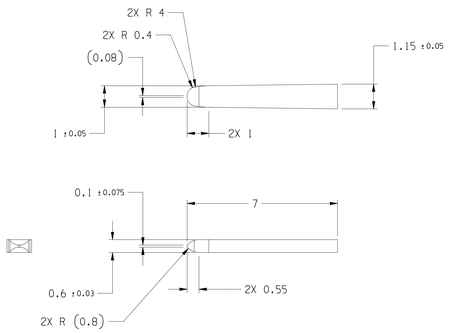
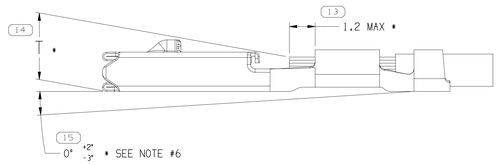
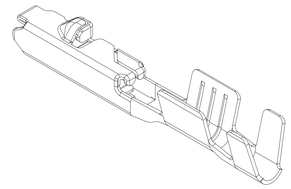


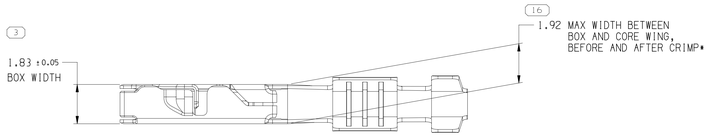
RECOMMENDED MATING BLADE CONFIGURATION

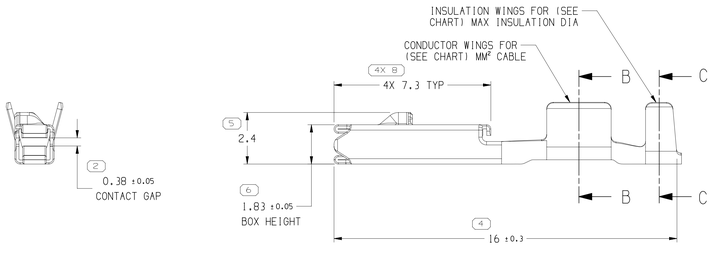
SCALE 10:1



TERMINAL, CABLE CRIMP ALIGNMENT & POSITION







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. RECOMMENDED MATING BLADE THICKNESS 0.6±0.03 MM OR 0.64±0.03 MM
   RECOMMENDED MATING BLADE WIDTH NOT TO EXCEED 1.2 MM
   AND NO LESS THAN 0.61 MM.

3. MAXIMUM CURRENT CAPACITY IS 10 AMPS WITH 0.8 MM² COPPER CABLE.

4. CRIMP DIMENSION FROM THE BACK OF THE CORE WING (INCLUDES THE FLARE OUT FROM THE CORE WING) TO THE END OF THE INSULATION WING.

   2.05 MM MAX WIDTH, 2.1 MM MAX HEIGHT FOR CABLE SIZE UP TO 1.9 MM O.D.
   2.35 MM MAX WIDTH, 2.40 MM MAX HEIGHT FOR CABLE SIZE BETWEEN 1.86 TO 2.25 MM O.D.
   2.67 MM MAX WIDTH, 2.67 MM MAX HEIGHT FOR CABLE SIZE BETWEEN 2.25 TO 2.40 MM O.D.

5. * DENOTES DIMENSIONS MADE AT CUT-OFF & CRIMP DIE.

6. PLUS ANGLE IS WING BOTTOM SURFACE ROTATED COUNTERCLOCKWISE AGAINST THE BOX BOTTOM SURFACE.

7. TERMINAL HAS TO MATE TO A MALE TERMINAL WITH PRECIOUS METAL PLATING CONTACT.

8. DO NOT PROBE, TEST OR OTHERWISE CONTACT THE INTERIOR REGION (THE SPRING OR ANY MOVING PART) OF THIS TERMINAL. SEVERE DAMAGE CAN OCCUR, COMPROMISING THE PERFORMANCE OF THE ELECTRICAL INTERFACE.

PART NO	REV	N/P	MAT'L SIZE	MAT'L SPEC	CONTACT PLATING	SIZE (MM²)	ID	DIA	$B_{1\pm0.2}$	$B_{2\pm0.3}$	(H_1)	(H_2)	T MAX
13543119	04	AG	0.19 X 26.78	GOLD PLATED COPPER ALLOY	GOLD/PALLADIUM	0.8-1	17	1.86 - 2.4	2.5	2.8	2.7	2.8	1.6
13543118	04	AG	0.19 X 26.78	GOLD PLATED COPPER ALLOY	GOLD/PALLADIUM	0.75-0.8	18	1.7 - 1.9	2.5	2.5	2.7	2.5	1.5
13543117	04	AG	0.19 X 26.78	GOLD PLATED COPPER ALLOY	GOLD/PALLADIUM	0.35-0.5	21	1.47 - 1.9	2	2.4	2.1	2.4	1.4

SYMBOL DEFINITION

A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL (n) DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.

