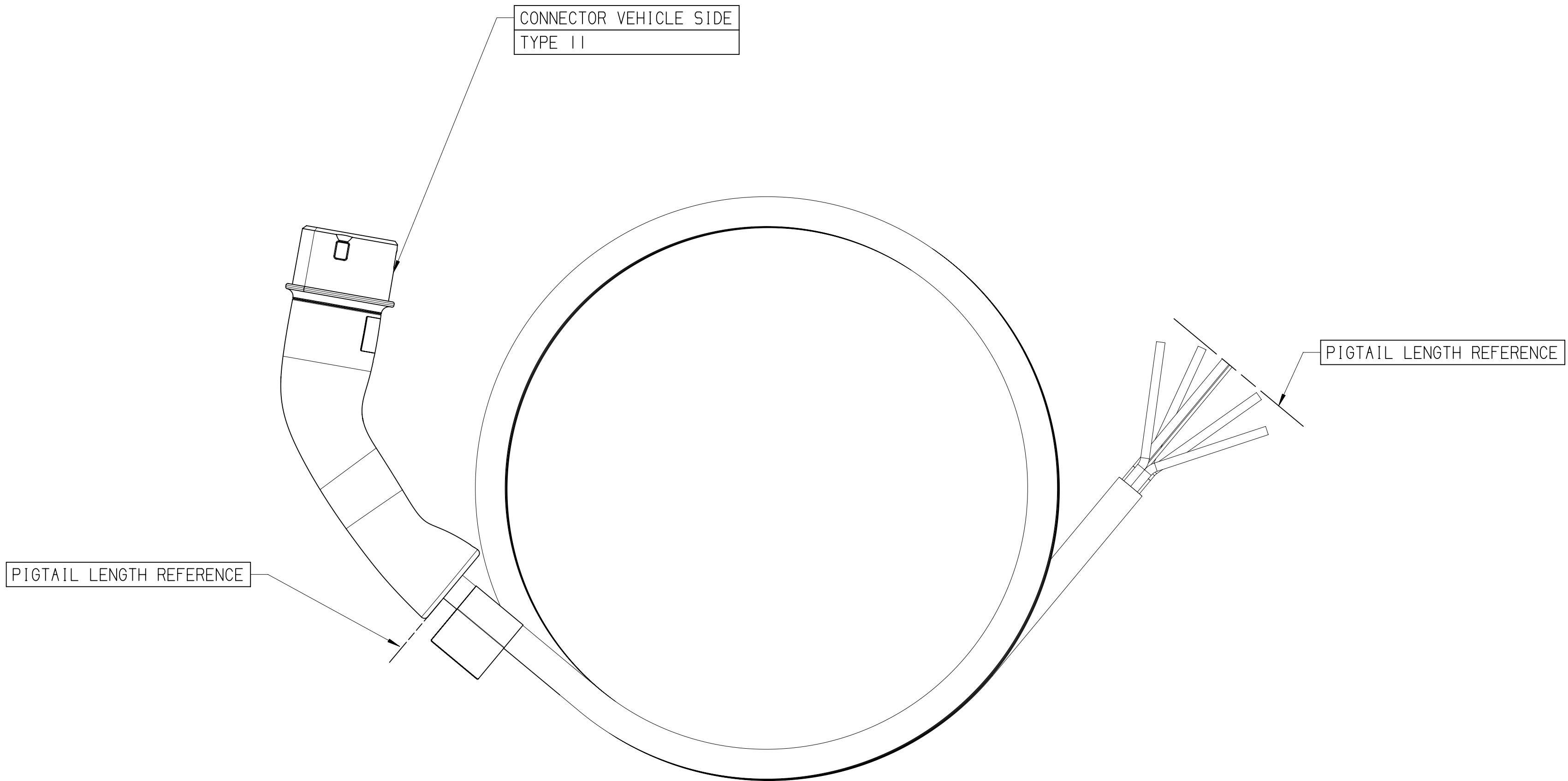
