

Examples

Example #1

Created: January 25, 2023

BOM

Type	Part number	Vendor	Quantity	Units
housing	housing-1		4	pcs
pin	pin 0.35-1	TE	3	pcs
wire	FLRY-A0.50-RD		800	mm
wire	FLRY-A0.75-BL		1000	mm

Connectors

Code	Description	Gender	Pin count	Part numbers
C1F	conn-1	female	1	housing-1
C2F	conn-2	female	1	housing-1
C3F	conn-3	female	1	housing-1
C4F	conn-4	female	1	housing-1

Signals on C1F

Connector	Pin	Signal	Description	Wire
C1F	1	W-1	Signal #1	0.50mm ² red, 0.75mm ² blue

Signals on C2F

Connector	Pin	Signal	Description	Wire
C2F	1	W-1	Signal #1	0.50mm ² red

Signals on C3F

Connector	Pin	Signal	Description	Wire
C3F	1	W-1	Signal #1	0.50mm ² red

Signals on C4F

Connector	Pin	Signal	Description	Wire
C4F	1	W-1	Signal #1	0.75mm ² blue

'W-1' wiring SOP

Type	Pin/Wire PN	Seal PN	Length	Wire	Color	Notes
pin	???					Inserted into C1F/1. Splice joint (1/2)
wire	FLRY-A0.50-RD		200mm	0.50mm ²	RD	Through J1
pin	pin 0.35-1					Inserted into C2F/1
wire	FLRY-A0.50-RD		600mm	0.50mm ²	RD	Through J1 J2
pin	pin 0.35-1					Inserted into C3F/1
pin	???					Inserted into C1F/1. Splice joint (2/2)
wire	FLRY-A0.75-BL		1000mm	0.75mm ²	BU	Through J1 J2
pin	pin 0.35-1					Inserted into C4F/1

'C1F' SOP

Component	Part number	Quantity	Note
housing	housing-1	1	

'C2F' SOP

Component	Part number	Quantity	Note
housing	housing-1	1	

'C3F' SOP

Component	Part number	Quantity	Note
housing	housing-1	1	

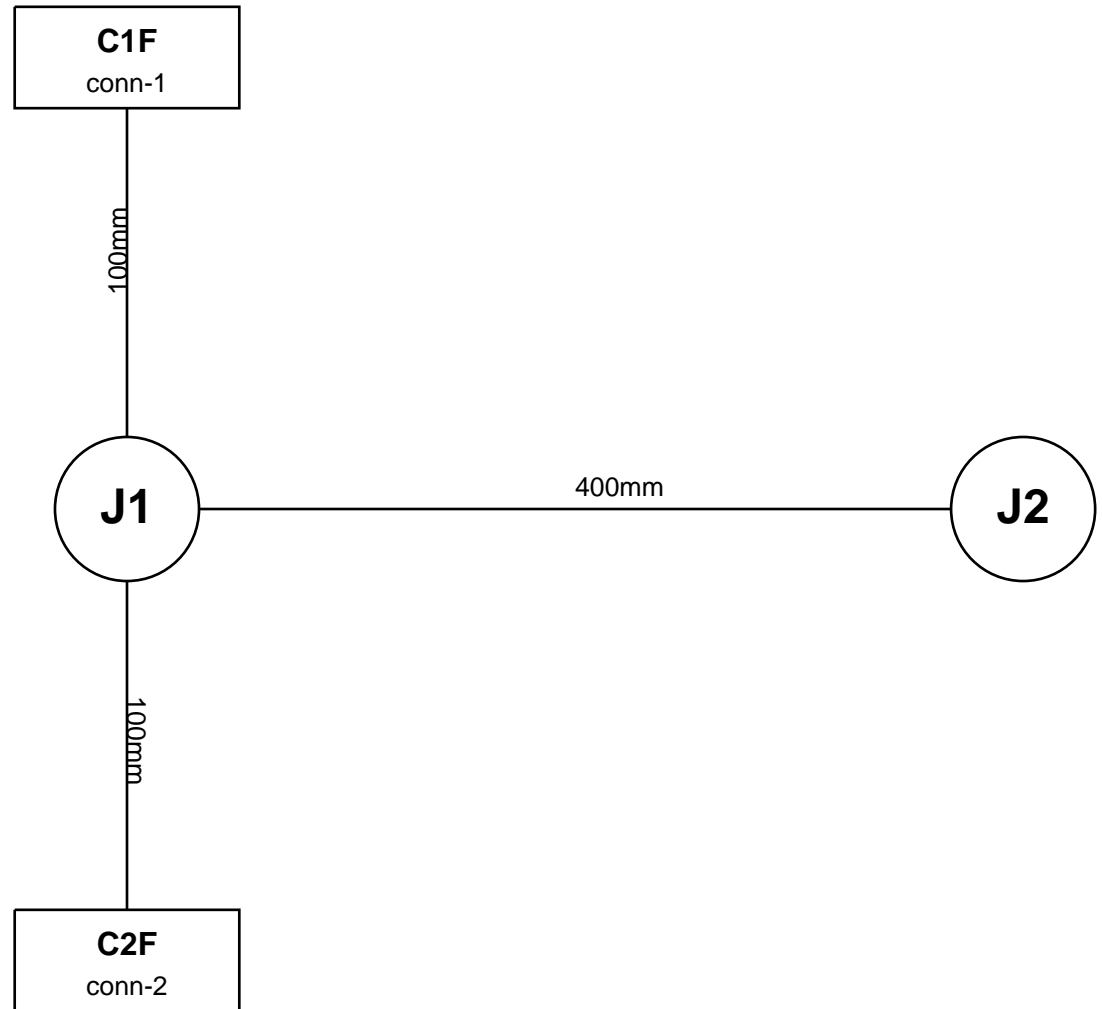
'C4F' SOP

Component	Part number	Quantity	Note
housing	housing-1	1	

Signals

Signal	Description	Wire	Color	Connectors
W-1	Signal #1	0.50mm ²	red	C1F C2F C3F
W-1	Signal #1	0.75mm ²	blue	C1F C4F

Layout of J1 - C1F, C2F, J2



Layout of J2 - C3F, C4F

