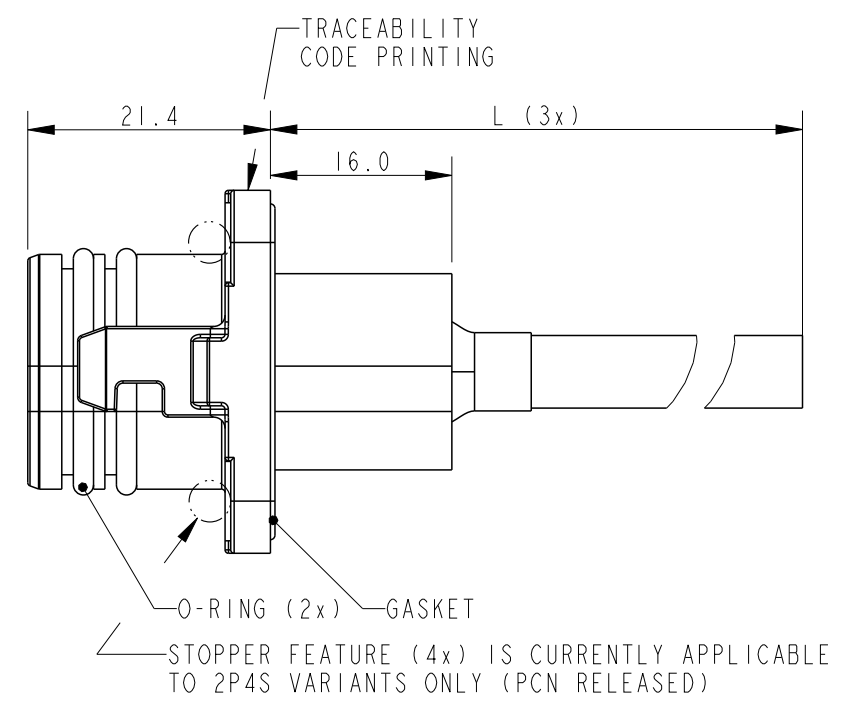
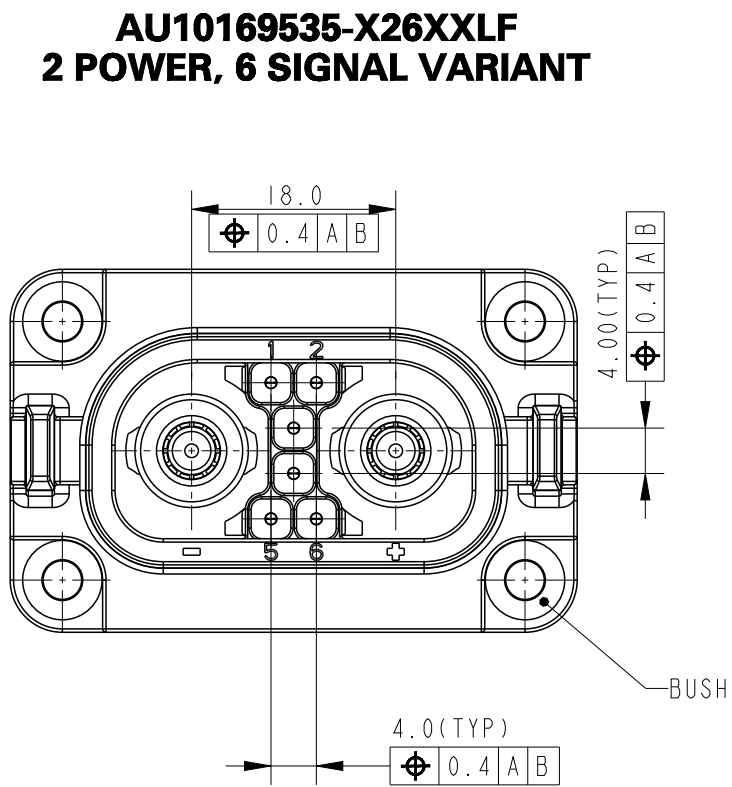
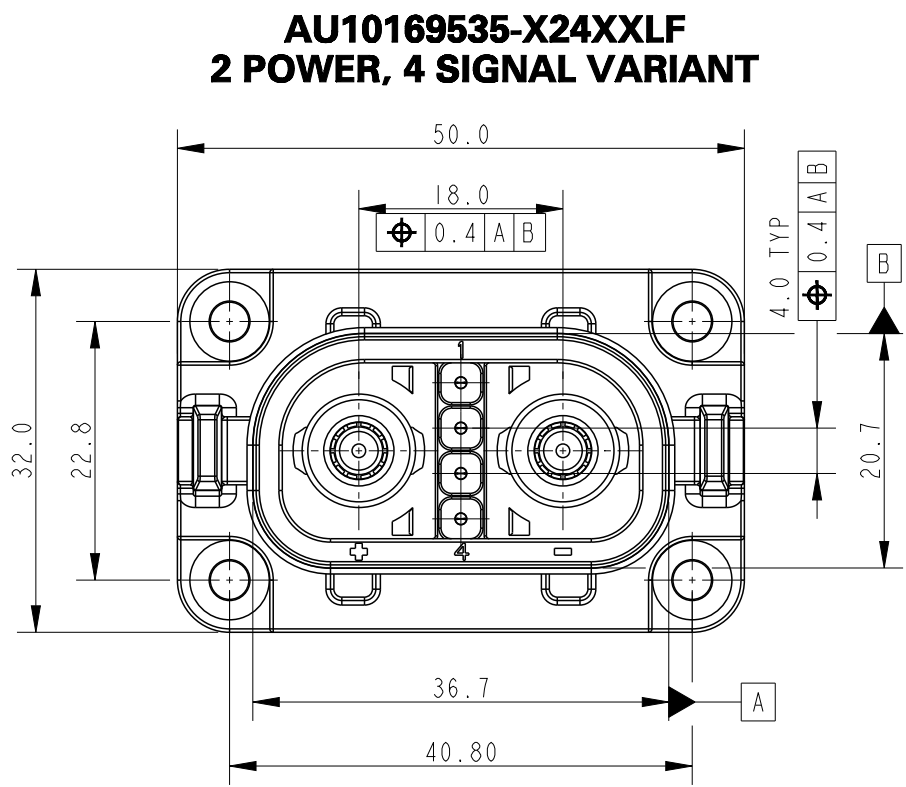


