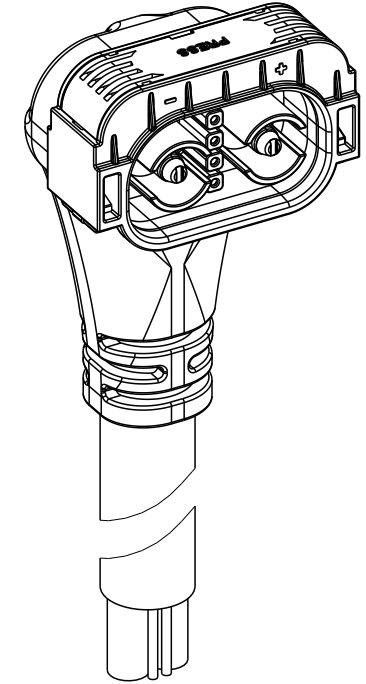
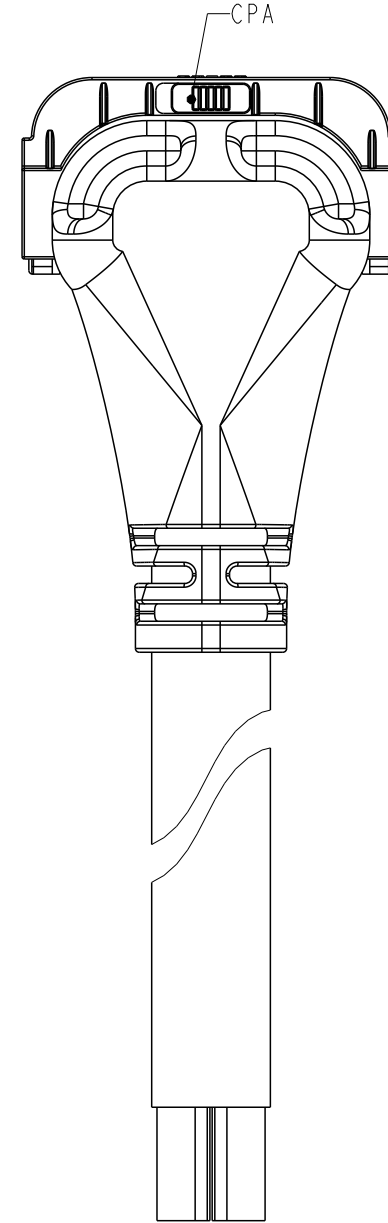
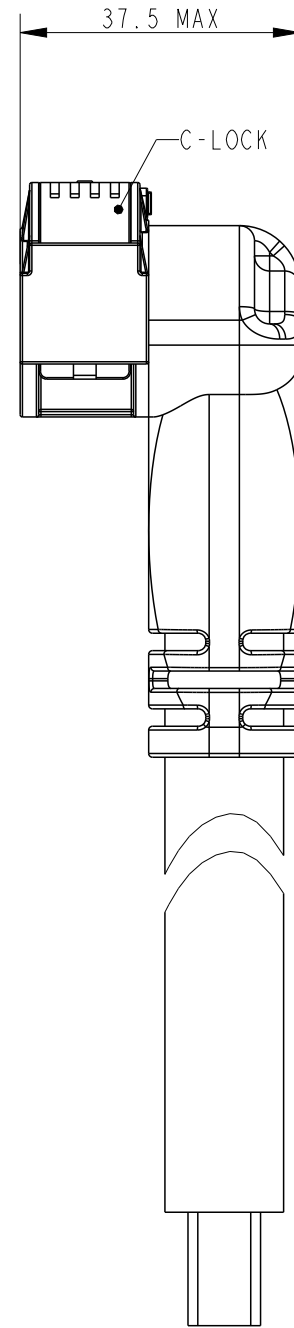
