	CONNECTOR SEAL	CABLE SEAL	STRAIN RELIEF	CPA	BLOCKED CAVITIES
2551815	01	-	118	1:36786:17	1:36786:25	1:36786:14	2551814	-	1,2,8,11
2526330	01	AA	101	1:3127920	1:36786:25	1:36786:14	2526197	1:5488490	3,4,5,6,10,12
2526199	01	AA	101	1:3127918	1:36786:25	1:36786:14	2526196	1:5488490	4,5,10,12
2509426	01	-	115	1:36786:17	1:36786:25	1:36786:14	2509429	1:1961992	1,3,11,12
2509441	01	-	114	1:36786:17	1:36786:25	1:36786:14	2509722	1:1961992	-
3:1178007	01	AB	101	3:1177920	1:36786:25	1:36786:14	1:36786:13	1:5488490	-
3:1178000	01	AB	101	3:1177918	1:36786:25	1:36786:14	1:36786:13	1:5488490	-
3:1128151	01	AA	112	1:36786:17	1:36786:25	1:36786:14	3:1128153	1:1961992	1,12
3:1137732	01	AB	111	1:36786:17	1:36786:25	1:36786:14	3:1137731	1:5488490	5,10,11,12
3:1137730	01	AB	111	1:36786:17	1:36786:25	1:36786:14	3:1137729	1:5488490	4,10,11,12
3:1139284	01	AC	110	1:36786:17	1:36786:25	1:36786:14	3:1139283	-	3,4,5,6,8,9,12
1:5549980	01	AC	109	1:36786:17	1:36786:25	1:36786:14	1:5549979	1:1961992	1,2,3,4,5,8,9
1:5549978	02	AC	107	1:36786:17	1:36786:25	1:36786:14	1:5549977	1:1961992	- 8,9
3:1139148	01	AB	106	1:36786:17	1:36786:25	1:36786:14	1:1961979	-	1,8,9,12
1:1961992	01	AA	105	1:36786:17	1:36786:25	1:36786:14	1:1961979	1:1961992	1,8,9,12
3:1881217	01	AA	108	1:36786:17	1:36786:25	1:36786:14	3:1881880	1:5488490	3,4,5,6,12
3:1813181	01	AC	105	1:36786:17	1:36786:25	1:36786:14	3:1813108	1:5488490	1,8,9,12
1:3825424	02	AB	104	1:36786:17	1:36786:25	1:36786:14	1:3825421	-	1,2,3,8,9,11
1:3825423	02	AB	103	1:36786:17	1:36786:25	1:36786:14	1:3825420	-	1,2,8,9,11
1:36786:39	02	AA	102	1:36786:17	1:36786:25	1:36786:14	1:36786:13	-	-
1:36786:38	01	AF	101	1:36786:17	1:36786:25	1:36786:14	1:36786:13	1:5488490	-

OPERATING NUMBER					
1 3678640					
SCALE	SHEET SIZE	SHEET	OF	SHEET SIZE	SHEET
A1a4	511	1 of 2	1 of 2	R	27

PROPRIETARY AND CONFIDENTIAL
THIS DRAWING AND THE INFORMATION CONTAINED HEREIN IS THE PROPERTY OF APTIV PLC. IT MAY NOT BE REPRODUCED OR DISCLOSED TO OTHERS WITHOUT WRITTEN PERMISSION OF APTIV PLC.

PART DRAWING

UNLESS OTHERWISE SPECIFIED
THIS DRAWING IS THE PROPERTY OF APTIV PLC AND CONTAINS INFORMATION THAT IS PROPRIETARY TO APTIV PLC. REPRODUCTION OR DISCLOSURE TO THIRD PARTIES WITHOUT WRITTEN PERMISSION IS STRICTLY PROHIBITED.
ALL DIMENSIONS ARE IN MILLIMETERS

DRAWN	G. LOPEZ Jr.	10DE37
REVIEW	J. VILLAMIL	20DE37
APPROVE	J. W DIDRIKSON	20DE37

SURFACE FINISH
SUBSTRATE OF CONTACTS AND RETENTION CONTACTS FOR ANTIFRETTING

SEE SHEET

OPERATING NAME
TAKI ASM CONN 12 OCS 1.2 SLD

OPERATING NUMBER
1 3678640

SCALE	SHEET SIZE	SHEET	OF	SHEET SIZE	SHEET
A1a4	511	1 of 2	1 of 2	R	27

N/A PRESS SENSITIVE DIMENSION
DIMENSION ENCLOSED IN A PRESSURE SENSITIVE AREA OF THE PART

THIRD ANGLE PROJECTION

DO NOT SCALE ON THIS DRAWING

APTIV
CONNECTION SYSTEMS
APTIV PLC
COPYRIGHT 2021 APTIV. ALL RIGHTS RESERVED.
THIS DOCUMENT CONTAINS INFORMATION THAT IS PROPRIETARY TO APTIV. REPRODUCTION OR DISCLOSURE TO THIRD PARTIES WITHOUT WRITTEN PERMISSION IS STRICTLY PROHIBITED. ALL INTELLECTUAL PROPERTY RIGHTS ARE RESERVED.
CONTACT APTIV SALES TO ENSURE AVAILABILITY.
DO NOT SCALE ON THIS DRAWING
UNLESS OTHERWISE SPECIFIED
THIS DRAWING IS THE PROPERTY OF APTIV PLC AND CONTAINS INFORMATION THAT IS PROPRIETARY TO APTIV PLC. REPRODUCTION OR DISCLOSURE TO THIRD PARTIES WITHOUT WRITTEN PERMISSION IS STRICTLY PROHIBITED.
ALL DIMENSIONS ARE IN MILLIMETERS

04B1a1