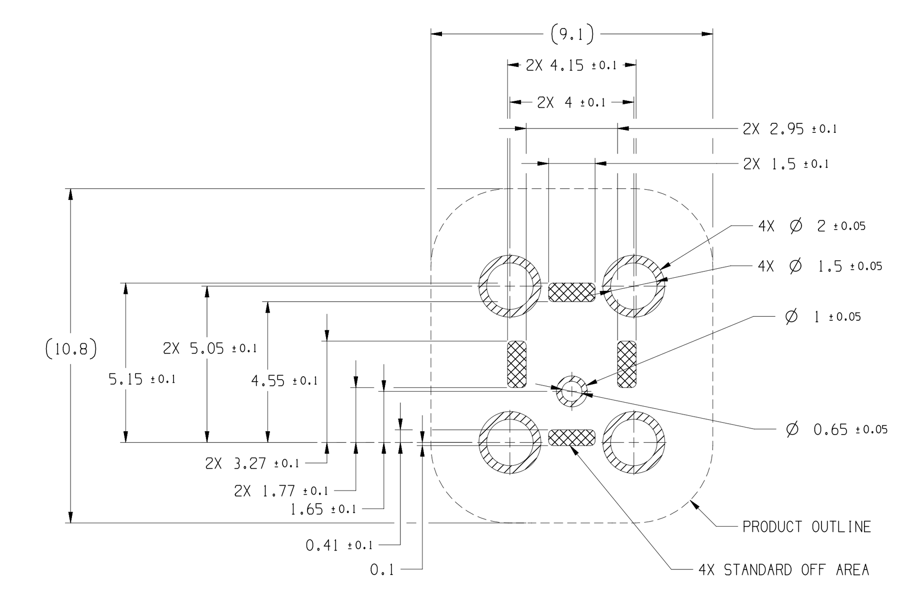
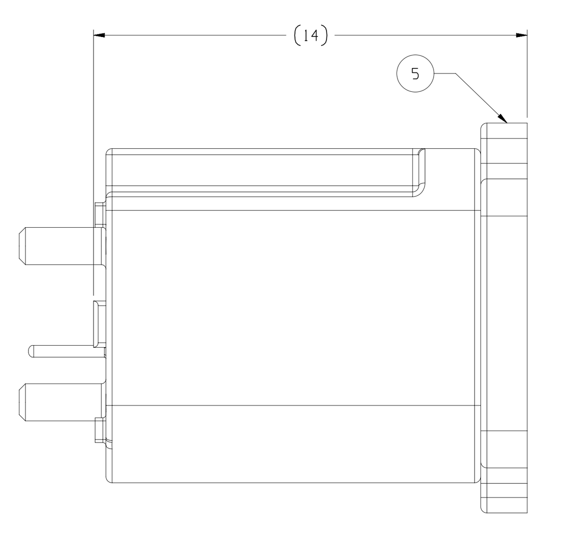
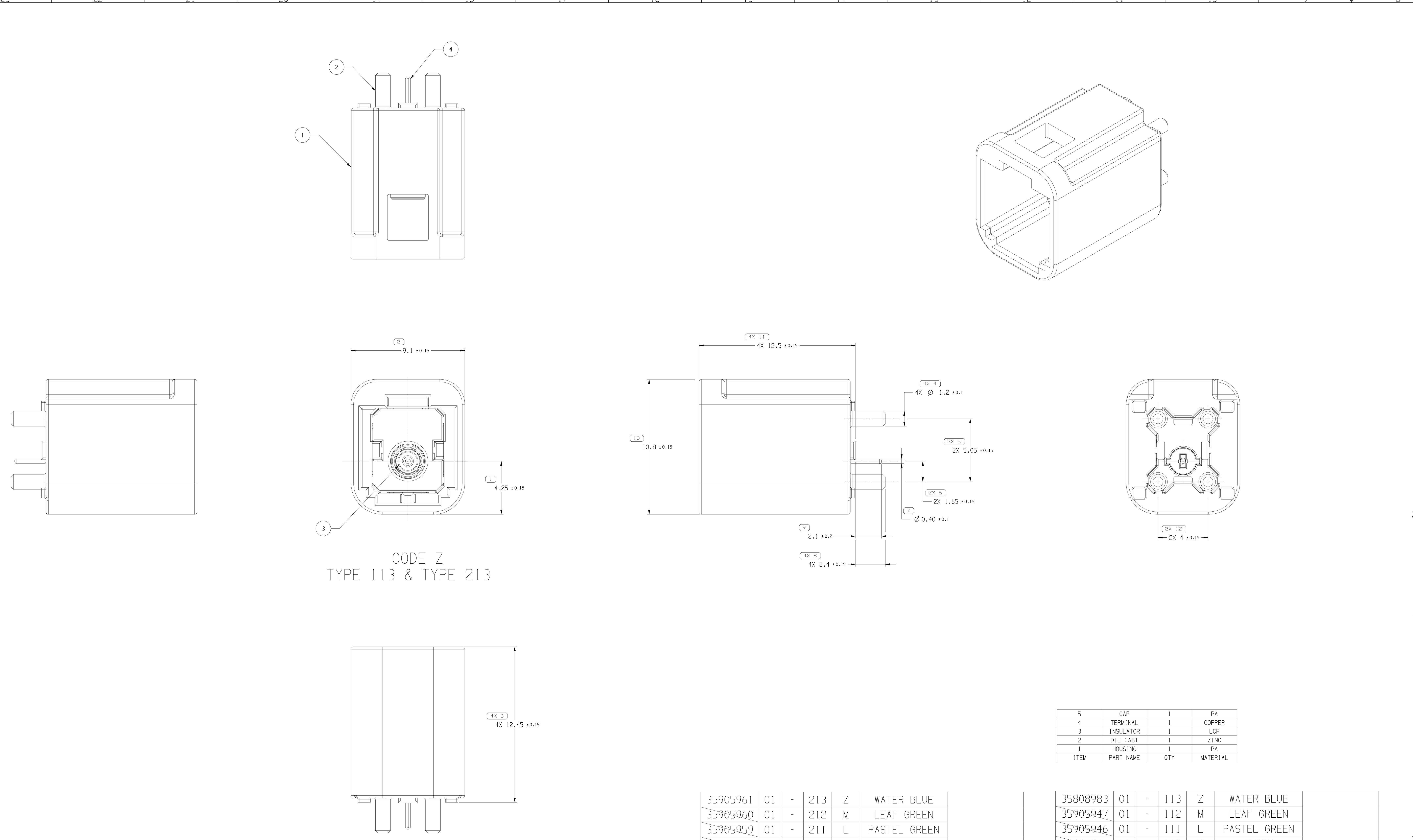


