



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

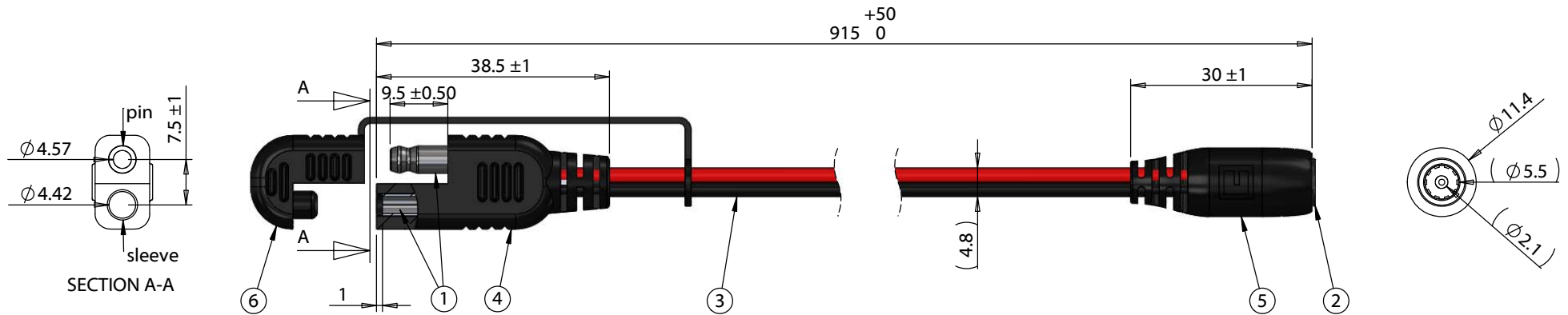
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ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	COMPONENT NOTES
1	50-00550	Connector, 4.75x10.2mm SAE, brass nickel plated, molding type	1	
2	50-00541	Connector, dc jack, 5.5x2.1x17.6 mm, molding style, spring contacts, nickel plated, 105° C	1	
3	30-00792	Wire, 2C TS, 16 AWG, UL2651, 300V, 105C, 4.8 mm, VW-1, PVC, red and black	1	
4	24-00176	Overmold, SAE connector, PVC, black	1	black, 105 °C
5	24-00004	Overmold, PVC	1	black, 105 °C
6	55-00059	Dust cap, SAE connector, overmold fit	1	black, 105 °C



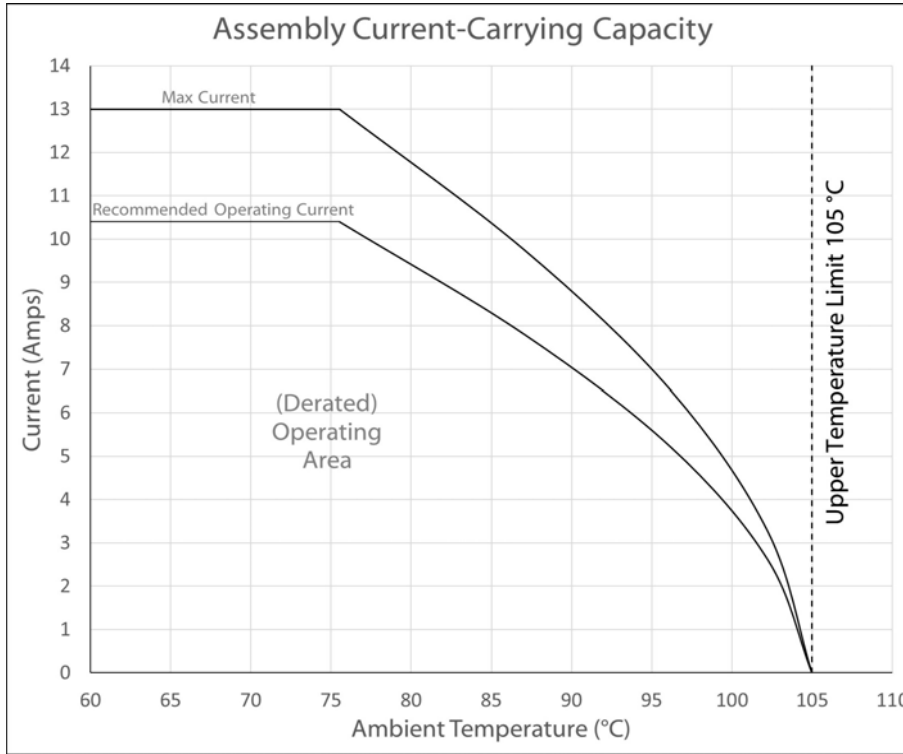
**Notes:**  
Functionally equivalent components may be substituted

Wiring Diagram		
50-00550	wire color	50-00541
pin	red (+)	center
sleeve	black (-)	sleeve

Revision:	Date:	Description:	Prepared:	Notes:	<h1>TENSILITY</h1> tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com
A	1/16/2017	Initial release	DN <small>Digitally signed by DN Date: 2017.04.27 13:53:01 -07'00'</small>		
			Verified:	Function test: no open, no short circuit, no intermittent	Size: Part number: A 10-02402
			GL <small>Digitally signed by GL Date: 2017.04.27 15:26:42 -07'00'</small>		
			Dimensions are in millimeters. Tolerances: X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm	Description:	Scale: 1:1
				Cable, 915 mm, 50-00550 SAE to 5.5x2.1 mm 50-00541 dc jack, 16 AWG, UL2651, 30-00792, R-B wire, caps	Sheet 1 of 2

**Electrical Requirements**

Operating Voltage: 48 Vdc  
 Max Current: 13 A



Testing based on IEC 60512-5-2. Max current curve generated with isolated test article under controlled environmental conditions, and does not take into account external factors such as housings or circuitry. Recommended operating current curve (derated to 80% of max values) accounts for external factors, manufacturing variation, and error in temperature measurements.

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A	1/16/2017	Initial release	DN <small>Digitally signed by DN                  Date: 2017.04.27                  13:53:13 -07'00'</small>	RoHS and REACH compliant	
			Verified: GL <small>Digitally signed by GL                  Date: 2017.04.27                  15:28:53 -07'00'</small>	Function test: no open, no short circuit, no intermittent	Size: Part number: A 10-02402
			Dimensions are in millimeters. Tolerances: X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm	Description: Cable, 915 mm, 50-00550 SAE to 5.5x2.1 mm 50-00541 dc jack, 16 AWG, UL2651, 30-00792, R-B wire, caps	

