



10 CONNECTOR A		
JST GHR-10V-S / Contact: SSSL-002T-P0.2		
Contact Resistance	mΩ	≤30
Contact Material	Phosphor bronze, Tin plated	
Contact Carrier Material	n. a.	
Connector Body Material	PBT, natural (white), UL94V-0	
Protection Class	n. a.	
Pin No.	Colour	Function
1	RD	INPUT1
2	GN	INPUT2
3	BN	INPUT3
4	GY	INPUT4
5	WH	OUTPUT1
6	YE	OUTPUT2
7	OG	ANALOG INPUT1
8	WH (UL1061)	UART TX
9	BU (UL1061)	UART RX
10	BK	GND

30 CONNECTOR B		
JST PAP-06V-S / Contact: SPHD-002T-P0.5		
Contact Resistance	mΩ	≤30
Contact Material	Phosphor bronze, Tin plated	
Contact Carrier Material	n. a.	
Connector Body Material	PA66, natural (white), UL94V-0	
Protection Class	n. a.	
Pin No.	Colour	Function
1	BK (UL1061)	GND
2	n.c.	-
3	n.c.	-
4	BU (UL1061)	UART Rx
5	WH (UL1061)	UART Tx
6	n.c.	-

20 CABLE SPECIFICATION		
Cable Length	mm	500
Cable Diameter	mm	5.6
Cable Material	PVC	
Cable Color	Grey	
Conductor Insulation	SRPVC	
Conductor / Cross - Section	8xAWG26	
UL Type	UL2464	
Shielded	Yes	
Bending Radius (flexible)	min. 15 xØ	
Bending Radius (stationary)	min. 12 xØ	

ISO 8015	ISO 1302	ISO 2768 cK	ISO 13715	Weight: ~0.03 kg	
			Date	Name	
			Drawn	17.03.2021	Schneid_A
			Reviewed	12.04.2021	Reith_S
			Released	12.04.2021	Reith_S
01	change connector	Reith_S	30.04.2021	20000914	
REV	Rev. Text	Name	Date		
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