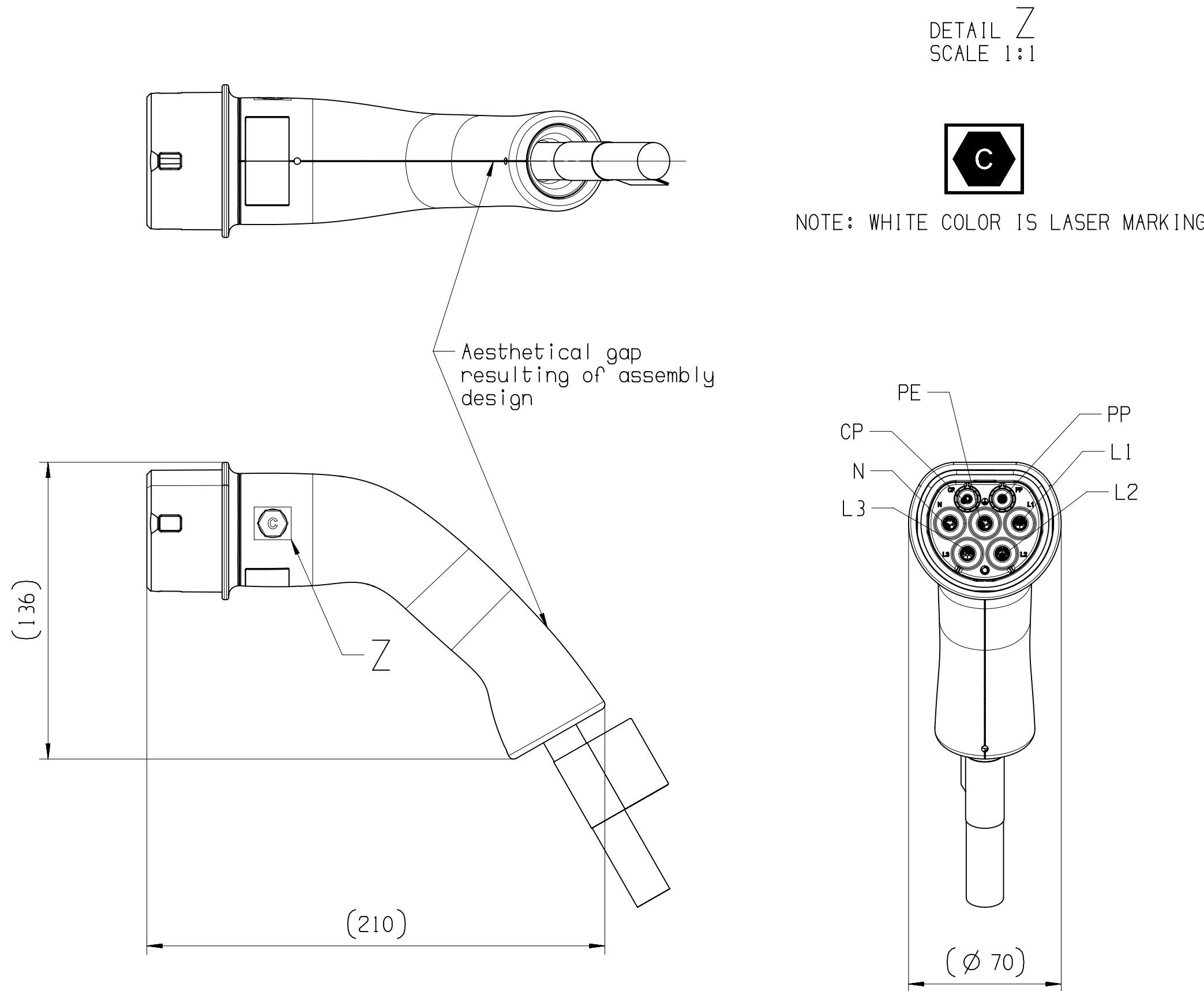