ONLY FOR INFORMATION
RECOMMENDED PCB LAYOUT
PCB THICKNESS 1.6mm



HEADER WITH PICK-UP CAP



CODE Z
TYPE 113 & TYPE 213

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	27
	LAST NO. USED	12

MISSING SYMBOLS
NO MISSING SYMBOL NUMBER

DWG STATUS DATE	STG	REV	N/P	CHG	ZONE	REVISION HISTORY	AUTH	DR	APVD 1	APVD 2
10AP24	R	01	-	-		FIRST RELEASE	451143	FHZ	YQJ	FHZ

ITEM	PART NAME	QTY	MATERIAL
5	CAP	1	PA
4	TERMINAL	1	COPPER
3	INSULATOR	1	LCP
2	DIE CAST	1	ZINC
1	HOUSING	1	PA

CONNECTOR PART NO	REV	N/P	TYPE	CODE	COLOR	INNER TERMINAL PLATING TYPE
35905961	01	-	213	Z	WATER BLUE	Au PLATED
~~35905960~~	01	-	212	M	LEAF GREEN	
~~35905959~~	01	-	211	L	PASTEL GREEN	
~~35905958~~	01	-	210	K	CURRY	
~~35905957~~	01	-	209	J	BEIGE	
~~35905956~~	01	-	208	H	HEATHER VOILET	
~~35905955~~	01	-	207	G	BLUE GREY	
35905954	01	-	206	F	NUT BROWN	
35905953	01	-	205	E	LEAF GREEN	
35905952	01	-	204	D	CLARET VIOLET	
35905951	01	-	203	C	SIGNAL BLUE	
35905950	01	-	202	B	CREAM WHITE	
35905949	01	-	201	A	JET BLACK	

