# imall

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

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832 Email & Skype: info@chipsmall.com Web: www.chipsmall.com Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



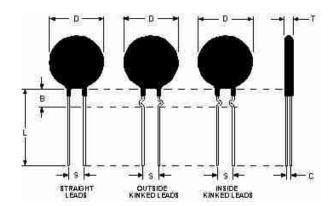


### Data Sheet MS35 1R040



#### Mechanical Specifications (mm)

D:	37.0	± max	
T:	11.0	± max	
Lead Diameter	2.5	± nom	
S:	19.0	± nom	
L:	39.0	± nom	
Coating Lead Run Down (straight Leads)	7.0	± max	
, з ў В:		±	
C:	7.50	± nom	



#### **Electrical Specifications**

Resistance:	1.0 Ω	± 25 %
Max Steady State Current upto 65°c:	40.00	А
Max Rec. Energy Rating:	800	J
Actual Failure Instantaneous Energy:	1400	J
Maximum Capacitance @ 120 VAC:	55,000	μf
Maximum Capacitance @ 240 VAC:	13,893	μf
Maximum Capacitance @ 440 VAC:	3,211	μf
Maximum Capacitance @ 680 VAC:	1,600	μf
Resistance @ 100% Max Current:	0.01	Ω
Resistance @ 50% Max Current:	0.03	Ω
Body Temperature at 100% Max Current:	215.00	°C
Dissipation Constant:	78.0	mw/°c
Thermal Time Constant:	240	Sec.
Material Type (for Beta and Curve):	В	

MS35 1R040		
Date: 11/11/2008	Drawn by: Erin Landis	
Ametherm, Inc. 3111 N. Deer Run Road Carson City, Nevada USA 89701 www.ametherm.com	Approved By: Mehdi Samii	
	Revison: A	