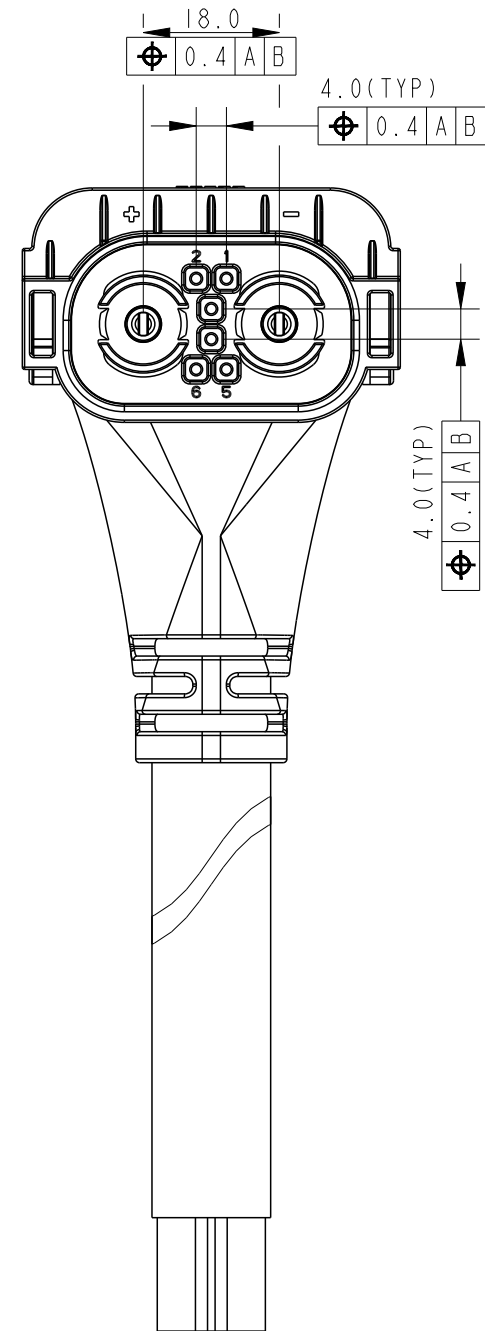
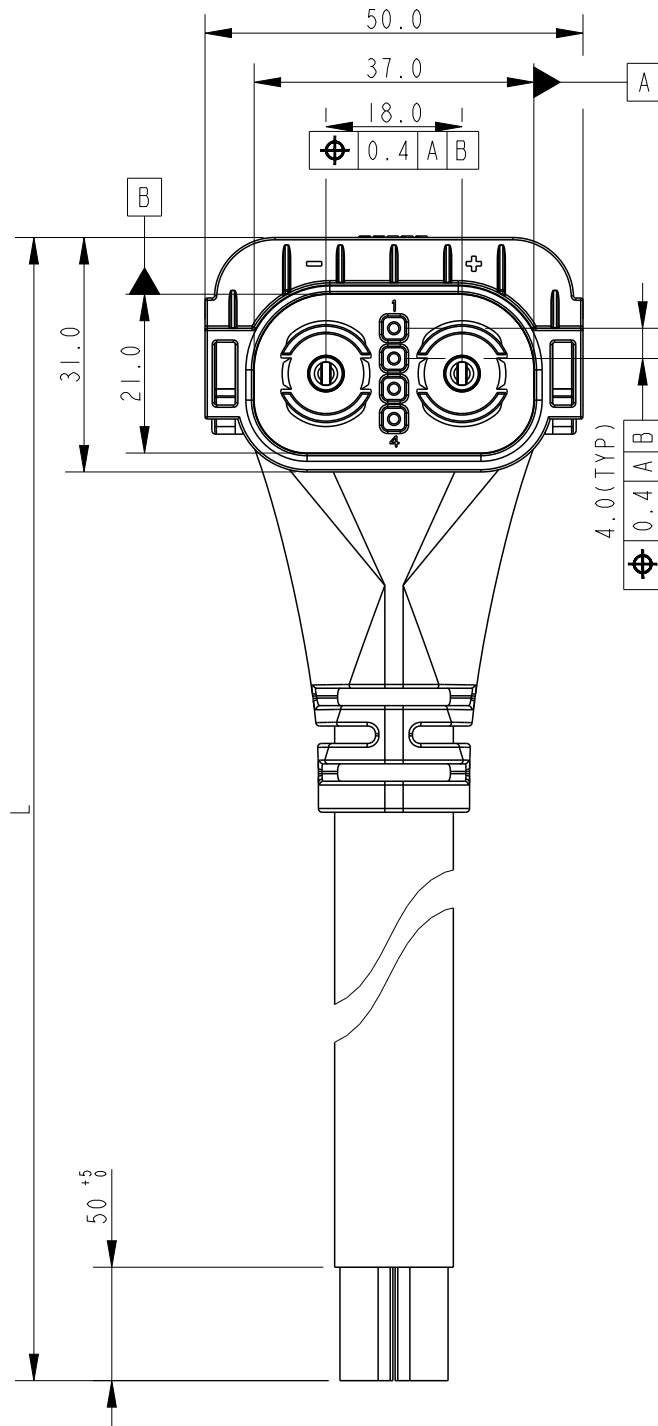


