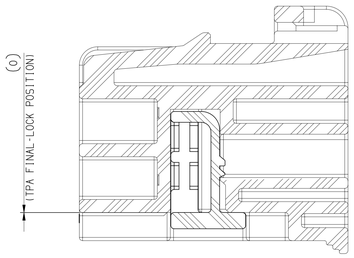


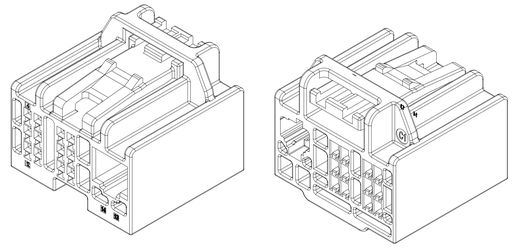
SECTION A - A

TPA IN PRE-LOCK POSITION
DELIVERY CONDITION FROM DELPHI
TO HARKNESS MAKER



SECTION A - A

TPA IN FINAL-LOCK POSITION



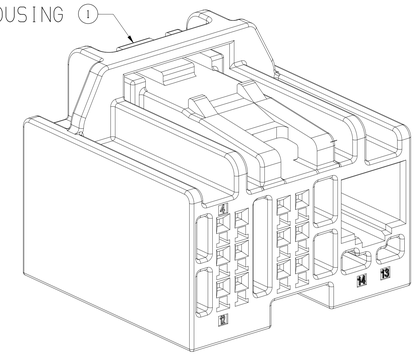
ISOMETRIC VIEW
SCALE 3:1

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	6
	LAST NO. USED	4

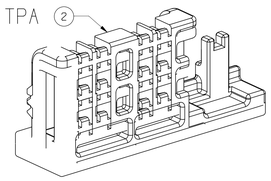
MISSING SYMBOLS
NO MISSING SYMBOL NUMBER

DWG STATUS									
DATE	STG	REV	N/P	CHG	ZONE	REVISION HISTORY	AUTH	DR	APVD1	APVD2
21NO18	R	01	-	-	-	INITIAL RELEASE	440883	YIK	SJW	PJH
18JL19	R	02	-	-	-	MODIFY DRAWING NAME	-	YIK	SJW	PJH

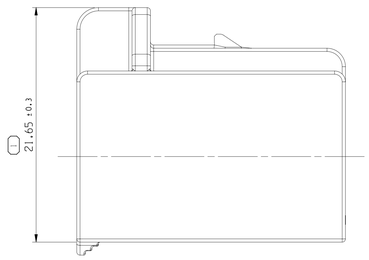
FEMALE HOUSING (1)

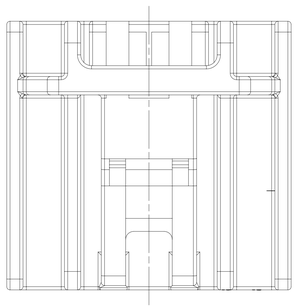


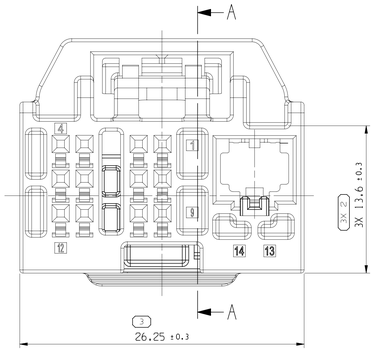
FEMALE TPA (2)

