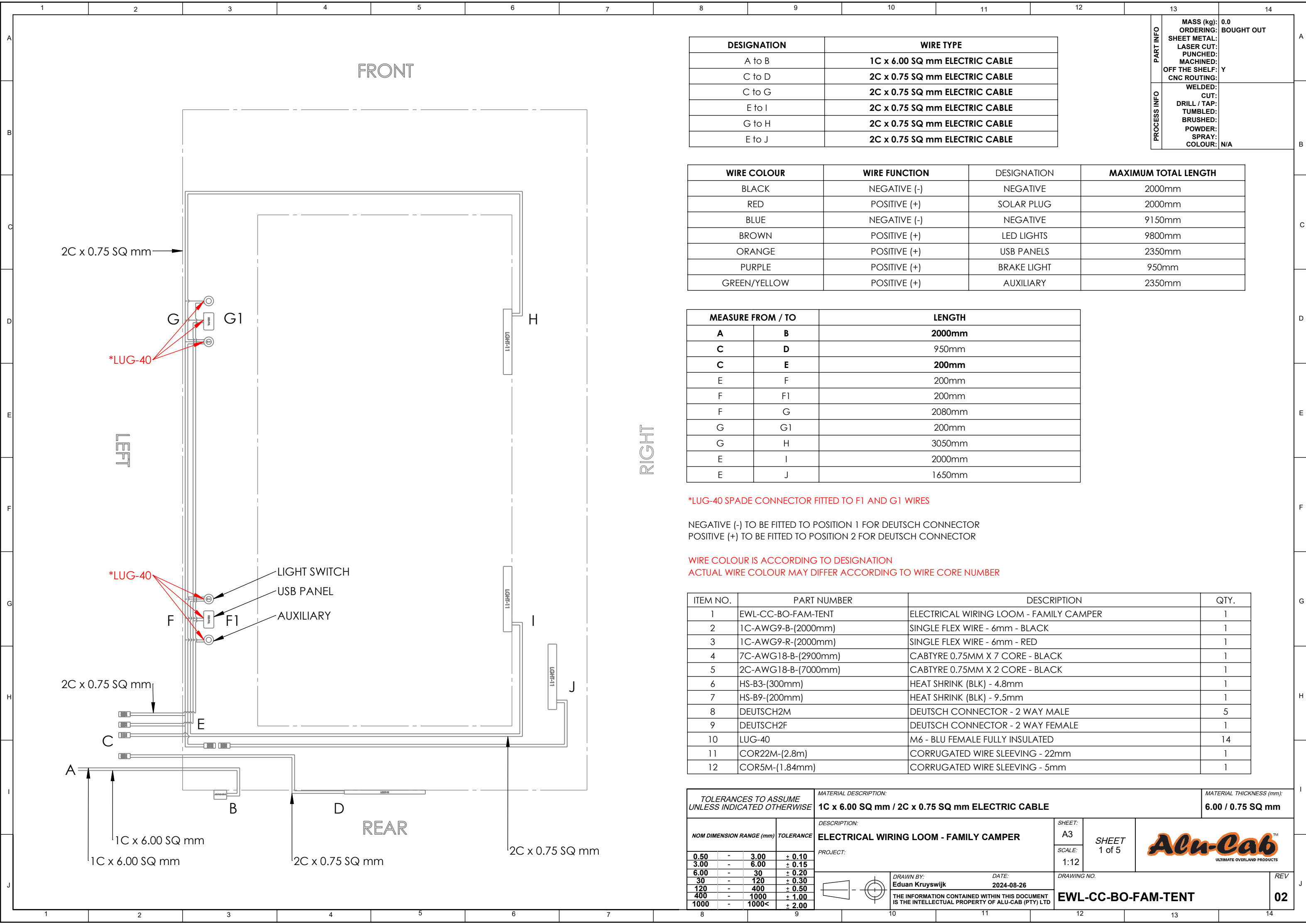




DESIGNATION	WIRE TYPE
A to B	1C x 6.00 SQ mm ELECTRIC CABLE
C to D	2C x 0.75 SQ mm ELECTRIC CABLE
C to G	2C x 0.75 SQ mm ELECTRIC CABLE
E to I	2C x 0.75 SQ mm ELECTRIC CABLE
G to H	2C x 0.75 SQ mm ELECTRIC CABLE
E to J	2C x 0.75 SQ mm ELECTRIC CABLE

