



10 CONNECTOR A			30 CONNECTOR B		
Molex CLIK-Mate 5023801200 / Contact: CLIK-Mate 5023810000			JST PADP-12V-1-S / Contact: SPH-002T-P0.5L		
Contact Resistance	mΩ	n. a.	Contact Resistance	mΩ	≤10
Contact Material	Copper alloy, Tin plated		Contact Material	Phosphor bronze, Tin plated	
Contact Carrier Material	n. a.		Contact Carrier Material	n. a.	
Connector Body Material	Polyester		Connector Body Material	PA66, natural (white), UL94V-0	
Protection Class	n. a.		Protection Class	n. a.	
Pin No.	Colour	Function	Pin No.	Colour	Function
1	RD	Ub	1	BK	GND
2	GN	A\	2	RD	Vcc
3	BN	A	3	BN	A
4	WH	B\	4	GY	B
5	GY	B	5	GN	A\
6	OG	I\	6	WH	B\
7	YE	I	7	YE	I
8	BU	H1	8	OG	I\
9	VT	H2	9	BU	H1
10	PK	H3	10	VT	H2
11	LT GN	Preset	11	PK	H3
12	BK	GND	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	Weight: -	kg
			Date	Name	
			Drawn	20.05.2021	Schneid_A
			Reviewed	26.05.2021	Reith_S
			Released	26.05.2021	Reith_S
REV	Rev. Text	Name	Date	20001063	
				State: Released	Rev: 00 CONFIDENTIAL



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