TECHNICAL CHARACTERISTICS :
1 - OPERATING TEMPERATURE : -40°C TO +50°C
2 - MATING ENDURANCE : 10,000 CYCLES
3 - PROTECTION LEVEL : IP2X CONNECTOR NOT MATED
4 - PROTECTION LEVEL : IP44 CONNECTOR MATED OR WITH DUST CAP (APN: 35450349)
5 - APTIV PRODUCT PERFORMANCE : TR349966d
6 - HANDLING MANUAL : 35628321-CU507
7 - INTERFACE CONFORME TO : IEC 62196-2
- CONNECTOR VEHICLE SIDE TYPE 11
INTERFACE CONFORM TO IEC 62196-2:2016 EDITION 2.0 STANDARD SHEET 2-11e

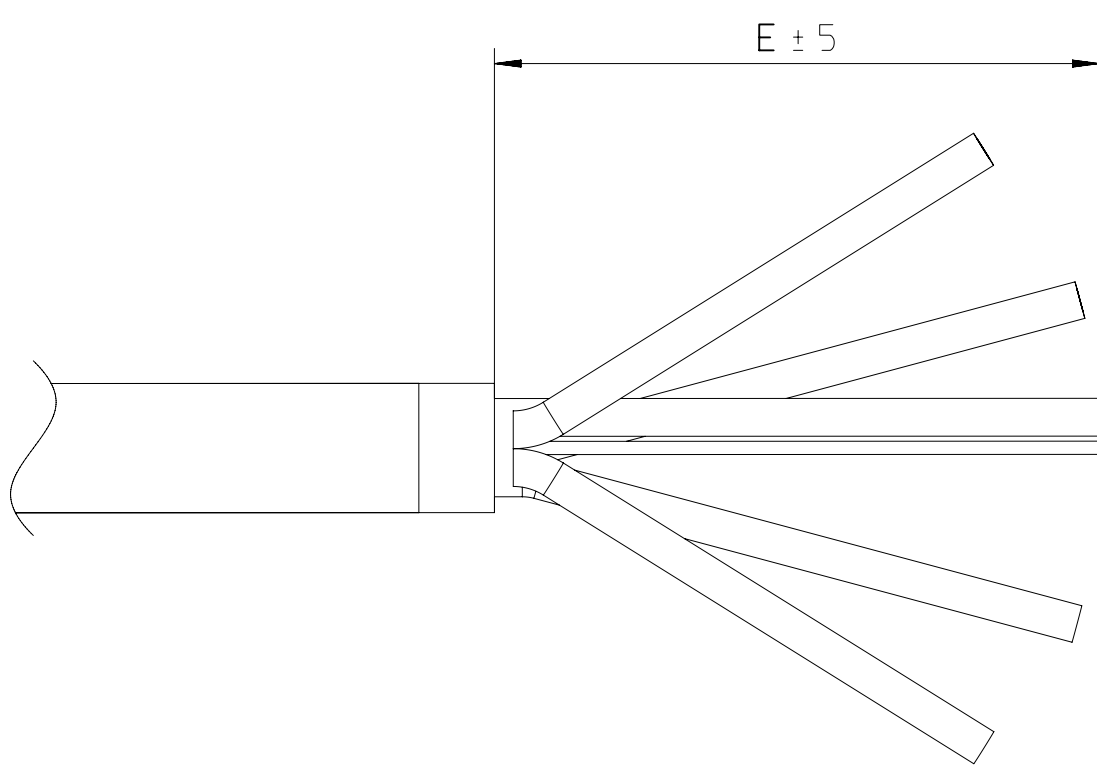
06



CONNECTOR VEHICLE SIDE TYPE 11



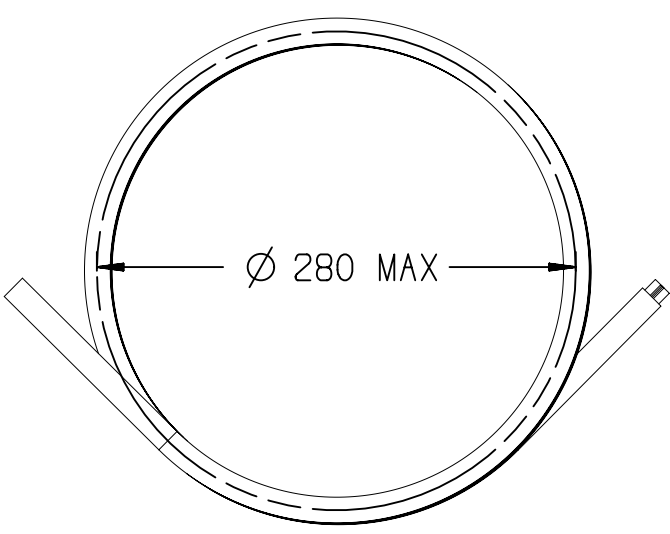
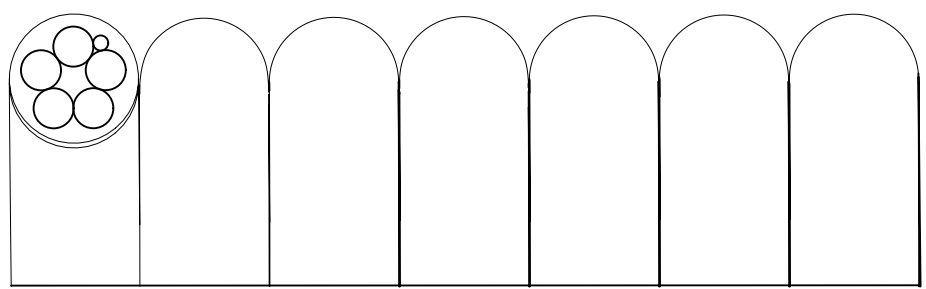
CUSTOMER SIDE



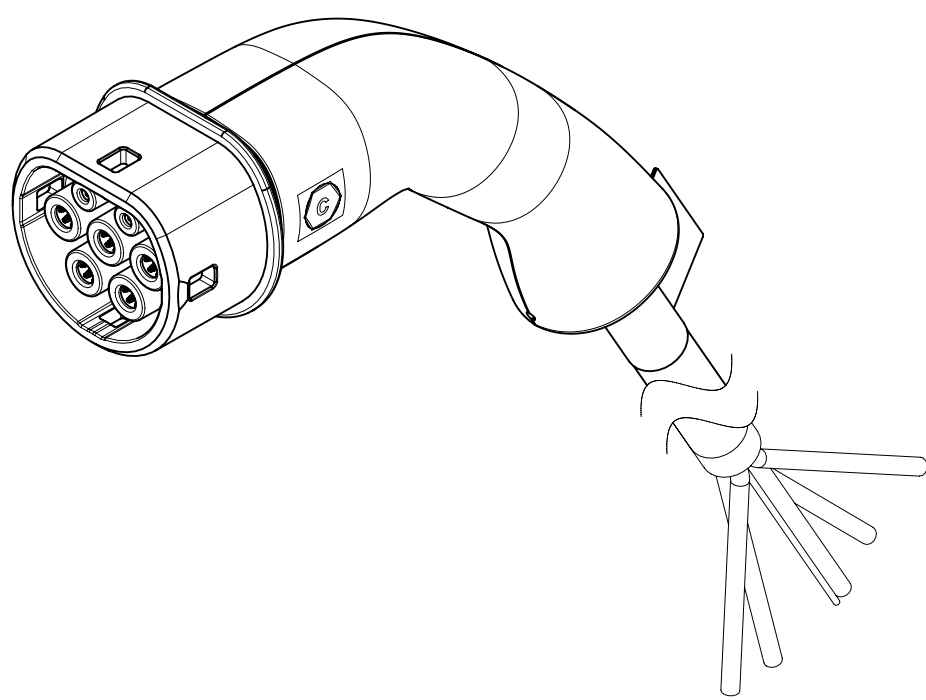
END 2 : CUSTOMER SIDE			
WIRE SIZE (mm²)	COLOR	WIRE LOCATION	DIM.E (mm)
2.5 ; 6.0	GREEN/YELLOW	PE	100
0.5	ORANGE	CP	100
2.5 ; 6.0	BLUE	N	100
2.5 ; 6.0	BROWN	L1	100
2.5 ; 6.0	BLACK	L3	100
2.5 ; 6.0	GRAY	L2	100