PART INFO	MASS (kg): ORDERING: SHEET METAL: LASER CUT: PUNCHED: MACHINED: OFF THE SHELF: CNC ROUTING:	0.0 BOUGHT OUT Y
	WELDED: CUT: DRILL / TAP: TUMBLED: BRUSHED: POWDER: SPRAY: COLOUR:	 N/A

WIRE COLOUR	WIRE FUNCTION	DESIGNATION	MAXIMUM TOTAL LENGTH
BLACK	NEGATIVE (-)	NEGATIVE	2000mm
RED	POSITIVE (+)	SOLAR PLUG	2000mm
BLUE	NEGATIVE (-)	NEGATIVE	9150mm
BROWN	POSITIVE (+)	LED LIGHTS	9800mm
ORANGE	POSITIVE (+)	USB PANELS	2350mm
PURPLE	POSITIVE (+)	BRAKE LIGHT	950mm
GREEN/YELLOW	POSITIVE (+)	AUXILIARY	2350mm

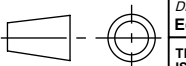
MEASURE FROM / TO		LENGTH
A	B	2000mm
C	D	950mm
C	E	200mm
E	F	200mm
F	F1	200mm
F	G	2080mm
G	G1	200mm
G	H	3050mm
E	I	2000mm
E	J	1650mm

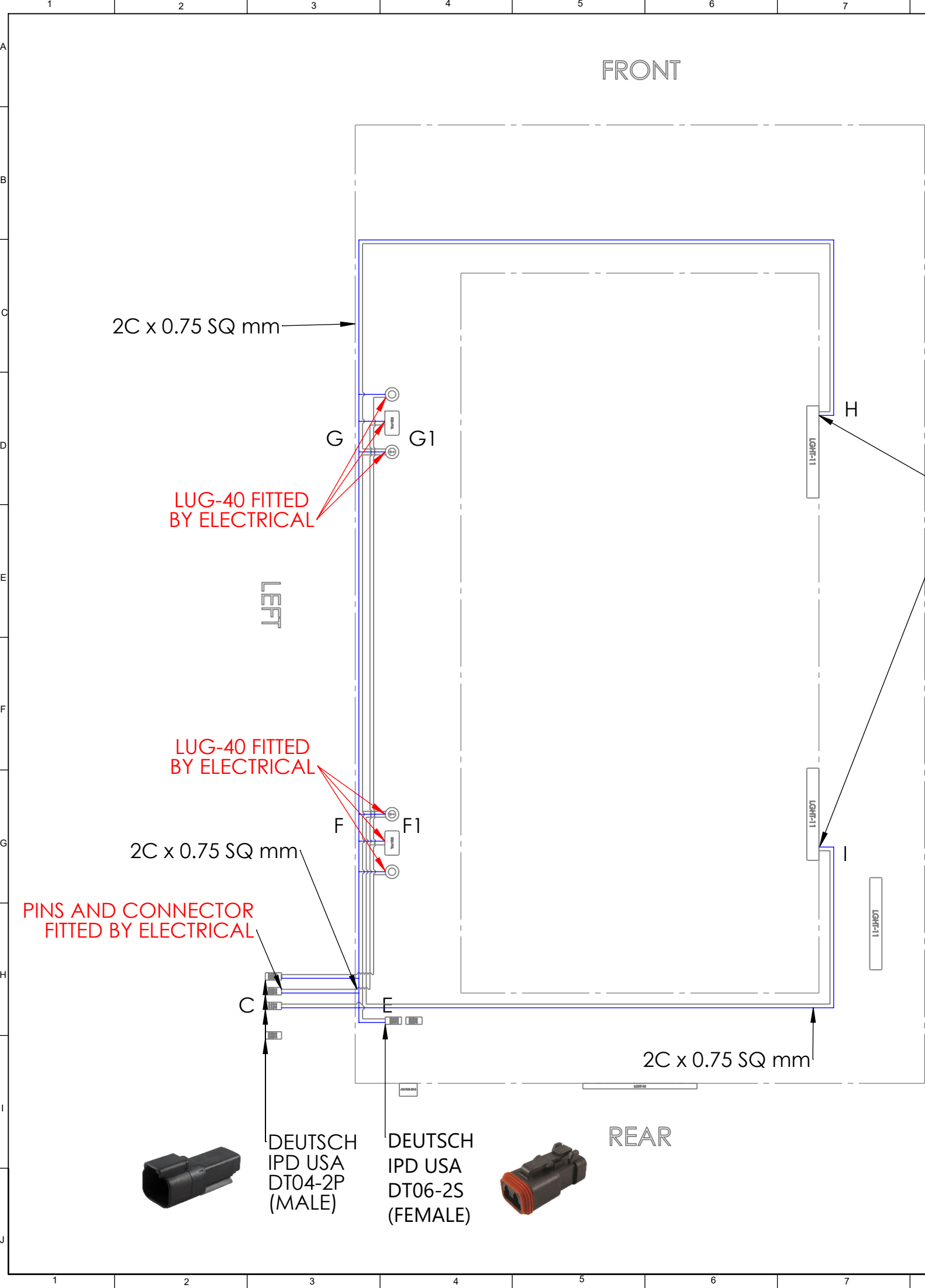
*LUG-40 SPADE CONNECTOR FITTED TO F1 AND G1 WIRES

