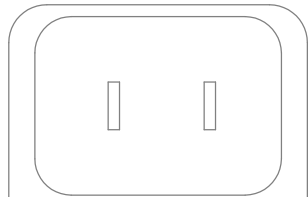


	Rating	Conditions
Input		
Input voltage	100 - 240 Vac	single phase
Frequency	50 - 60 Hz	
Steady ac current	0.2 A max	100 - 240 Vac
Inrush current	60 A max	240 Vac, cold start
Standby power	0.1 W max	115 or 230 Vac
Output		
No load output voltage	4.75 - 5.30 Vdc	
Full load output voltage	4.75 - 5.30 Vdc	1.0 A
Power	5 Watts continuous	all specified conditions
Ripple voltage	150 mV p-p at 1.0 A	20 MHz bandwidth oscilloscope, terminated with 0.1 μ F ceramic capacitor and 10 μ F electrolytic capacitor, 25 °C
Over current protection	105 - 200% of max load	
Short circuit protection	input power shutdown, auto-recovery after fault removed	output short
Reliability & Safety		
Leakage current	0.25 mA max	nominal ac input voltage and frequency
Burn-in test	2 hours	45 °C max at normal input voltage and rated load
Efficiency	DoE Level VI, 73.62% min	115 or 230 Vac
MTBF	30,000 hours min	MIL-HDBK-217F
Hi-Pot (primary to secondary)	3300 Vac, 5 mA max	3 seconds (production testing)
Hi-Pot (primary to secondary)	3000 Vac, 10 mA max	60 seconds (safety testing)
Insulation resistance	100 M Ω , primary to secondary	500 Vdc
Safety testing	UL 62368-1	
Mechanical		
Weight	67 \pm 10 g	
Environmental		
Operating temperature	0 to 45 °C	10 - 90% relative humidity
Storage temperature	-25 to 70 °C	5 - 95% relative humidity



AC/DC ADAPTER
 MODEL: TSA0601A-0501000USS
 INPUT: 100-240 V ~ 50/60 Hz 0.2 A max
 OUTPUT: 5 V = 1000 mA
 PN: 16-00265



Tensility International Corporation
 MADE IN CHINA D/C: YYWW

Not to Scale

Revision:	Date:	Description:	Prepared:	Notes: RoHS compliant Approvals:
A	11/09/2023	Initial release	Verified:	
			Dimensions are in millimeters. Tolerances: X: \pm 0.5 mm X.X: \pm 0.3 mm X.XX: \pm 0.05 mm	Description: Adapter, WP, 120V, US, 2P, 5V 1000 mA, 5.5x2.5x9.5 mm plug, 10-06037 cable, C+, Level VI, white

TENSILITY

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 fax 1.541.323.4202 web tensility.com

Size:	Part number:
A	16-00265
Scale: 1:1	Sheet 2 of 2