HIGH-VOLTAGE CHARGING CABLE
FOR ELECTRIC VEHICLES
FLAME-RETARDANT AND HALOGEN FREE, BARE COPPER WIRES
COLOR: BLACK
ACCORDING TO EN 50620

SCALE 1:5



3D VIEW
SCALE 1:5

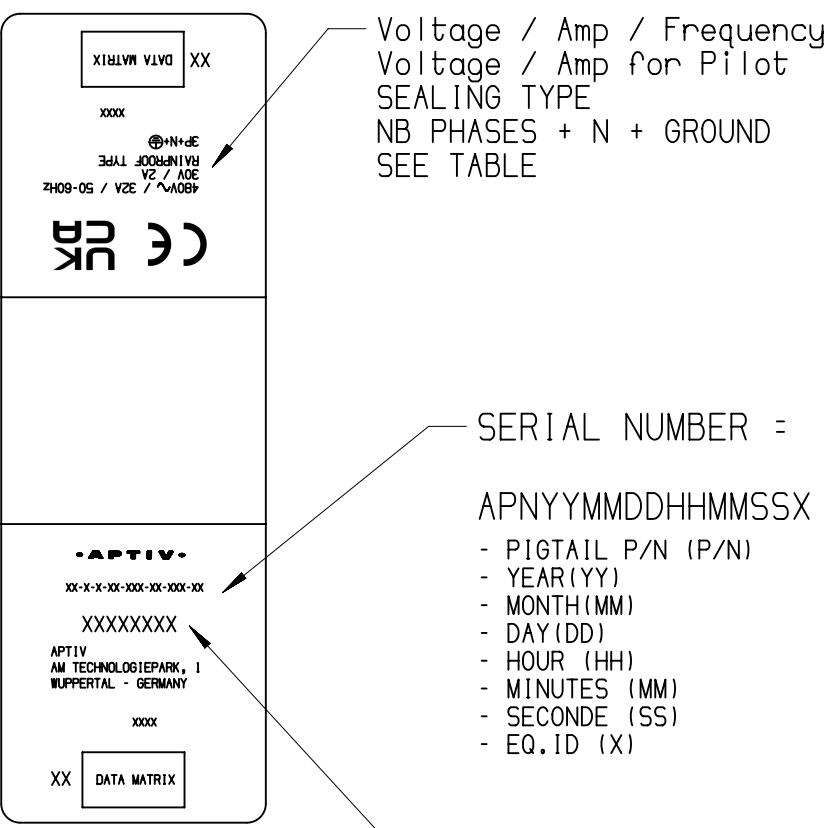


DIM TO CHECK		DIMENSIONAL RANGE (mm)		TOLERANCE		CHARACTER	
FROM	TO	> 0	> 20	> 20	> 70	> 100	> 150
TO	20	20	70	70	100	150	200
		TOLERANCE UNLESS OTHERWISE SPECIFIED					
		±0.15		±0.2		±0.3	
		±0.4		±0.5		±0.6	
		±0.8		±1		±1.2	
		ANGULAR TOLERANCE		±2°			