NEGATIVE (-) TO BE FITTED TO POSITION 1 FOR DEUTSCH CONNECTOR
POSITIVE (+) TO BE FITTED TO POSITION 2 FOR DEUTSCH CONNECTOR

WIRE COLOUR IS ACCORDING TO DESIGNATION
ACTUAL WIRE COLOUR MAY DIFFER ACCORDING TO WIRE CORE NUMBER

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	EWL-CC-BO-FAM-TENT	ELECTRICAL WIRING LOOM - FAMILY CAMPER	1
2	1C-AWG9-B-(2000mm)	SINGLE FLEX WIRE - 6mm - BLACK	1
3	1C-AWG9-R-(2000mm)	SINGLE FLEX WIRE - 6mm - RED	1
4	7C-AWG18-B-(2900mm)	CABTYRE 0.75MM X 7 CORE - BLACK	1
5	2C-AWG18-B-(7000mm)	CABTYRE 0.75MM X 2 CORE - BLACK	1
6	HS-B3-(300mm)	HEAT SHRINK (BLK) - 4.8mm	1
7	HS-B9-(200mm)	HEAT SHRINK (BLK) - 9.5mm	1
8	DEUTSCH2M	DEUTSCH CONNECTOR - 2 WAY MALE	5
9	DEUTSCH2F	DEUTSCH CONNECTOR - 2 WAY FEMALE	1
10	LUG-40	M6 - BLU FEMALE FULLY INSULATED	14
11	COR22M-(2.8m)	CORRUGATED WIRE SLEEVING - 22mm	1
12	COR5M-(1.84mm)	CORRUGATED WIRE SLEEVING - 5mm	1

TOLERANCES TO ASSUME UNLESS INDICATED OTHERWISE				MATERIAL DESCRIPTION: 1C x 6.00 SQ mm / 2C x 0.75 SQ mm ELECTRIC CABLE				MATERIAL THICKNESS (mm): 6.00 / 0.75 SQ mm	
NOM DIMENSION RANGE (mm)		TOLERANCE		DESCRIPTION: ELECTRICAL WIRING LOOM - FAMILY CAMPER		SHEET: A3	SHEET 1 of 5	 ULTIMATE OVERLAND PRODUCTS	
PROJECT:				SCALE: 1:12					
0.50	-	3.00	± 0.10			DRAWN BY: Eduan Kruyswijk		DATE: 2024-08-26	
3.00	-	6.00	± 0.15			THE INFORMATION CONTAINED WITHIN THIS DOCUMENT IS THE INTELLECTUAL PROPERTY OF ALU-CAB (PTY) LTD		DRAWING NO. EWL-CC-BO-FAM-TENT	
6.00	-	30	± 0.20						
30	-	120	± 0.30						
120	-	400	± 0.50						
400	-	1000	± 1.00						
1000	-	1000<	± 2.00						



