QUALITY CUSTOMER INTERFACE (QCI)	
DIMENSIONS LISTED BELOW (BY INSPECTION SYMBOL NUMBER) MUST BE INCLUDED IN THE PROCESS CONTROL PLAN FOR THIS PART.	
INSPECTION SYMBOL	ZONE
I2	B17
I3	C15

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: 55	NO MISSING SYMBOL NUMBER
	LAST NO. USED: 39	

DWG STATUS				ZONE	REVISION HISTORY	AUTH	DR	APVD	APVD
DATE	SIZE	REV	N/P	DNO					
18JL17	R	01	-	-	WAS TAXI PE382768 AND RELEASED	437259	TSH	TSH	KC
07NO17	R	02	-	-	ADDED "SHT 1 OF 2"; ALL PARTS - 2X [15.4] WAS 2X 0.3 ±0.2, 4X 2.7 ±0.2 TYP WAS 4X [2.7] TYP, 2X 0.5 ±0.03 WAS 2X 0.5 ±0.02, UPDATED "PART ACCEPTS COMPONENTS", "PACKAGING INSTRUCTION" NOTES AND ADDED QCI CHART, FINISHED PART COLUMN & "MARKING AREA" NOTE	438195	AGC	AGC	KC
17NO21	R	03	-	-	ADDED DIMS I2 PLCS↓, BASIC DIMS I2 PLCS↓ 2X 2.7±0.3 TYP WAS 2X 2.7±0.2 TYP, 2X 0.5±0.3 WAS 2X 0.5±0.2 AND REVISED GD&T POSITION CONTROL ON DIMS #31 & #37	555631	CDD	CDD	EVC

TYPE 102
SAME AS TYPE 101
EXCEPT AS SHOWN

TYPE 106
SAME AS TYPE 101
EXCEPT AS SHOWN

TYPE 103
SAME AS TYPE 101
EXCEPT AS SHOWN

RECOMMENDED PCB LAYOUT

TYPE 104
SAME AS TYPE 101
EXCEPT AS SHOWN

HEADER TO MODULE INTERFACE REQUIREMENTS

TYPE 105
SAME AS TYPE 101
EXCEPT AS SHOWN

PCB CLEAROUT REGION

DETAIL G
SCALE 20:1

SECTION H-H

TYPE 101

SECTION A-A

SECTION E-E

DETAIL W
SCALE 20:1

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. PCB TO BE FR4 0.063" (1.57mm) THICK.

3. MATING CONNECTOR MINIMUM CLEARANCE: AREA TO REMAIN CLEAR OF MODULE COMPONENTS, ADHESIVE, DEBRIS, ETC.

4. DELIVERY OF PARTS ACCORDING PACKAGING INSTRUCTION IN TRAYS AND PLASTIC BAG.

5. ALL MATING TERMINALS AND PRINTED CIRCUIT BOARD TERMINALS ARE VERIFIED FOR TOLERANCE OF POSITION BY APPROVED GAGES FOR FUNCTIONAL FIT PER CONTROL PLAN.

6. INSPECT BOTH A & B DIMENSIONS AS SHOWN IN DETAIL W AND BOTH C & D DIMENSION AS SHOWN IN DETAIL G. THE LARGER OF THE INSPECTED FEATURE DIMENSIONS (A OR B) AND (C OR D) WILL BE REPORTED ON THE INSPECTION DATA.

7. THIS REQUIREMENT MUST BE MET AS CLOSE TO THE PIN TAPER AS POSSIBLE, BUT MUST NOT BE MEASURED WITHIN THE TAPERED AREA OF THE PIN.

8. THIS PART ACCEPTS THE FOLLOWING COMPONENTS OR EQUIVALENT:

   CONNECTOR SHOWN ON TAXI 35122195.

9. AREA FOR GOOD PART MARKING.
   MARKING TO BE MADE WITH A PUSHER.

35107349	03	-	106	F	35102297	35112089	35112085	YES
35107348	03	-	105	E	35102296	35112089	35112085	YES
35107347	03	-	104	D	35102295	35112089	35112085	YES
35107346	03	-	103	C	35102294	35112089	35112085	YES
35107345	03	-	102	B	35102293	35112089	35112085	YES
35107344	03	-	101	A	35102292	35112089	35112085	YES
PART NO	REV	N/P	TYPE	CODE	HEADER	SHIELD (2 PLCS)	TERMINALS (2 PLCS)	FINISHED PART

(N/A) PROCESS SENSITIVE DIMENSION

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

DIMENSIONAL SPACE (MM)

FRACTIONAL	.X	.XX	.XXX	ANGULAR
±1/2	±0.5	±0.25	±0.127	±0.5°

TOLERANCE UNLESS OTHERWISE SPECIFIED

1 TO 6	>6 TO 30	>30 TO 120	>120 TO 315	>315 TO 1000	>1000 TO 2000	>2000 TO 3150	>3150 TO 4000
±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2.0	±3.2

DRAWING NUMBER							
35107350							
SIZE	SCALE	PAGE NO	SHEET NO	TOTAL SHTS	REV	N/P
A1x3	B:1	2 OF 2	1 OF 2	R	03	-

THIRD ANGLE PROJECTION	DO NOT SCALE	USE MATH DATA

NX

		DATE
DR		
APVD1	THOMAS HUDA	18JL17
APVD2	THOMAS HUDA	18JL17
APVD3	KLARA CARBONE	19JL17
APVD4		
APVD5		

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER ATTE (GRAMS)

SEE DRAWING

DRAWING NAME

TAXI ASM CONN M-MEC 050 HEADER

DRAWING NUMBER							
35107350							
SIZE	SCALE	PAGE NO	SHEET NO	TOTAL SHTS	REV	N/P
A1x3	B:1	1 OF 2	1 OF 2	R	03	-

"-" 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 PARTS ARE AVAILABLE FOR PRODUCTION 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 ASSIGNMENT DOES NOT SEPARATE PATTERNS OF FEATURES, MAY BE GAGED SEPARATELY REGARDLESS OF DATUM REFERENCES.

ALL DIMENSIONS ARE IN MILLIMETERS

REFERENCE:

•APTIV•

CONNECTION SYSTEMS

WARREN, OH

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