

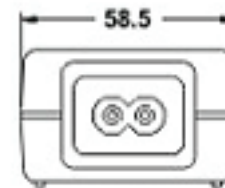
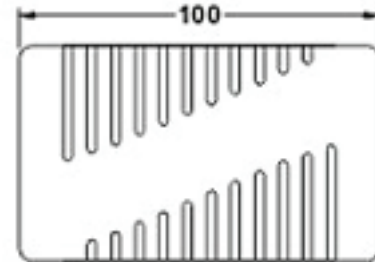
Specifications:

Input voltage
 Input frequency
 Input current
 Safety ground leakage current
 Output voltage
 Output current
 Output power range
 Ripple
 Over voltage protection
 Over current protection
 Temperature coefficient
 Transient response

Operating temperature
 Storage temperature
 Relative humidity
 Derating
 Efficiency
 Hold-up time
 Line regulation
 Load regulation
 Insulation resistance
 Inrush current
 Withstand voltage
 Mean time between failure
 Emi requirements
 Safety requirements
 Warranty

GSU15 Series:

100-240 VAC (Limits: 90-264VAC)
 47 to 63 Hz (Limits: 47-440 Hz)
 0.43A (rms) for 115VAC, 0.23A (rms) for 230 VAC
 0.5A max @ 240 VAC 50 Hz
 See rating chart (5% tolerance)
 See rating Chart
 15 watts maximum
 1% peak to peak maximum
 N/A
 All outputs protected to sort circuit conditions
 All outputs 0.04% / °C maximum
 Maximum excursion of 4% or better on all models.
 Recovering to 1% of final value within 500uS after a 25% step load change
 0 °C ~ +40 °C
 -40 °C ~ +85 °C
 5% ~ 95% non-condensing
 Derated from 100% at +40 °C linearly to 50% at 70 °C
 65% minimum at full output
 5 m sec minimum
 0.2% maximum for any input voltage change between input voltage range
 5% variations from minimum to maximum output current
 50 Mohm minimum from output to ground
 15 AMPS @ 115 VAC, or 30 AMPS @ 230 VAC at 25 °C cold start
 3000 VAC from input to output, 1500 VAC from output to ground
 100,000 hours minimum at full load at 25 °C ambient
 Meets conduction limits of (a) FCC PART 15 CLASS B (b) CISPR22.2
 Meets or Exceeds: (A) UL 1950 (B) CSA C22.2 (C) TUV EN60950 (D) IEC950
 1 year



SMP TECHNOLOGY, INC.

DESKTOP SWITCHING POWER SUPPLY, 12 - 15 WATT,

VENTLESS, UNIVERSAL INPUT VOLTAGE, SINGLE OUTPUT, PASS LPS

SERIES:GSU15

Pg: 1

STRAIGHT

MALE PLUG STRAIGHT (parallel cord)

| | Part Number | D +/-0.1 | | L+/-0.5 | Wire Gauge |
|--|-------------|----------|--|---------|------------|
| | SM1A | ø2.5 | | 11 | #22 #24 |
| | SM2A | ø3.5 | | 14 | #22 #24 |

MALE PLUG STRAIGHT (parallel/coaxial cord)

| | Part Number | D +/-0.1 | | L+/-0.5 | Wire Gauge |
|--|-------------|----------|--|---------|------------|
| | SM2B | ø3.5 | | 14 | #22 #24 |

FEMALE PLUG STRAIGHT (parallel cord)

| | Part Number | D +/-0.1 | d+/-0.1 | L+/-0.5 | Wire Gauge |
|------|-------------|----------|---------|---------|------------|
| | SF2A | ø3.5 | ø1.3 | 7 | #22 #24 |
| | SF2B | ø3.5 | ø1.3 | 9.5 | #22 #24 |
| | SF2C | ø3.5 | ø1.3 | 11 | #22 #24 |
| | SF2D | ø3.5 | ø1.3 | 14 | #22 #24 |
| | SF3A | ø5.0 | ø2.1 | 9.5 | #20 |
| | SF3B | ø5.0 | ø2.1 | 11 | #20 |
| | SF3C | ø5.0 | ø2.1 | 14 | #20 |
| | SF5C | ø5.5 | ø2.5 | 9.5 | #18,#20 |
| | SF5B | ø5.5 | ø2.5 | 11 | #18,#20 |
| SF5A | ø5.5 | ø2.5 | 14 | #18,#20 | |
| SF6A | ø6.5 | ø3.0 | 9.5 | #20 | |
| SF6B | ø6.5 | ø3.0 | 11 | #20 | |

FEMALE PLUG STRAIGHT (parallel cord)

| | Part Number | D +/-0.1 | d+/-0.1 | L+/-0.5 | Wire Gauge |
|------|-------------|----------|---------|---------|------------|
| | SF3D | ø5.0 | ø2.1 | 9.5 | #22 #24 |
| | SF3E | ø5.5 | ø2.1 | 11 | #22 #24 |
| | SF5D | ø5.5 | ø2.1 | 9.5 | #22 #24 |
| SF5E | ø5.5 | ø2.5 | 11 | #22 #24 | |