PART INFO	MASS (kg):	0.0
	ORDERING:	BOUGHT OUT
PROCESS INFO	SHEET METAL:	
	LASER CUT:	
OFF THE SHELF:	PUNCHED:	
	MACHINED:	
CNC ROUTING:	Y	
WELDED:	CUT:	
	DRILL / TAP:	
TUMBLING:	BRUSHED:	
	POWDER:	
SPRAY:	COLOUR:	N/A

MEASURE FROM / TO		LENGTH
C	E	200mm
E	F	750mm
F	F1	200mm
F	G	1000mm
G	G1	200mm
G	H	3050mm
E	I	2000mm

*LUG-40 SPADE CONNECTOR FITTED TO F1 AND G1 WIRES

NEGATIVE (-) TO BE FITTED TO POSITION 1 FOR DEUTSCH CONNECTOR
POSITIVE (+) TO BE FITTED TO POSITION 2 FOR DEUTSCH CONNECTOR

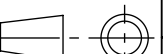
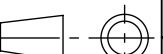
WIRE COLOUR IS ACCORDING TO DESIGNATION
ACTUAL WIRE COLOUR MAY DIFFER ACCORDING TO WIRE CORE NUMBER

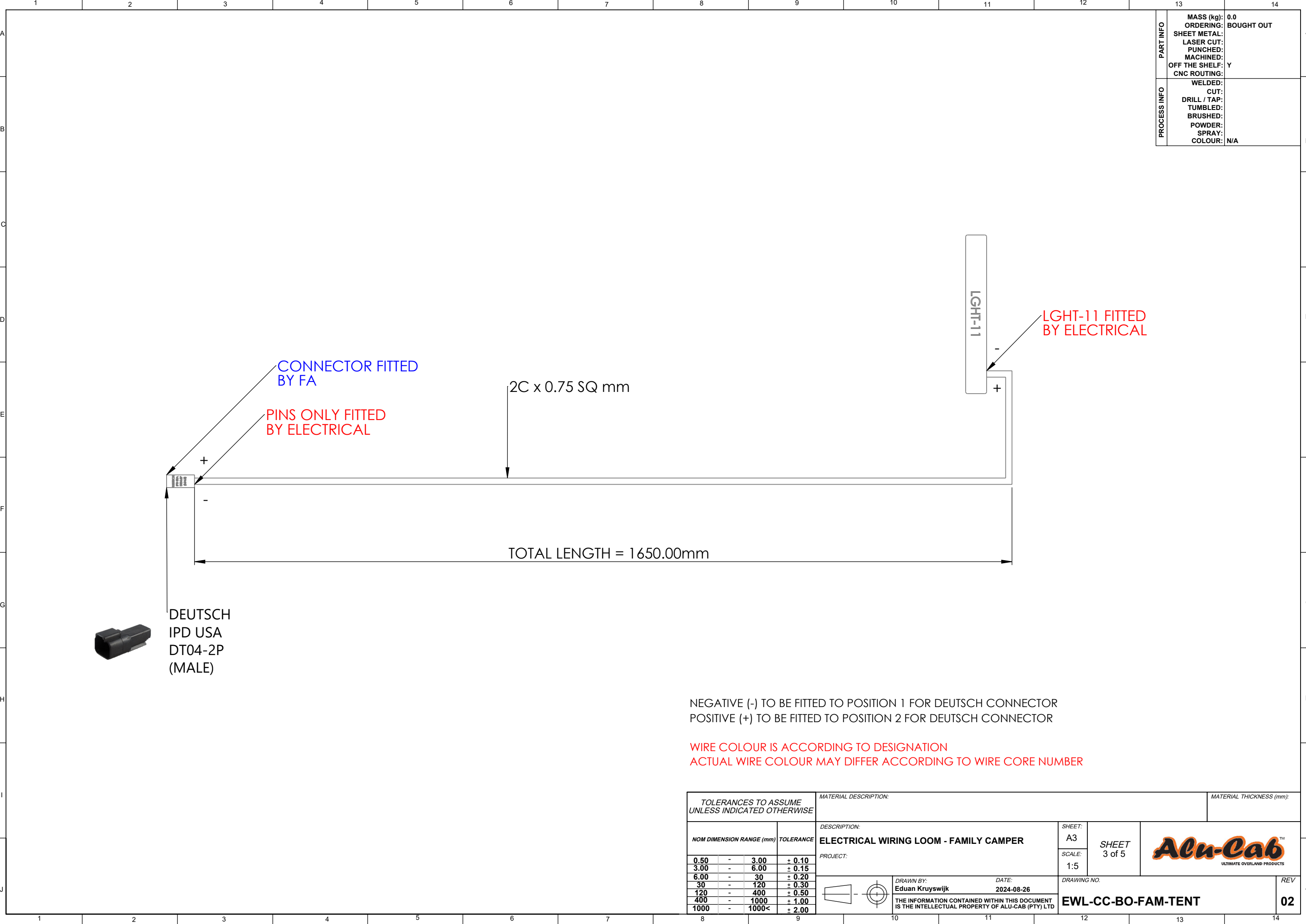


DEUTSCH
IPD USA
DT04-2P
(MALE)



DEUTSCH
IPD USA
DT06-2S
(FEMALE)

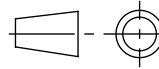
TOLERANCES TO ASSUME UNLESS INDICATED OTHERWISE				MATERIAL DESCRIPTION: 2C x 0.75 SQ mm ELECTRIC CABLE				MATERIAL THICKNESS (mm): 0.75 SQ mm		
NOM DIMENSION RANGE (mm)		TOLERANCE		DESCRIPTION: ELECTRICAL WIRING LOOM - FAMILY CAMPER			SHEET: A3	SHEET 2 of 5	 ULTIMATE OVERLAND PRODUCTS	
PROJECT:					SCALE: 1:12					
0.50 - 3.00		± 0.10					DRAWN BY: Eduan Kruyswijk		DATE: 2024-08-26	
3.00 - 6.00		± 0.15					THE INFORMATION CONTAINED WITHIN THIS DOCUMENT IS THE INTELLECTUAL PROPERTY OF ALU-CAB (PTY) LTD			
6.00 - 30		± 0.20						DRAWING NO.		REV
30 - 120		± 0.30						EWL-CC-BO-FAM-TENT		02
120 - 400		± 0.50								
400 - 1000		± 1.00								
1000 - 1000<		± 2.00								

