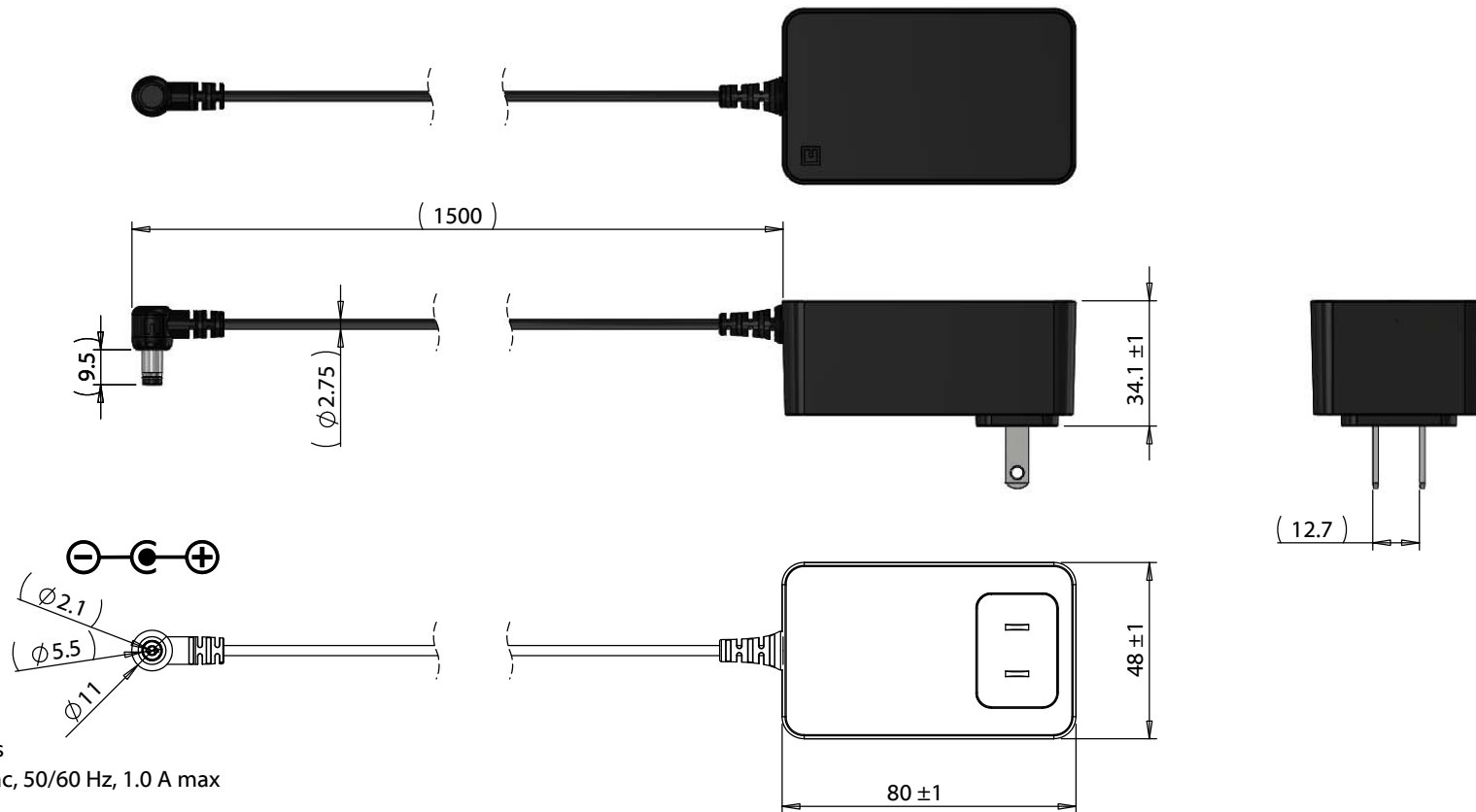


| ITEM NO. | PART NUMBER | DESCRIPTION | QTY. | COMPONENT NOTES |
|----------|----------------|--|------|-----------------|
| 1 | 26-00008 | Case, wall mount, ac-dc power supply, 80x48x34.6 mm, Nema 1-15P | 1 | |
| 2 | Nema 1-15 plug | NEMA 1-15 plug, nickel plated | 1 | |
| 3 | 10-03784 | Cable, 1500 mm, 5.5x2.1x9.5 mm 50-00133 90° plug to stripped tinned, 22 AWG, 30-00341 wire | 1 | |