FEMALE PLUG STRAIGHT (parallel cord #20,#22,#24 /Coaxial #22)

| | Part Number | D +/-0.1 | d+/-0.1 | L+/-0.5 | Wire Gauge |
|------|-------------|----------|---------|-------------|-------------|
| | SF5F | ø5.5 | ø2.1 | 9.5 | #20,#22,#23 |
| | SF5G | ø5.5 | ø2.1 | 11 | #20,#22,#23 |
| | SF5H | ø5.5 | ø2.5 | 9.5 | #20,#22,#23 |
| SF5I | ø5.5 | ø2.5 | 11 | #20,#22,#23 | |

FEMALE PLUG STRAIGHT (SPT-1#18 & XTW-A #20 Cord)

| | Part Number | D +/-0.1 | d+/-0.1 | L+/-0.5 | Wire Gauge |
|------|-------------|----------|---------|---------|------------|
| SF5J | ø5.5 | ø2.1 | 12.5 | #18,#20 | |

FEMALE PLUG STRAIGHT (parallel/coaxial cord)

| | Part Number | D +/-0.1 | d+/-0.1 | L+/-0.5 | Wire Gauge |
|------|-------------|----------|---------|---------|------------|
| | SF5K | ø5.5 | ø2.1 | 9.5 | #22 #24 |
| | SF5L | ø5.5 | ø2.1 | 11 | #22 #24 |
| | SF5M | ø5.5 | ø2.1 | 14 | #22 #24 |
| SF5N | ø5.5 | ø2.5 | 11 | #22 #24 | |

MINI DIN MALE PLUG, STRAIGHT

| | Part Number | Pin Configuration |
|--|-------------|-------------------|
| | SMD3 | |
| | SMD4 | |
| | SMD5 | |
| | SMS5 | |
| | SMD6 | |
| | SMD7 | |

RIGHT ANGLE

FEMALE PLUG RIGHT ANGLE (parallel cord)

| | Part Number | D +/-0.1 | d+/-0.1 | L+/-0.5 | Wire Gauge |
|------|-------------|----------|---------|---------|------------|
| | RF4A | ø5.03 | ø1.57 | 8.2 | #22 #24 |
| | RF4B | ø5.03 | ø1.57 | 13.5 | #22 #24 |
| | RF3A | ø5.0 | ø2.1 | 9 | #22 #24 |
| | RF3B | ø5.0 | ø2.1 | 11 | #22 #24 |
| | RF3C | ø5.0 | ø2.5 | 11 | #22 #24 |
| | RF5A | ø5.5 | ø1.3 | 11 | #22 #24 |
| | RF5B | ø5.5 | ø2.1 | 9.5 | #22 #24 |
| | RF5C | ø5.5 | ø2.5 | 9.5 | #22 #24 |
| | RF5D | ø5.5 | ø2.1 | 11 | #22 #24 |
| RF5E | ø5.5 | ø2.5 | 11 | #22 #24 | |

FEMALE PLUG RIGHT ANGLE (parallel cord)

| | Part Number | D +/-0.1 | d+/-0.1 | L+/-0.5 | Wire Gauge |
|------|-------------|----------|---------|---------|------------|
| | RF2A | ø3.5 | ø1.3 | 9 | #22 #24 |
| | RF2B | ø3.5 | ø1.3 | 11 | #22 #24 |
| | RF5F | ø5.5 | ø2.1 | 9.5 | #22 #24 |
| | RF5G | ø5.5 | ø2.1 | 11 | #22 #24 |
| | RF5H | ø5.5 | ø2.5 | 9.5 | #22 #24 |
| RF5I | ø5.5 | ø2.5 | 11 | #22 #24 | |

FEMALE PLUG RIGHT ANGLE (Coaxial cord)

| | Part Number | D +/-0.1 | d+/-0.1 | L+/-0.5 | Wire Gauge |
|------|-------------|----------|---------|---------|------------|
| | RF5J | ø5.5 | ø2.1 | 9.5 | #22 #24 |
| | RF5K | ø5.5 | ø2.1 | 11 | #22 #24 |
| | RF5L | ø5.5 | ø2.5 | 9.5 | #22 #24 |
| RF5M | ø5.5 | ø2.5 | 11 | #22 #24 | |

MALE/FEMALE PLUG RIGHT ANGLE (Parallel cord)

| | Part Number | D +/-0.1 | | L+/-0.5 | Wire Gauge |
|------|-------------|----------|------|---------|------------|
| RM2A | ø3.5 | | 16.5 | #22 #24 | |

MINI DIN MALE PLUG, RIGHT ANGLE

| | Part Number | Pin Configuration |
|--|-------------|-------------------|
| | RMD3 | |
| | RMD4 | |
| | RMD5 | |
| | RMS5 | |
| | RMD6 | |
| | RMD7 | |

OUTPUT PLUG TABLE