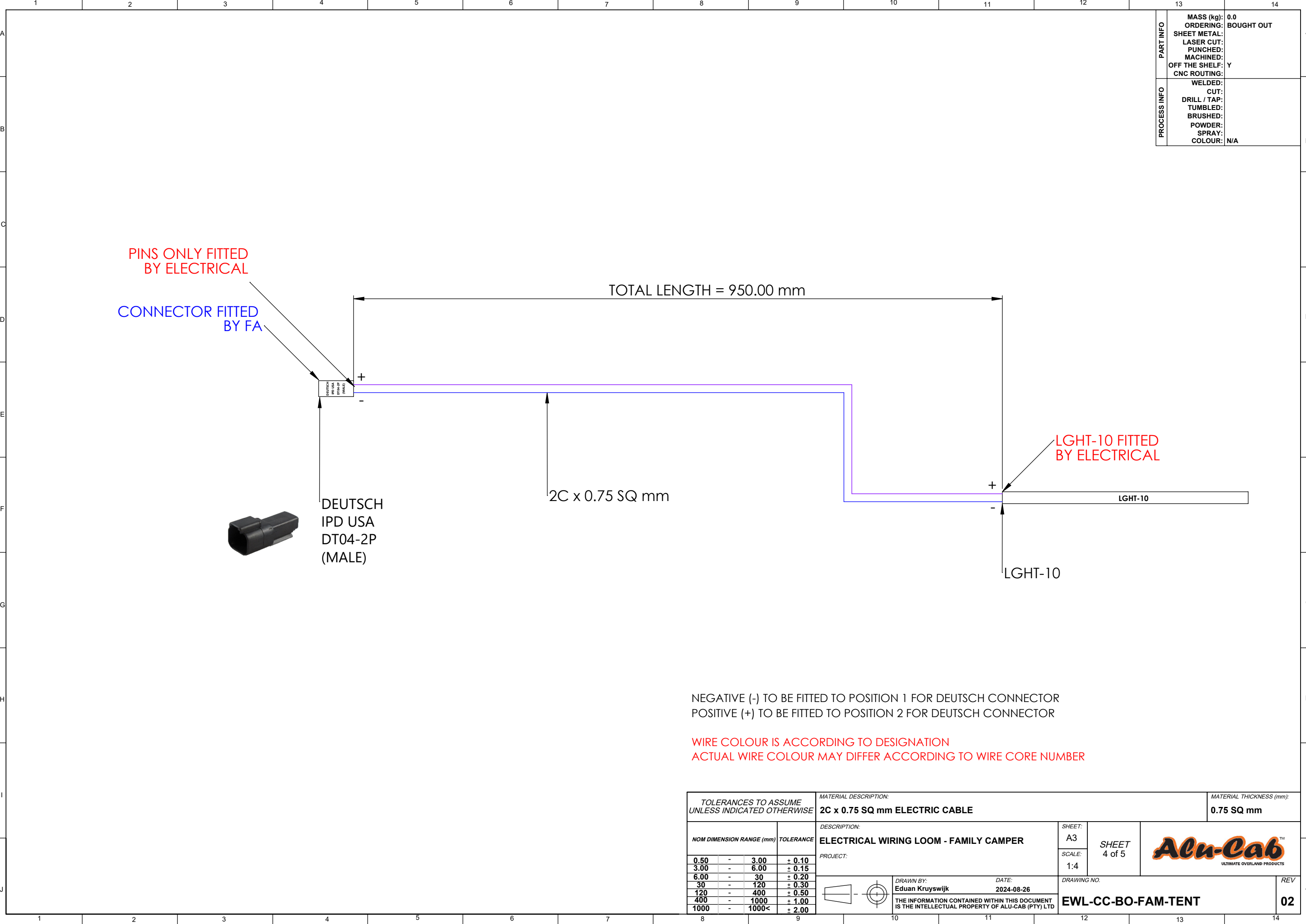


PART INFO	MASS (kg): ORDERING: SHEET METAL: LASER CUT: PUNCHED: MACHINED: OFF THE SHELF: CNC ROUTING:	0.0 BOUGHT OUT Y
	WELDED: CUT: DRILL / TAP: TUMBLED: BRUSHED: POWDER: SPRAY: COLOUR:	 N/A

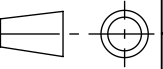
NEGATIVE (-) TO BE FITTED TO POSITION 1 FOR DEUTSCH CONNECTOR
POSITIVE (+) TO BE FITTED TO POSITION 2 FOR DEUTSCH CONNECTOR