TOTAL NO OF INSPECTIONS REQUIRED	19
LAST NO. USED	17

MISSING SYMBOLS

1 7 17

DWG STATUS DATE	STG	REV	N/P	CHG	ZONE	REVISION HISTORY	AUTH	DR	APVD1	APVD2
12OC05	R	01	-	-		ALL PARTS - RELEASED	272671	JMR	JMR	SCH
11JA06	R	02	-	-		ALL PARTS - UPDATED PDM ATTRIBUTES	276234	RH	RH	SCH
28MR06	R	03	-	-		13543118 - T MAX DIM WAS 1.6; ALL PARTS-REVISED NOTE 4	278453	EES	EES	SCH
14FE07	R	04	-	-		13543117 - CBL Ø 1.47-1.9 WAS 1.47-1.83 13543119 - CBL Ø 1.86-2.4 WAS 1.86-2.25 13543118 - UPDATED PDM ATTRIBUTES	400484	MAC	MAC	SCH
24AU07	R	05	-	-		ALL PARTS: REVISED EXTERIOR LEAD-IN	402155	MM	MM	SCH
21SE07	R	06	-	-		ALL PARTS: UPDATED PDM ATTRIBUTES	402423	MM	MM	SCH
15MY08	R	07	-	-		ALL PARTS: REVISED PROCESS SENSITIVE DIMENSION	404644	MM	MM	SCH
23OC08	R	08	-	-		ALL PARTS: REVISED PART DESCRIPTION	406529	MM	MM	SCH
13AU09	R	09	-	-		ALL PARTS - UPDATED PDM ATTRIBUTES	407168	ARC	JVM	MHS
13JL10	R	10	-	-		ALL PARTS - CORRECTED MATERIAL CALLOUT	411346	MHS	MHS	MHS
19AU10	R	11	-			ALL PARTS - REMOVED BARE METAL STRIPE	411709	JTV	JTV	MHS
18MY11	R	12	-	-		ALL PARTS - MAT'L SIZE 0.19 X 26.78 WAS 0.19 X 27.78	414287	MK	MK	MEC
26JA12	R	13	-	-		ALL PARTS - DRAWING NAME WAS TERM F MICRO HVT 1.2	416835	JEG	JEG	JRV
05FE13	R	14	-	-		ALL PARTS - ADDED OPTIONAL SLOT LABEL	421330	AHG	JVM	MEC
02JL13	R	15	-	-		ALL PARTS; UPDATED PDM ATTRIBUTES; NO REV UPDATE REQ'D	423154	CM	CM	MEC
24AP14	R	16	-	-		ALL PARTS - REVISED CRIMP DIMENSIONING NOTE	426369	APB	JAA	MEC
12NO18	R	17	-	-		ALL PARTS - UPDATED PDM ATTRIBUTES	441457	LXA	JAA	LB
21JN19	R	18	-	-		ALL PARTS - UPDATED PDM ATTRIBUTES	443730	CGD	CGD	OMS

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

UNLESS OTHERWISE SPECIFIED

THIS DOCUMENT IS IN ACCORDANCE WITH ASME Y14.5M-1994 AS AMENDED BY THE GM GLOBAL DIMENSIONING AND TOLERANCING ADDENDUM-2001. SEPARATE PATTERNS OF FEATURES MAY BE DAGED SEPARATELY REGARDLESS OF DATUM REFERENCES.

ALL DIMENSIONS ARE IN MILLIMETERS

(3) PROCESS SENSITIVE DIMENSION

DIMENSIONS ENCLOSED IN ( ) INDICATE REFERENCE DIMENSIONS AND NO TOLERANCE LIMITS ARE ESTABLISHED

REFERENCE

DIMENSIONAL RANGE (MM)	CHART D
FROM	0
TO	12
TOLERANCE UNLESS OTHERWISE SPECIFIED	±0.1
ANGULAR TOLERANCE ±2°	±0.2

THIRD ANGLE PROJECTION

DO NOT SCALE USE MATH DATA

NX

•APTIV•

CONNECTION SYSTEMS

WARREN, OH

	DATE
DR	
APVD1 J. RAINEY	12OC05
APVD2 J. RAINEY	12OC05
APVD3 S.HSIEH	14OC05
APVD4	
APVD5	

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER APTIV 1094901

MATERIAL: SEE CHART

DRAWING NAME: TAXI TERM F OCS 1.2

DRAWING NUMBER: 13543112

SIZE	SCALE	FRAME NO	SHEET NO	STG	REV	N/P
A0	10:1	1 OF 1	2 OF	R	18	-