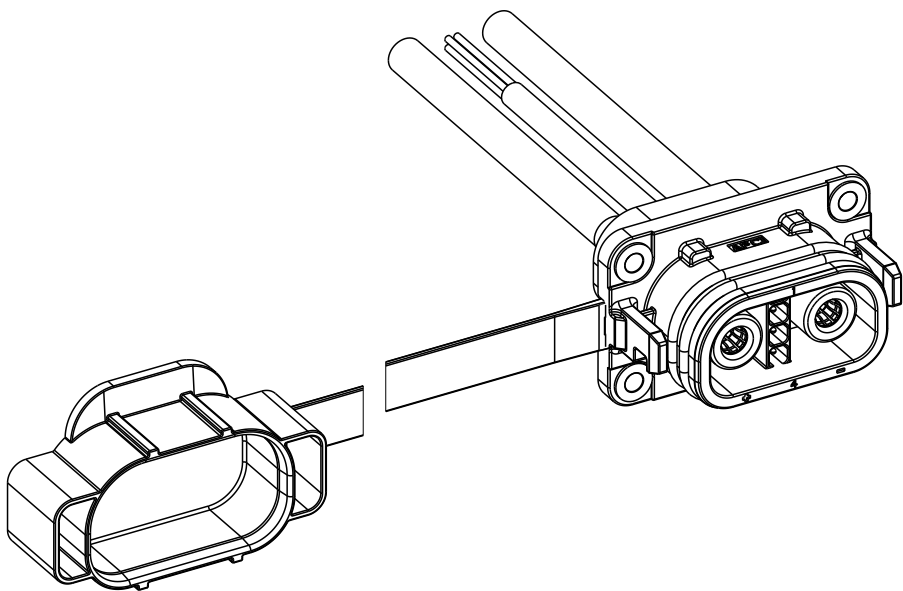


NOTE:
SIGNAL MULTICORE CABLE SHEATH REMOVED FOR 50⁺⁵₀
AT FREE END

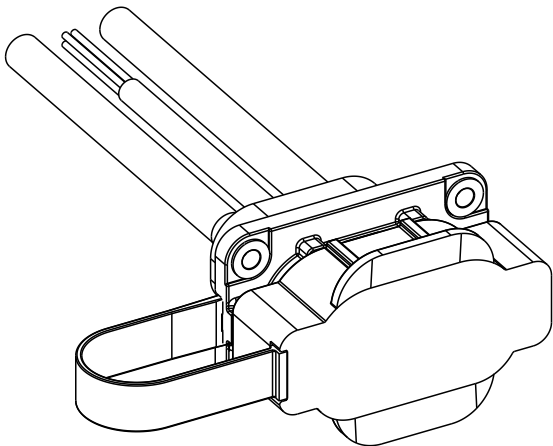
CABLE LENGTH TOLERANCE TABLE	
LENGTH	TOLERANCE
<=0.3 M	+25 MM -0 MM
>0.3 M - 1.5 M	+50 MM -0 MM
>1.5 M - 3 M	+100 MM -0 MM
>3.0 M - 7.5 M	+ 150 MM - 0 MM

spec ref				dr	Prakash, Pravi	2022/12/30			size	A3	scale	1:1	
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	A Srikar	2024/01/25			ecn no	ELX-I-50484-1			
				chr	-	-							
				appr	P-Mathew Nebu	2024/01/24							product family
surface ISO 1302	linear	0.X	±0.1	Amphenol FCi	title SOCKET ASSEMBLY DURAEV	dwg no	10169537		rev B				
		0.XX	±0.05										
		0.XXX	±										
	angular	0°	±°							amphenol-icc.com	cat. no.	-	Product - Customer Drw