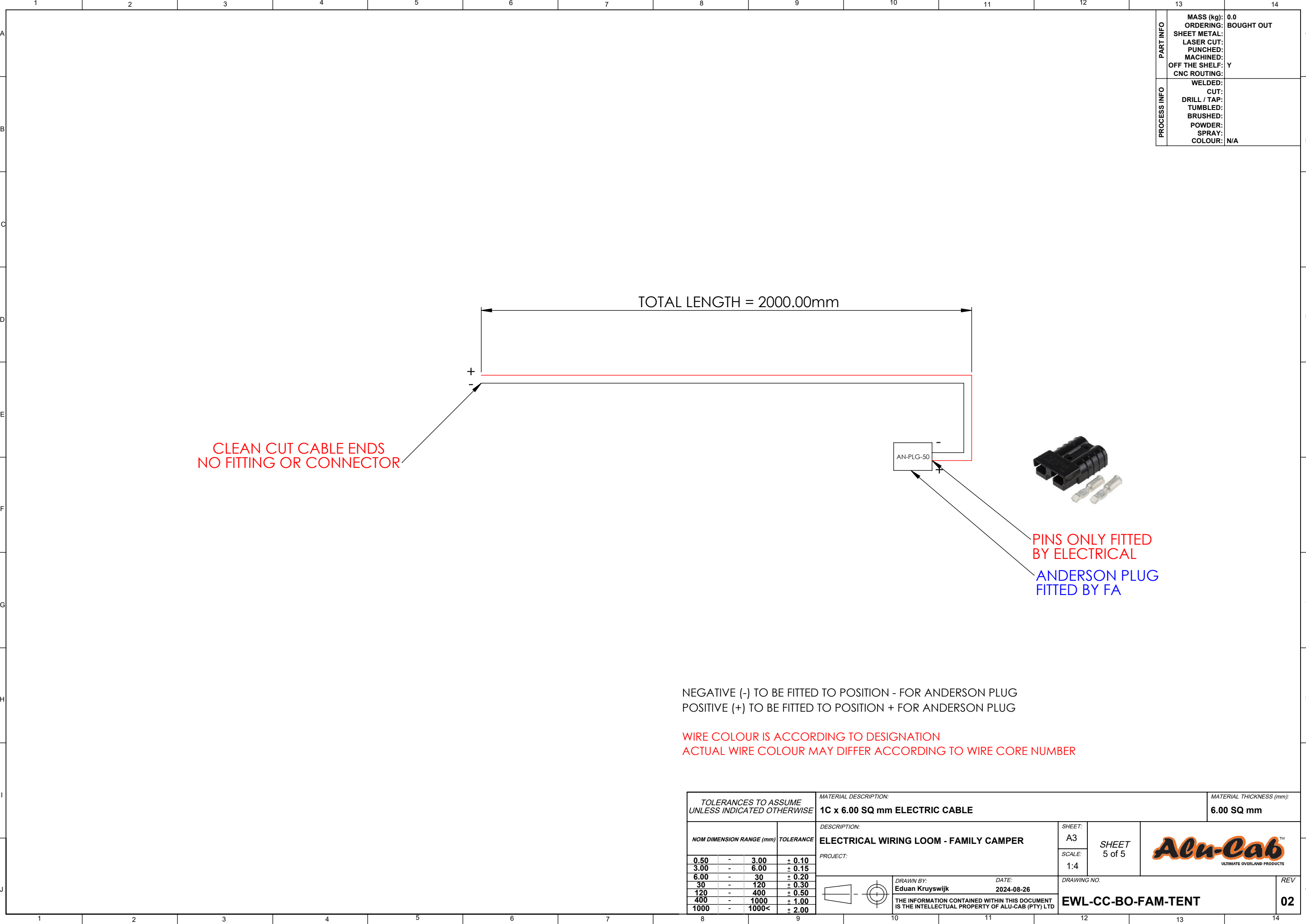
WIRE COLOUR IS ACCORDING TO DESIGNATION
ACTUAL WIRE COLOUR MAY DIFFER ACCORDING TO WIRE CORE NUMBER

TOLERANCES TO ASSUME UNLESS INDICATED OTHERWISE				MATERIAL DESCRIPTION:					MATERIAL THICKNESS (mm):		
NOM DIMENSION RANGE (mm)		TOLERANCE		DESCRIPTION: ELECTRICAL WIRING LOOM - FAMILY CAMPER PROJECT:				SHEET: A3	SHEET 3 of 5		
0.50 - 3.00		± 0.10						SCALE: 1:5			
3.00 - 6.00		± 0.15						DRAWN BY: Eduan Kruyswijk		DATE: 2024-08-26	
6.00 - 30		± 0.20						THE INFORMATION CONTAINED WITHIN THIS DOCUMENT IS THE INTELLECTUAL PROPERTY OF ALU-CAB (PTY) LTD			
30 - 120		± 0.30									
120 - 400		± 0.50									
400 - 1000		± 1.00									
1000 - 1000<		± 2.00						DRAWING NO.		REV	
								EWL-CC-BO-FAM-TENT		02	