PHASE	RATED VOLTAGE (V AC)	RATED CURRENT (A)	FREQUENCY (Hz)	PIGTAIL LENGTH (see reference)	APTIV P/N	APTIV REVISION	MASS OF THE PRODUCT (kg)	CERTIFICATION OF CONFORMITY 'CE'	CERTIFICATION OF CONFORMITY 'UK'	MODEL TYPE
THREE	480	32	50/60	3.5m±100mm	35672710	01	2.07	CAQE 1121/06	CAQE 1121/10	T2-V-3-32-450-EU-040-AR
THREE	480	32	50/60	5m±100mm	35622692	01	2.79			
THREE	480	32	50/60	5.5m±100mm	35672711	01	3.03			
THREE	480	32	50/60	6m±100mm	35672712	01	3.27			
THREE	480	32	50/60	6.5m±100mm	35672713	01	3.52			
THREE	480	32	50/60	7m±100mm	35672714	01	3.76			
THREE	480	32	50/60	7.5m±100mm	35672715	01	4	CAQE 1121/04	CAQE 1121/08	T2-V-3-20-450-EU-042-AR
THREE	480	32	50/60	8m±100mm	35672716	01	4.24			
THREE	480	32	50/60	8.5m±100mm	35672717	01	4.48			
THREE	480	20	50/60	3.5m±100mm	35636480	01	1.27			
THREE	480	20	50/60	3.85m±100mm	35668507	01	1.36			
THREE	480	20	50/60	5m±100mm	35622694	01	1.67			
THREE	480	20	50/60	5.35m±100mm	35668508	01	1.77	CAQE 1121/05	CAQE 1121/09	T2-V-1-32-250-EU-041-AR
THREE	480	20	50/60	6m±100mm	35672727	01	1.94			
THREE	480	20	50/60	6.5m±100mm	35672729	01	2.07			
THREE	480	20	50/60	7m±100mm	35672730	01	2.2			
THREE	480	20	50/60	7.5m±100mm	35672731	01	2.34			
THREE	480	20	50/60	8m±100mm	35636482	01	2.47			
THREE	480	20	50/60	8.35m±100mm	35668509	01	2.57	CAQE 1121/03	CAQE 1121/07	T2-V-1-20-250-EU-043-AR
MONO	250	32	50/60	3.5m±100mm	35672694	01	1.41			
MONO	250	32	50/60	5m±100mm	35622691	01	1.87			
MONO	250	32	50/60	5.5m±100mm	35672696	01	2.03			
MONO	250	32	50/60	6m±100mm	35672700	01	2.18			
MONO	250	32	50/60	6.5m±100mm	35672702	01	2.33			
MONO	250	32	50/60	7m±100mm	35672703	01	2.49	CAQE 1121/03	CAQE 1121/07	T2-V-1-20-250-EU-043-AR
MONO	250	32	50/60	7.5m±100mm	35672707	01	2.64			
MONO	250	32	50/60	8m±100mm	35672708	01	2.79			
MONO	250	32	50/60	8.5m±100mm	35672709	01	2.95			
MONO	250	20	50/60	3.5m±100mm	35672718	01	0.87			
MONO	250	20	50/60	5m±100mm	35622693	01	1.11			
MONO	250	20	50/60	5.5m±100mm	35672719	01	1.19	CAQE 1121/03	CAQE 1121/07	T2-V-1-20-250-EU-043-AR
MONO	250	20	50/60	6m±100mm	35672721	01	1.27			
MONO	250	20	50/60	6.5m±100mm	35672722	01	1.35			
MONO	250	20	50/60	7m±100mm	35672723	01	1.43			
MONO	250	20	50/60	7.5m±100mm	35672724	01	1.51			
MONO	250	20	50/60	8m±100mm	35672725	01	1.59			
MONO	250	20	50/60	8.5m±100mm	35672726	01	1.67			

LABEL DEFINITION

GLOBAL INFORMATION VIEW
LABEL ON CABLE.