AU10169534-X24XXLF
2 POWER, 4 SIGNAL VARIANT

AU10169534-X26XXLF
2 POWER, 6 SIGNAL VARIANT



AU 10169534 - X 2 X X X LF									
AUTOMOTIVE	BASE NO.							LEAD FREE	
								CABLE LENGTH B - 0.2 M	
								POWER CABLE SIZE C - 16 SQMM	
								NO. OF SIGNAL TERMINALS 4 6	
								NO. OF POWER TERMINALS	
								RATED CURRENT J - 70A	

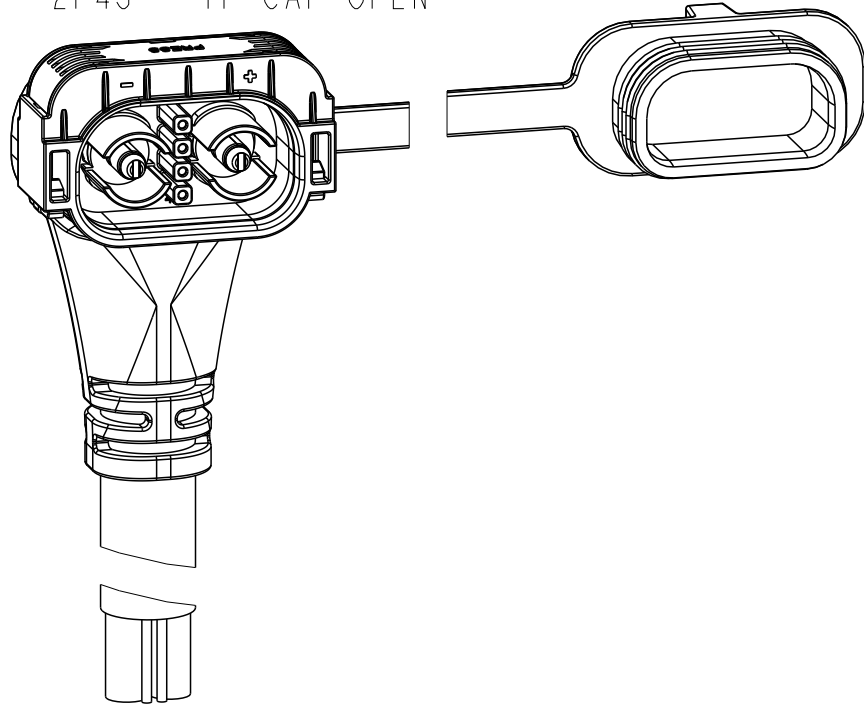
ITEM	COLOR
CPA	YELLOW
C-LOCK	RED

spec ref				dr	Prakash, Pravi	2022/12/30			size	A3	scale	1:1	
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	-	2022/12/31			ecn no -				
				chr	-	-			rel level Preliminary				
				appr	-	-			product family -				
surface ISO 1302	linear	0.X	±0.5	Amphenol FCi	title PLUG ASSEMBLY				dwg no 10169536	p t c _ w m - 1		rev	
		0.XX	±0.25										
		0.XXX	±		cat. no. -								
	angular	0°	±°										Product - Customer Drw

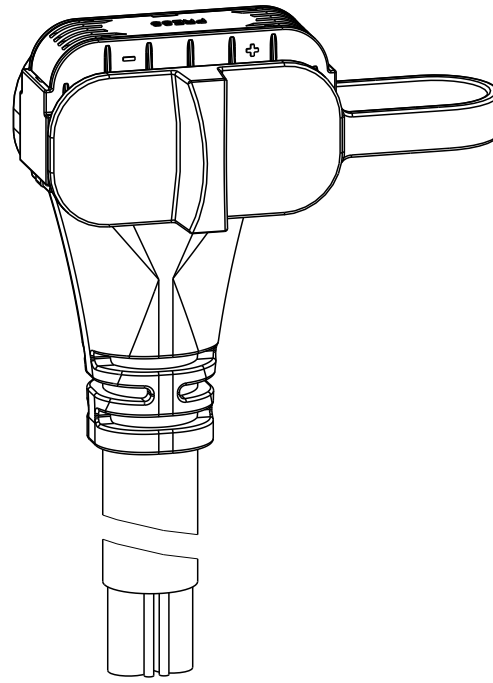
Creo File:ELX-WC-A3C, REV F, 2020-12-21

For information only. This is a preliminary customer document that is subject to change without notice.