Features:

Wattage: 36 W, continuous
 Input voltage: 100 - 240 Vac, 50/60 Hz, 1.0 A max
 Output voltage: 24 Vdc
 Output current: 1.5 A
 Efficiency: DoE Level VI
 Safety: UL 62368-1

| | | | | | |
|-----------|-----------|-----------------|--|--|---|
| Revision: | Date: | Description: | Prepared: | Notes: RoHS compliant Approvals: | tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com |
| A | 9/10/2020 | Initial release | Verified: | | |
| | | | Dimensions are in millimeters. Tolerances: X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm | Description: | Size: Part number: |
| | | | | Adapter, WP, 120V, US, 2P, 24V 1500 mA, 5.5x2.1x9.5 mm 90° plug, 10-03784 cable, C+, Level VI | A 16-00234 |
| | | | | | Scale: 1:2 Sheet 1 of 2 |

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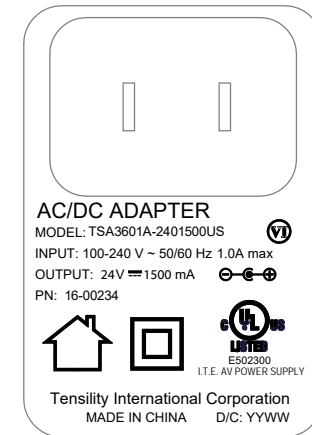
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| | Rating | Conditions |
|---------------------------------|---|---|
| Input | | |
| Input voltage | 100 - 240 Vac | single phase |
| Frequency | 50 - 60 Hz | |
| Steady ac current | 1.0 A max | 100 - 240 Vac |
| Inrush current | 60 A max | 240 Vac, cold start |
| Standby power | 0.1 W max | 115 or 230 Vac |
| Output | | |
| No load output voltage | 22.8 - 25.2 Vdc | |
| Full load output voltage | 22.8 - 25.2 Vdc | 1.5 A |
| Power | 36 Watts continuous | all specified conditions |
| Ripple voltage | 150 mV p-p at 1.5A | 20 MHz bandwidth oscilloscope, terminated with 0.1 μ F ceramic capacitor and 10 μ F electrolytic capacitor, 25 °C |
| Over current protection | 110 - 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 | 40 °C max at normal input voltage and rated load |
| Efficiency | DoE Level VI, 87.4% min | 115 or 230 Vac |
| MTBF | 50,000 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 | |
| Lightning surge | \pm 1KV (DM), \pm 2KV (CM) | IEC61000-4-5 |
| Mechanical | | |
| Weight | 142 \pm 10 g | |
| Environmental | | |
| Operating temperature | 0 to 40 °C | 10 - 90% relative humidity |
| Storage temperature | -25 to 70 °C | 5 - 95% relative humidity |



Not to Scale

| | | | | |
|-----------|-----------|-----------------|--|---|
| Revision: | Date: | Description: | Prepared: | Notes: |
| A | 9/10/2020 | Initial release | | RoHS compliant Approvals: |
| | | | Verified: | |
| | | | Dimensions are in millimeters. Tolerances: | Description: |
| | | | X: \pm 0.5 mm | Adapter, WP, 120V, US, 2P, 24V 1500 mA, |
| | | | X.X: \pm 0.3 mm | 5.5x2.1x9.5 mm 90° plug, 10-03784 cable, C+, Level VI |
| | | | X.XX: \pm 0.05 mm | |

TENSILITY

tel 1.541.323.3228 800 877.670.7118
fax 1.541.323.4202 web tensility.com

| | |
|--------|--------------|
| Size: | Part number: |
| A | 16-00234 |
| Scale: | 1:1 |
| | |
| | Sheet 2 of 2 |

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