PART INFO	MASS (kg):	0.0
	ORDERING:	BOUGHT OUT
PROCESS INFO	SHEET METAL:	
	LASER CUT:	
OFF THE SHELF:	PUNCHED:	
	MACHINED:	Y
CNC ROUTING:	WELDED:	
	CUT:	
DRILL / TAP:	TUMBLED:	
	BRUSHED:	
POWDER:	SPRAY:	
	COLOUR:	N/A

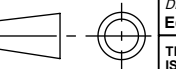
TOLERANCES TO ASSUME UNLESS INDICATED OTHERWISE				MATERIAL DESCRIPTION: 2C x 0.75 SQ mm ELECTRIC CABLE					MATERIAL THICKNESS (mm): 0.75 SQ mm							
NOM DIMENSION RANGE (mm)		TOLERANCE		DESCRIPTION: ELECTRICAL WIRING LOOM - FAMILY CAMPER PROJECT:				SHEET: A3	SHEET 4 of 5	 ULTIMATE OVERLAND PRODUCTS						
0.50 - 3.00		± 0.10						SCALE: 1:4								
3.00 - 6.00		± 0.15						DRAWN BY: Eduan Kruyswijk		DATE: 2024-08-26		DRAWING NO.		REV 02		
6.00 - 30		± 0.20						THE INFORMATION CONTAINED WITHIN THIS DOCUMENT IS THE INTELLECTUAL PROPERTY OF ALU-CAB (PTY) LTD				EWL-CC-BO-FAM-TENT				
30 - 120		± 0.30														
120 - 400		± 0.50														
400 - 1000		± 1.00														
1000 - 1000<		± 2.00														



PART INFO	MASS (kg):	0.0
	ORDERING:	BOUGHT OUT
PROCESS INFO	SHEET METAL:	
	LASER CUT:	
	PUNCHED:	
	MACHINED:	
	OFF THE SHELF:	Y
	CNC ROUTING:	
PROCESS INFO	WELDED:	
	CUT:	
	DRILL / TAP:	
	TUMBLED:	
	BRUSHED:	
	POWDER:	
PROCESS INFO	SPRAY:	
	COLOUR:	N/A

NEGATIVE (-) TO BE FITTED TO POSITION - FOR ANDERSON PLUG
POSITIVE (+) TO BE FITTED TO POSITION + FOR ANDERSON PLUG

WIRE COLOUR IS ACCORDING TO DESIGNATION
ACTUAL WIRE COLOUR MAY DIFFER ACCORDING TO WIRE CORE NUMBER

TOLERANCES TO ASSUME UNLESS INDICATED OTHERWISE				MATERIAL DESCRIPTION: 1C x 6.00 SQ mm ELECTRIC CABLE						MATERIAL THICKNESS (mm): 6.00 SQ mm					
NOM DIMENSION RANGE (mm)			TOLERANCE	DESCRIPTION: ELECTRICAL WIRING LOOM - FAMILY CAMPER PROJECT:					SHEET: A3	SHEET 5 of 5	 ULTIMATE OVERLAND PRODUCTS				
									SCALE: 1:4						
0.50 - 3.00			± 0.10						DRAWN BY: Eduan Kruyswijk		DATE: 2024-08-26		DRAWING NO. EWL-CC-BO-FAM-TENT		REV 02
3.00 - 6.00			± 0.15						THE INFORMATION CONTAINED WITHIN THIS DOCUMENT IS THE INTELLECTUAL PROPERTY OF ALU-CAB (PTY) LTD						
6.00 - 30			± 0.20												
30 - 120			± 0.30												
120 - 400			± 0.50												
400 - 1000			± 1.00												
1000 - 1000<			± 2.00												