CONNECTOR PART NO	REV	N/P	TYPE	CODE	COLOR	INNER TERMINAL PLATING TYPE
35808983	01	-	113	Z	WATER BLUE	Ag PLATED
~~35905947~~	01	-	112	M	LEAF GREEN	
~~35905946~~	01	-	111	L	PASTEL GREEN	
~~35905945~~	01	-	110	K	CURRY	
~~35905944~~	01	-	109	J	BEIGE	
~~35905943~~	01	-	108	H	HEATHER VOILET	
~~35905942~~	01	-	107	G	BLUE GREY	
35808982	01	-	106	F	NUT BROWN	
35808981	01	-	105	E	LEAF GREEN	
35808980	01	-	104	D	CLARET VIOLET	
35808979	01	-	103	C	SIGNAL BLUE	
35808978	01	-	102	B	CREAM WHITE	
35808977	01	-	101	A	JET BLACK	

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. MATERIAL: SEE TABLE
   PLATING:
   OPTION 1:
   TERMINALS: GOLD ON CONTACT AREA ,MATTE TIN ON SOLDER AREA
   DIECASTING: MATTE TIN ON SOLDER AREA
   OPTION 2:
   TERMINALS: SILVER ON CONTACT AREA ,MATTE TIN ON SOLDER AREA
   DIECASTING: MATTE TIN ON SOLDER AREA

3. ELECTRICAL SPECIFICATION:
   - IMPEDANCE: 50
   - FREQUENCY RANGE: DC TO 9.0 GHz
   - RETURN LOSS: 25dB MIN. (0Hz-1.0GHz)
     29-4*FdB MIN. (1.0GHz-3.0GHz)
     17dB MIN. (3.0GHz-5.5GHz)
     44.5-5*FdB MIN. (5.5GHz-6.5GHz)
     12dB MIN. (6.5GHz-8.0GHz)
     36-3*FdB MIN. (8GHz-9GHz)
   - INSERTION LOSS:0.25dB Max. (0.03GHz-1.0GHz)
     0.35dB Max. (1.0GHz-2.5GHz)
     0.45dB Max. (2.5GHz-4GHz)
     0.55dB Max. (4.0GHz-5.5GHz)
     0.65dB Max. (5.5GHz-7.0GHz)
     0.75dB Max. (7.0GHz-8.5GHz)
     0.85dB Max. (8.5GHz-9.0GHz)
   - D.W.V: 800V MIN.

4. MECHANICAL SPECIFICATION:
   - DURABILITY: 25 CYCLES MIN.
   - RETENTION FORCE LATCH: 110N MIN.
   - ENGAGEMENT FORCE: 25N MAX.

5. WORKING TEMPERATURE RANGE: -40° C TO +105° C

6. RECOMMENDED PCB THICKNESS: 1.6mm.

7. SOLDERING PROCESS: LEAD-FREE REFLOW SOLDERING PROCESS, MAX SOLDERING TEMPERATURE: +260° C FOR 10 SEC.

8. FOR APPLICATION DATA SEE THE INDIVIDUAL APPLICATION DRAWINGS.

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.

CONTACT APTIV SALES TO ASSURE AVAILABILITY OF PARTS.

DWG TYPE: PART DRAWING
STYLE: -
VOLUME (CM³)
DISTR CODE: D

UNLESS OTHERWISE SPECIFIED
THIS DOCUMENT IS IN ACCORDANCE WITH ASME Y14.5-2009. SEE APTIV ENGINEERING DESIGN STANDARD B6 2017 FOR ISO 1101:2004 RECONCILIATION REQUIREMENTS.

ALL DIMENSIONS ARE IN MILLIMETERS

(N/A) PROCESS SENSITIVE DIMENSION

REFERENCE: -

THIRD ANGLE PROJECTION

DO NOT SCALE
USE MATH DATA

•APTIV•
CONNECTION SYSTEMS
Anting, China

		DATE
DR		
APVD1	FANGHUA,ZHAO	10AP24
APVD2	YINGQUAN,JING	10AP24
APVD3	FANGHUA,ZHAO	10AP24
APVD4		
APVD5		

SUBSTANCES OF CONCERN AND RECYCLED CONT10949001
10949001

MATERIAL: SEE CHART

DRAWING NAME: TAXI CONN 1 M FAKRA

DRAWING NUMBER: 35902214

SIZE	SCALE	FRAME NO	SHEET NO	STG	REV	N/P
A1x4	10:1	1 OF 2	1 OF 1	R	01	-

35902214