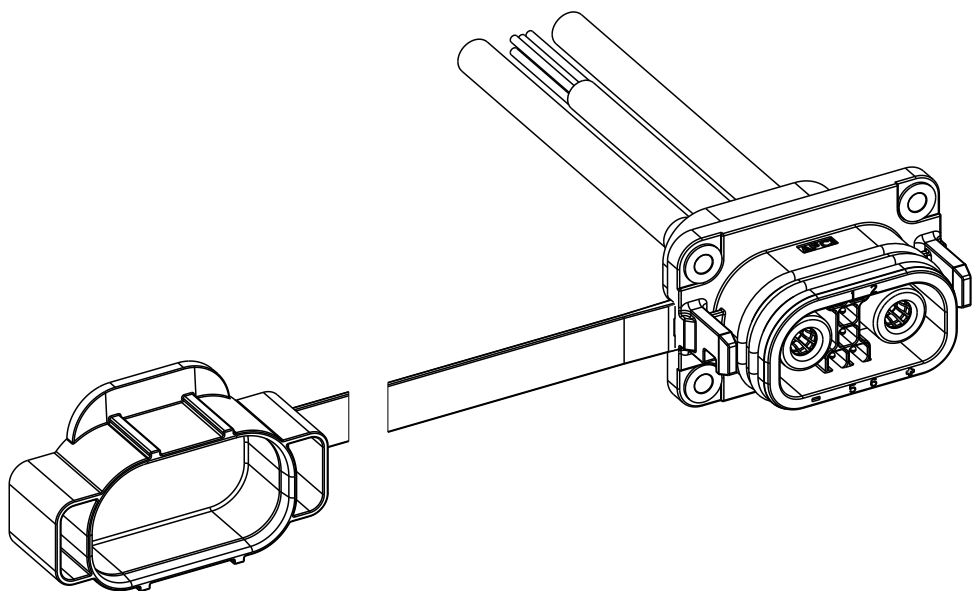
2P4S - IP CAP OPEN



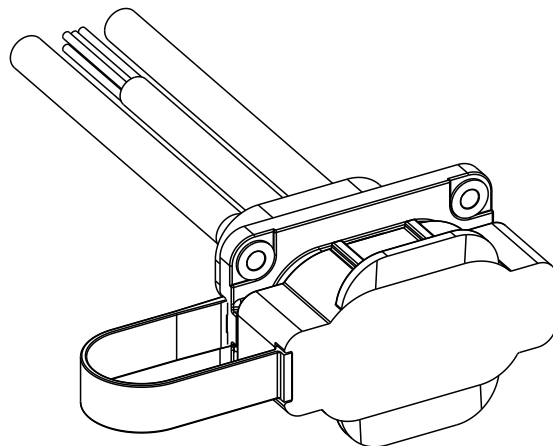
2P4S - IP CAP CLOSED



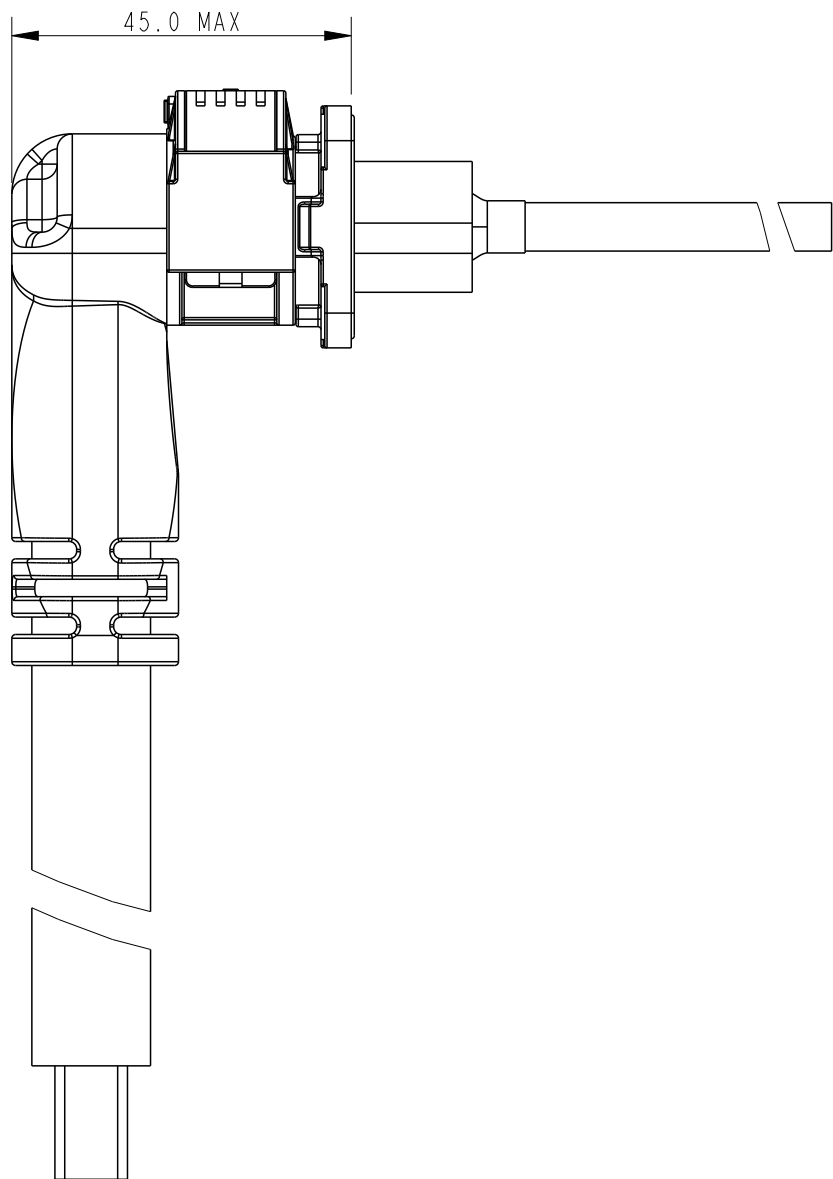
2P6S - IP CAP OPEN



2P6S - IP CAP CLOSED



MATED CONDITION



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		eng		A Srikar		2024/01/25						ecn no		ELX-I-50484-1							
ISO 406 ISO 1101		chr		-		-						rel level		Released							
		appr		P-Mathew Nebu		2024/01/24		product family		-											
surface ISO 1302		linear		0.X		±0.1		Amphenol FCI		title		SOCKET ASSEMBLY		dwg no		10169537		rev		B	
				0.XX		±0.05															
				0.XXX		±															
		angular		0°		±°		amphenol-icc.com		cat. no.		-		Product - Customer Drw		sheet 2 of 4					

AU

AUTOMOTIVE

1016953X

BASE NUMBER

4	PLUG
5	SOCKET
8	PLUG WITH IP CAP

RATED CURRENT (A)

G	50
J	70
K	12
M	20
N	15
P	25

NO. OF POWER CONTACTS

NO. OF SIGNAL CONTACTS

4
6

J

2

4

C

B

LF

