



# SA124H-XX

## 24W Switching Adapter Series

### Input

|                |                      |
|----------------|----------------------|
| Rated Voltage  | 100 - 240 VAC        |
| Max. Voltage   | 90 - 264 VAC         |
| Line Frequency | 47 - 63 Hz           |
| Current        | 800mA, at 100-240VAC |
| Configuration  | UL - 2PIN            |

### Output

| Model Name | Voltage | Current | Watt | Efficiency |
|------------|---------|---------|------|------------|
| SA124H-12  | 12V     | 2.0A    | 24W  | 80%        |
| SA124H-24  | 24V     | 1.0A    | 24W  | 80%        |

|                 |                          |
|-----------------|--------------------------|
| Line Regulation | Less than $\pm 2\%$      |
| Load Regulation | Less than $\pm 5\%$      |
| Protections     | OCP, OVP & Short circuit |
| Ripple Voltage  | 1%Vo.                    |

### Environment

|                    |                            |
|--------------------|----------------------------|
| Operating Temp.    | 0 - 40                     |
| Storage Temp.      | -20 - 80                   |
| Operating Humidity | 20% - 80% (Non-condensing) |

### Reliability

|        |                                  |
|--------|----------------------------------|
| MTBF   | 50,000 hrs (by MIL-217 Standard) |
| Safety | ITE: UL, cUL, PSE                |

### Others

|            |            |
|------------|------------|
| Package    | 80 pcs/box |
| Min. Order | 1K pcs/lot |
| Warranty   | 1 year     |

For reference only. For details please contact your local sales representative

### Electrical

|                         |  |
|-------------------------|--|
| Topology                | Switching Mode   |
| Hi-Pot                  | 3000 Vac/1sec @ 5mA<br>(primary - secondary)                           |
| Leakage Current         | 0.25mA, at 264VAC/60Hz   |
| Hold Up Time            | 10 mSec  |
| Standby Power           | 0.075 Watt   |
| Consumption             |  |
| EMI                     | Complies with EMI directives   |
| Energy Star Requirement | EU Efficiency Level : Tier 2 - 2016<br>& DoE 2.0 (Efficiency Level VI) |

### Mechanical

|               |                            |
|---------------|----------------------------|
| Case Size     | 75L x 34.2W x 49H mm       |
| Case Material | Black, 94V-1 or equivalent |
| Weight        | 135 $\pm$ 10 g             |
| DC Cord       | 4.92ft                     |

