



10 CONNECTOR A		
JST PADP-12V-1-S / Contact: SPH-002T-P0.5L		
Contact Resistance	mΩ	≤10
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	GND
2	RD	Vcc
3	GN	A
4	WH	B
5	BN	A\
6	GY	B\
7	OG	I
8	YE	I\
9	BU	H1
10	VT	H2
11	PK	H3
12	GN/WH	SHIELDING

20 CABLE SPECIFICATION		
Cable Length	mm	500
Cable Diameter	mm	5.8
Cable Material	PVC	
Cable Color	Grey	
Conductor Insulation	SRPVC	
Conductor / Cross - Section	12xAWG28	
UL Type	UL2464	
Shielded	Yes	
Bending Radius (flexible)	min. 15 xØ	
Bending Radius (stationary)	min. 12 xØ	

GENERAL SPECIFICATION		
Rated Current	A	1.0
Rated Voltage	VAC/ DC	50
Insulation Resistance	MΩ	≥ 5
Ambient Temperature in stationary application	°C	-20 ... 80
Storage Temperature	°C	-30 ... 80

ISO 8015		ISO 1302		ISO 2768 cK		ISO 13715	
				Date	Name		
				Drawn	24.04.2018	Schneid_A	
				Reviewed	02.12.2020	Reith_S	
				Released	02.12.2020	Reith_S	
03	revise drawing	Schneid_A	03.02.2021				
REV	Rev. Text	Name	Date				

		Weight: ~0.03 kg	
		ZK-PADP-12-500-S	
State: Released		Rev: 03	CONFIDENTIAL