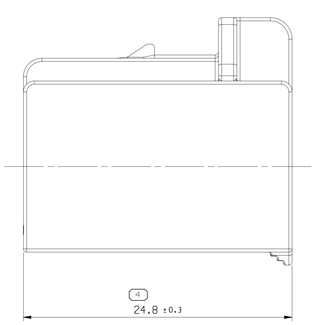


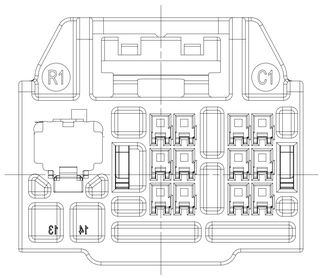
EXPLODED VIEW

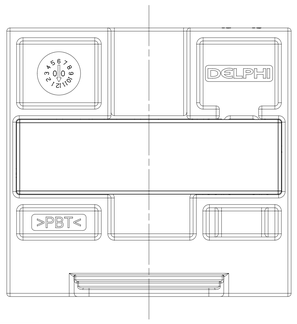












ASSOCIATED PARTS					
DESCRIPTION		PART NUMBER	WIRE SIZE(mm²)	AWG
AMEC FEMALE MODULE	FEMALE INSERT	35283748	-	-
	FEMALE SECONDARY LOCK	35283749	-	-
	CTS FEMALE 0.5 TERMINAL	33124945	-	-
MMCII FEMALE TERMINAL	Sn PLATING	TK196-00100	AVSS 0.3-0.5	20-22
		TK196-00400	CHFUS 0.22	24

DIN ISO 2768	Tolerance Class Fine (m)						
Linear Dimensions except for broken edges	Permissible deviations for basic size range (mm)						
	0.5 *) up to 3	over 3 up to 6	over 6 up to 30	over 30 up to 120	over 120 up to 400	over 400 up to 1000	over 1000 up to 2000
	±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2
Broken edges (radii, chamfers)	Permissible deviations for basic size range (mm)						
	0.5 *) up to 3	over 3 up to 6				over 6	
	±0.2	±0.5				±1	
	Permissible deviations for ranges of lengths, in mm, of the shorter side of the angle concerned						
Angular dimensions	up to 10	over 10 up to 50	over 50 up to 120		over 120 up to 400		over 400
	±1°	±0° 30'	±0° 20'		±0° 10'		±0° 5'

*) For nominal sizes below 0.5mm, the deviations shall be indicated adjacent to the relevant nominal size(s).

NOTE:

1. ALL UNSPECIFIED RADIUS TO BE R0.3.
2. NOT SPECIFIED DIMENSION & TOLERANCE MUST MEET : ISO 2768(m).
3. MUST BE FREE OF CRACK, FLOW, FLOW MARK, FLASH, BURR ETC.
4. MUST MEET HMC SPEC ES9|500-00 UNLESS OTHERWISE SPECIFIED TO VENDOR SPECIFICATION.
5. APPLICABLE MALE CONNECTOR DRAWING NO: 35164712

ASSEMBLY P/NO	REV	(1)FEMALE HOUSING			(2)FEMALE TPA			COUNT P/NO
		P/NO	MATERIAL	COLOR	P/NO	MATERIAL	COLOR	
35164711	01	35164714	PBT	NATURAL	35166519	PBT-GF30	BLACK	35164712

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 DM GLOBAL DIMENSIONING AND TOLERANCING ADDENDUM-2001. SEPARATE PATTERNS OF FEATURES MAY BE IMAGED SEPARATELY REGARDLESS OF DATUM REFERENCES.

ALL DIMENSIONS ARE IN MILLIMETERS

( ) PROCESS SENSITIVE DIMENSION

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

REFERENCE

DIMENSIONAL RANGE (MM)																			
FROM	> 0	> 3	> 6	> 10	> 18	> 30	> 50	> 70	> 100	> 120	> 150	> 180	> 200	> 250	> 300	> 315	> 400	> 500	> 630
TO	3	6	10	18	30	50	70	100	120	150	180	200	250	300	315	400	500	630	800
TOLERANCE UNLESS OTHERWISE SPECIFIED	±0.15	±0.2	±0.3	±0.4	±0.5	±0.6	±0.8	±1	±1.2										
ANGULAR TOLERANCE ±2°																			

THIRD ANGLE PROJECTION

DO NOT SCALE

USE MATH DATA

NX

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DELPHI
CONNECTION SYSTEMS
Namyang, Korea

		DATE
DR		
APVD1	YUN, IN-KI	21NO18
APVD2	SEO, JU-WON	21NO18
APVD3	PARK, JOO-HYUN	21NO18
APVD4		
APVD5		

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER DELPHI (09490)

MATERIAL: SEE TABLE

DRAWING NAME: ○025 ETHERNET 14WAY UNSEALED FEMALE ASSEMBLY

DRAWING NUMBER: 35164711

SIZE	SCALE	FRAME NO	SHEET NO	STG	REV	N/P
A0	5:1	1 OF 1	1 OF 1	R	02	-