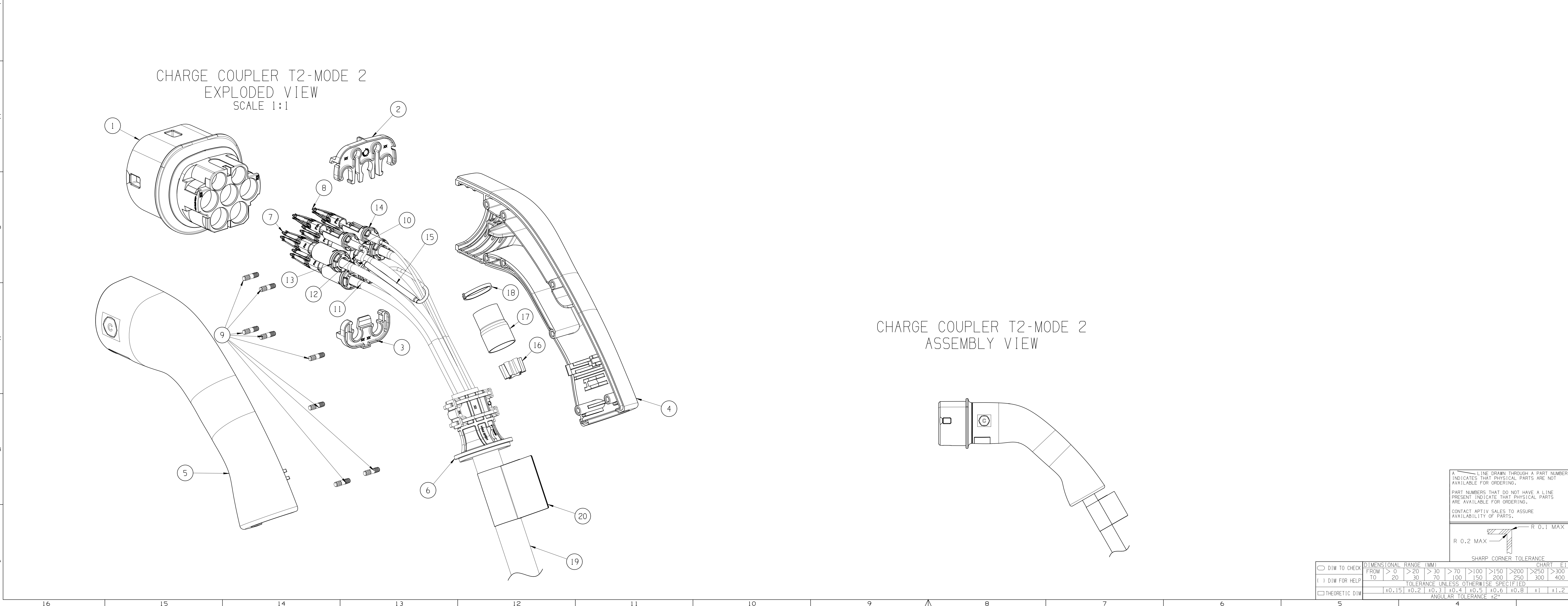


SERIAL NUMBER :
APNYMMDDHHMSSX
- PIGTAIL P/N (P/N)
- YEAR(Y)
- MONTH(M)
- DAY(D)
- HOUR (H)
- MINUTES (MM)
- SECOND (SS)
- EQ. ID (X)