WIRE LENGTH

A	0.15M
B	0.20M
C	0.35M
D	0.50M
E	1.00M
F	1.50M
G	2.00M
H	0.60M
J	0.90M
K	0.12M
L	0.55M
M	0.75M
N	1.20M
P	0.30M
Q	0.45M
R	2.25M
S	0.175M
T	1.70M
U	3.00M
V	0.40M
W	0.17M
Y	0.80M
Z	1.75M
2	5.0M

LEAD-FREE

WIRE TYPE

	SIZE	CURRENT(A)	REFERENCE AWG
A	FLRY-B -2.5 SQMM	25	14
B	FLRY-B -10 SQMM	50	8
C	FLRY-B -16 SQMM	70	6
D	FLRY-B -1.5 SQMM	15	16
E	FLRY-C -8 SQMM	50	8
F	SILICONE-10 SQMM	50	8

spec ref

tolerance std
ISO 406
ISO 1101

TOLERANCES UNLESS
OTHERWISE SPECIFIED

surface

ISO 1302

linear

angular

0.X

0.XX

0.XXX

0°

±0.1

±0.05

±

±°

dr

Prakash, Pravi

2022/12/30

eng

A Srikar

2024/01/25

chr

-

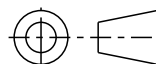
-

appr

P-Mathew Nebu

2024/01/24

projection



mm

size

A3

scale

1:1

ecn no

ELX-I-50484-1

rel level

Released

Amphenol
FCi

SOCKET ASSEMBLY
DURAEV

amphenol-icc.com

cat. no.

-

Product - Customer Drw

sheet 4 of 4

dwg no

10169537

rev

B