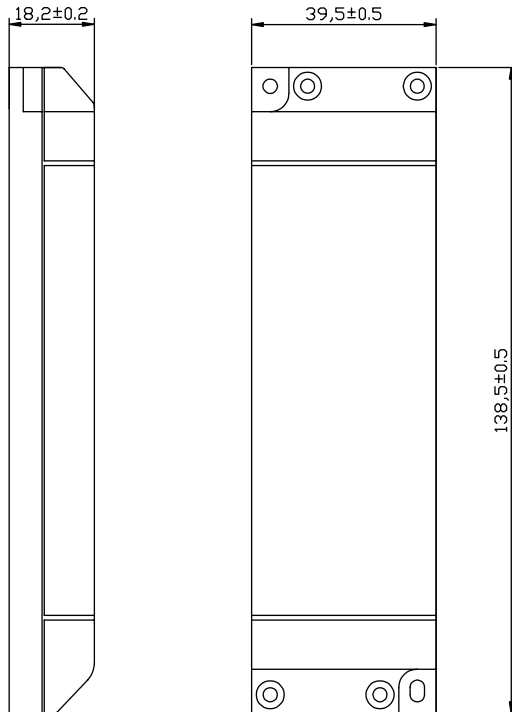


ARPV-SC7D-12012T (12V, 1A, 12W)

Drawing:



Input voltage: 100~240vac
Output voltage: 12VDC

Input Cable: TERMINAL
Output Cable: TERMINAL

Standard

Safety: UL1310 EN61347-1, EN61347-2-13

EMC: EN61547, EN55015, EN61000-3-2, EN61000-3

Relative humidity

85% RH. Non-condensing

Electronical specification

INPUT VOLTAGE: 100~240 Vac
INPUT RANGE VOLTAGE: 90~264 Vac
INPUT FREQUENCY: 50-60 Hz
INPUT RANGE FREQUENCY: 47~53 Hz
INPUT CURRENT: 0.19 Amp. rms. 100 Vac
INRUSH CURRENT: 20 Amp. peak at 100 Vac
30 Amp. peak at 100 Vac
Tested At Max. load 25°C , Cool state

OUTPUT VOLTAGE: 12 V
REGULATION: ± 5 %
MIN. LOAD CURRENT: 0 A
MAX. LOAD CURRENT: 1 A
POWER FACTOR ≥ 0.85 at 230 Vac /50 Hz Full Load .Meets IEC61000-3-2 Harmonic Class C
RIPPLE AND NOISE: 1.3 Vp-p Max. At 100 Vac, 60 Hz, Max. load 25□
NOISE TEST BANDWIDTH: 20 MHz

Each output bypassed by a 10uF electrolytic capacitor parallel with a 0.1uF ceramic capacitor to GND.

LINE REGULATION: INPUT = 100~240 Vac, output loaded at Max. load.
REGULATION = ± 5 %

TOTAL OUTPUT: 12 W
POWER EFFICIENCY: 75% Min. at 100~240 Vac 50~60 Hz, Max. load.
OVER CURRENT PROTECTION , SHORT CIRCUIT PROTECTION
OVER POWER PROTECTION : 20 W
OVER VOLTAGE PROTECTION : 15 Vdc Max.

Mechanical specification

DIMENSIONS: 138.5 (L) * 39.5 (W) * 18.2(H)mm (Tolerance as drawing)
WEIGHT: 80 g Max.
OPERATING TEMPERATURE: 0°C To 50°C
STORAGE TEMPERATURE: -20°C To 60°C
RELATIVE TEMPERATURE: 40°C ± 2°C
MTBF: 100,000 hrs to MIL-HDBK-217F; Warranty: 2 years