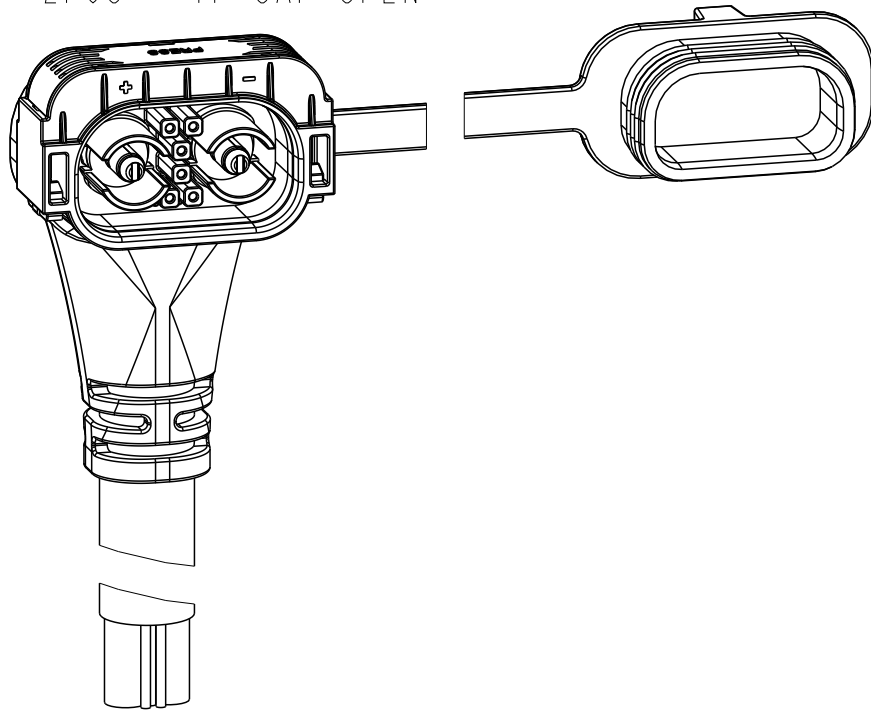
2P4S - IP CAP OPEN



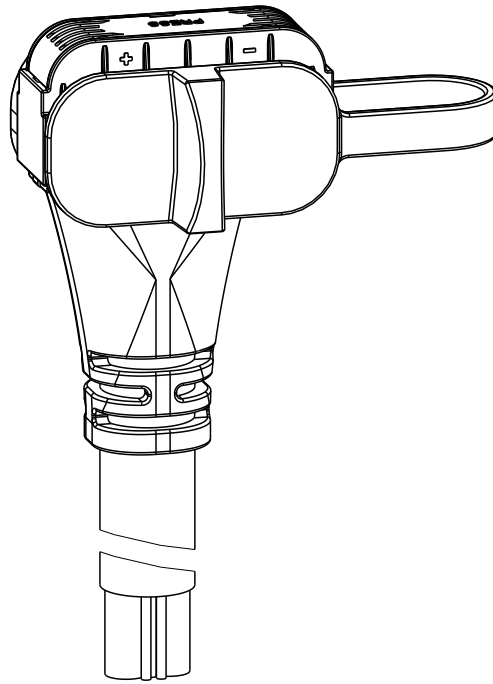
2P4S - IP CAP CLOSED



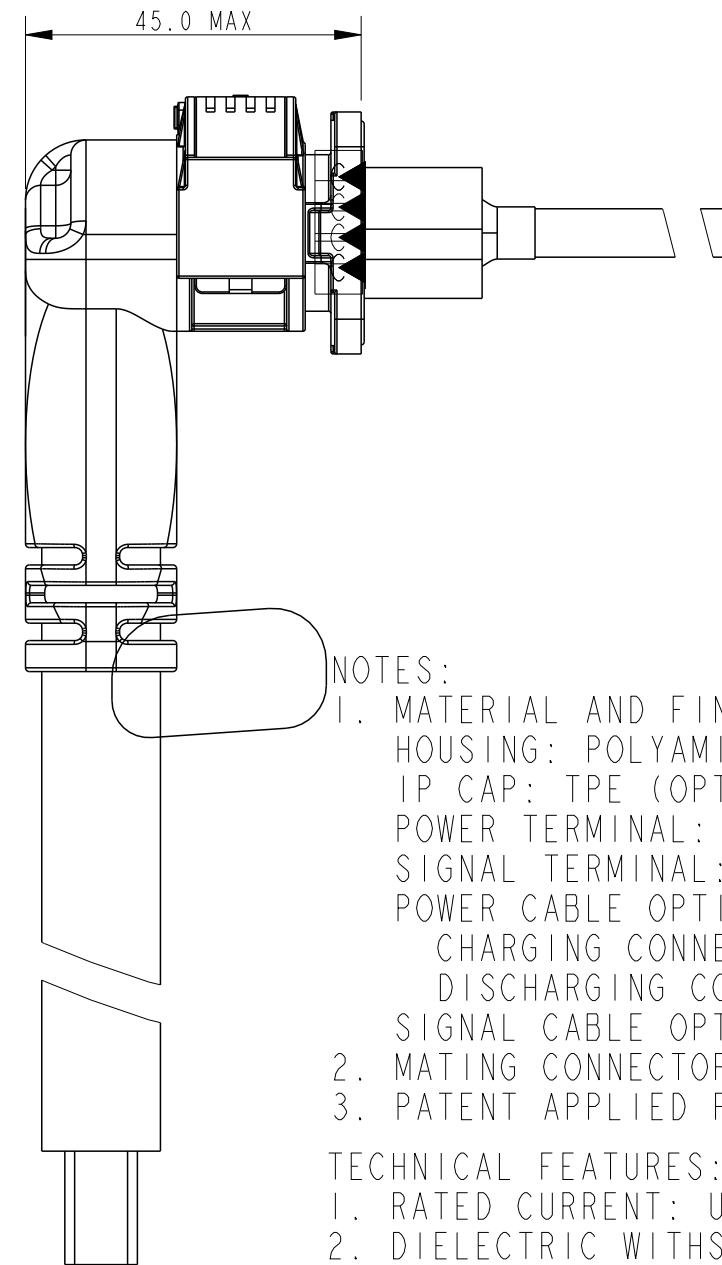
2P6S - IP CAP OPEN



2P6S - IP CAP CLOSED



MATED CONDITION



NOTES:

1. MATERIAL AND FINISH
HOUSING: POLYAMIDE THERMOPLASTIC
IP CAP: TPE (OPTIONAL)
POWER TERMINAL: AG OVER CU ALLOY
SIGNAL TERMINAL: AU OVER CU ALLOY
POWER CABLE OPTIONS:
CHARGING CONNECTOR: 1.5/2.5 SQMM
DISCHARGING CONNECTOR: 10/16 SQMM
SIGNAL CABLE OPTIONS: 0.35/0.50 SQMM
2. MATING CONNECTOR DRAWING: 10169537
3. PATENT APPLIED FOR.

TECHNICAL FEATURES:

1. RATED CURRENT: UPTO 70 A
2. DIELECTRIC WITHSTANDING VOLTAGE: 500 VDC
3. INSULATION RESISTANCE: >1 GΩ
4. FLAMMABILITY RATING: UL 94 V-0
5. DURABILITY: 10,000 MATING CYCLES
6. IP RATING: IP67, MATED & UNMATED
7. OPERATING TEMPERATURE: -20 TO 90 °C

COLOUR TABLE

PIN	2P4S	2P6S
+	ORANGE	ORANGE
-	BLACK	BLACK
1	BLUE	ORANGE
2	ORANGE	BROWN
3	BROWN	BLUE
4	GREEN	GREEN
5	-	RED (B)
6	-	WHITE

spec ref				dr	Prakash, Pravi	2022/12/30			mm	size	A3	scale	1:1
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	-	2022/12/31			ecn no	-			
				chr	-	-							
				appr	-	-	product family			-	rel level	Preliminary	
surface ISO 1302	linear	0.X	±0.5	Amphenol FCI	title PLUG ASSEMBLY	dwg no	10169536	rev	p t c _ w m - 1				
		0.XX	±0.25										
		0.XXX	±										
	angular	0°	±°	cat. no.	-	Product - Customer Drw			sheet 2 of 2				