



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

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
			18.04.2018
			Schneid_A
			Reviewed
			02.02.2021
			Reith_S
			Released
			02.02.2021
			Reith_S
02	revise drawing	Schneid_A	03.02.2021
REV	Rev. Text	Name	Date

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 (wh), UL94V-0
Protection Class		n. a.

Pin No.	Colour	Function
1	GN/WH	SHIELDING
2	GN	A
3	BN	A\
4	GY	B\
5	WH	B
6	YE	I\
7	OG	I
8	BK	GND
9	RD	VCC
10	GN/WH	SHIELDING

30 CONNECTOR B		
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	n.c.	n.c.
10	n.c.	n.c.
11	n.c.	n.c.
12	GN/WH	SHIELDING

Weight: ~0.03 kg	
ZK-NOE-10-500-S-PADP	
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State: Released	Rev: 02
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