MODEL TYPE
SEE TABLE

		15		14		13		12		11		10		9		8		7		6		5		4				
PRE-ASSY COUPLER PARTS BILL OF MATERIAL		TREE PHASES 32A		TREE PHASES 20A		MONO PHASE 32A		MONO PHASE 20A																				
POS	DESCRIPTION	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY
1	FEMALE T2 HOUSING 7 WAYS	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	FEMALE T2 HOUSING 5 WAYS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	TPA UPPER	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	TPA LOWER	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	RIGHT SHELL	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	LEFT SHELL	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	CABLE RETAINER 506	1	1	1	1	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	CABLE RETAINER 306 & 502.5	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	CABLE RETAINER 302.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	POWER FEMALE TERMINAL 6"	5	5	5	5	5	5	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	POWER FEMALE TERMINAL 2.5"	-	-	-	-	-	-	-	-	5	5	5	5	5	5	5	5	5	5	5	3	3	3	3	3	3	3	3
	CP & PP FEMALE TERMINAL 0.5"	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
9	BARBS STEEL	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
10	SHRINK TUBE FOR SIGNAL CRIMPING	-	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
11	SHRINK TUBE FOR POWER CRIMPING	-	5	5	5	5	5	5	5	5	5	5	5	5	5	5	3	3	3	3	3	3	3	3	3	3	3	3
12	TUBE POWER FOR PE	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	SWS 6" FEMALE	-	4	4	4	4	4	4	4	-	-	-	-	-	-	-	2	2	2	2	2	2	2	2	2	2	2	2
	SWS 2.5" FEMALE	-	-	-	-	-	-	-	-	4	4	4	4	4	4	4	-	-	-	-	-	-	-	-	-	-	-	-
14	SWS 0.5" FEMALE	-	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	RESISTOR ASSY 220Ω	-	1	1	1	1	1	1	1	-	-	-	-	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1
	RESISTOR ASSY 680Ω	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-
	CABLE INTERNAL SEALING (THREE PHASE GLUE CROSS)	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-
16	CABLE INTERNAL SEALING (MONO PHASE GLUE CROSS)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1
	HEAT SHRINK TUBE, Ø = 19mm	1	1	1	1	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	HEAT SHRINK TUBE, Ø = 16mm	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	TIE-RAP	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	506 CABLE	3.72m	5.22m	5.72m	6.22m	6.72m	7.22m	7.72m	8.22m	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	502.5 CABLE	-	-	-	-	-	-	-	-	3.72m	4.07m	5.22m	5.57m	6.22m	6.72m	7.22m	7.72m	8.22m	8.57m	-	-	-	-	-	-	-	-	-
	306 CABLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	302.5 CABLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	LABEL RATING	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

DWG STATUS		ZONE		REVISION HISTORY		AUTH		DR		APVD	
DATE	STG	REV	IN	PH	CHG						
17MR22	R	04				SEE SHEET 1				S.KAR,R.ASH	
10JN22	R	05				ADD 3 NEW VERSION				S.KAR,R.ASH	
04AJ22	R	06				SEE SHEET 1				S.KAR,R.ASH	



APTIV

CONNECTION SYSTEMS

Chennai, India

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DWG TYPE: CUSTOMER PART DRAWING

REVISION: 04

VOLUME: 10/11

ROUTING: ---

UNLESS OTHERWISE SPECIFIED

GENERAL TOLERANCES ACCORDING TO: SEE TABLE

OD&T ACCORDING TO: 150 1101

REFERENCE

FIRST ANGLE PROJECTION

DO NOT SCALE

USE MATH DATA

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.

SHARP CORNER TOLERANCE

R 0.2 MAX

R 0.1 MAX

DIM TO CHECK

DIM FOR HELP

THEORETIC DIM

DIMENSIONAL RANGE (MM)

CHART E1

FROM TO

0 20

20 30

30 70

70 100

100 150

150 200

200 250

250 300

300 400

TOLERANCE UNLESS OTHERWISE SPECIFIED

±0.15 | ±0.2 | ±0.3 | ±0.4 | ±0.5 | ±0.6 | ±0.8 | ±1 | ±1.2

ANGULAR TOLERANCE: 12°

DRAWING NUMBER: 35628321

SIZE: A0

SCALE: 1:2

FRAME NO: 1 OF 1

SHEET NO: 2 OF 2

STG: 1

REV: 06

DATE: 17MR22

Mouser Electronics

Authorized Distributor

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