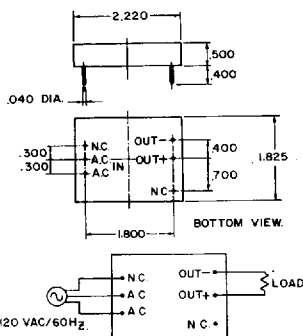
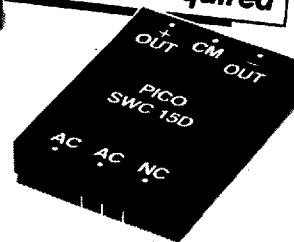
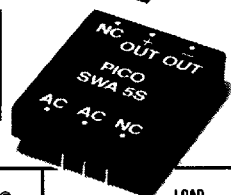
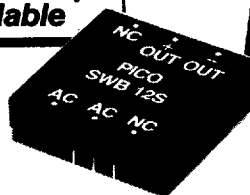
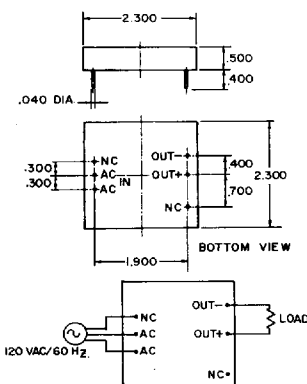
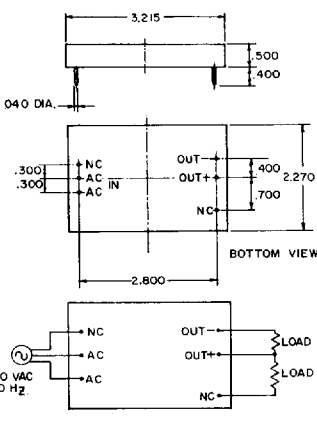


Series SW-Single Output-AC-DC Switching Power Supplies**Hi Reliability****Industrial Grade****Input Voltage (90-130 VAC, 60 Hz)****Isolated 1200 VRMS****Fully Regulated—up to 15 Watts****Short Circuit Protected****Terminal Strips Available****No Heat Sink or Electrical Derating Required****NO EXTERNAL CAPACITORS REQUIRED****Series SWA-Single Output-5 Watts**

PICO PART NUMBER	OUTPUT VOLTAGE (V DC)	MAX. LOAD CURRENT (mA)	MAX. OUTPUT POWER (watts)	EFF. @ FULL LOAD TYPICAL (%)	OUTPUT VOLTAGE TOLERANCE (±%)	LOAD REGULATION 25% - 100% LOAD (±%)	LINE REGULATION @ FULL LOAD (±%)	OUTPUT VOLTAGE RIPPLE (mv p-p)	PRICE 1-24
SWA5S	5	1000	5	68	2	2	1	50	79.00
SWA12S	12	415	5	68	2	2	1	25	79.00
SWA15S	15	333	5	70	2	2	1	25	79.00

**Series SWB-Single Output-10 Watts**

PICO PART NUMBER	OUTPUT VOLTAGE (V DC)	MAX. LOAD CURRENT (mA)	MAX. OUTPUT POWER (watts)	EFF. @ FULL LOAD TYPICAL (%)	OUTPUT VOLTAGE TOLERANCE (±%)	LOAD REGULATION 25% - 100% LOAD (±%)	LINE REGULATION @ FULL LOAD (±%)	OUTPUT VOLTAGE RIPPLE (mv p-p)	PRICE 1-24
SWB5S	5	1600	8	67	2	2	1	50	89.00
SWB12S	12	833	10	73	2	2	1	25	89.00
SWB15S	15	666	10	75	2	2	1	25	89.00

**Series SWC-Single Output-15 Watts**

PICO PART NUMBER	OUTPUT VOLTAGE (V DC)	MAX. LOAD CURRENT (mA)	MAX. OUTPUT POWER (watts)	EFF. @ FULL LOAD TYPICAL (%)	OUTPUT VOLTAGE TOLERANCE (±%)	LOAD REGULATION 25% - 100% LOAD (±%)	LINE REGULATION @ FULL LOAD (±%)	OUTPUT VOLTAGE RIPPLE (mv p-p)	PRICE 1-24
SWC5S	5	2000	10	67	2	2	1	50	99.00
SWC12S	12	1250	15	73	2	2	1	25	99.00
SWC15S	15	1000	15	74	2	2	1	25	99.00

**Delivery—
stock to one week**

For immediate engineering assistance or to place an order—Call Toll Free 800-431-1064

PICO Electronics, Inc.

453 N. MacQuesten Pkwy., Mt. Vernon, N.Y. 10552 • 914-699-5514 • FAX 914-699-5565

Series SW-Dual Output-AC-DC Switching Power Supplies

FEATURES:

- Excellent line regulation $\pm 1\%$ (90–130 VAC)
- Excellent load regulation, from 25% to 100%, $\pm 2\%$
- Continuous short circuit protection
- Encapsulated semiconductors, conservatively rated for maximum reliability
- Isolation: 100 megohms at 1200 VRMS
- Wide input 90–130 VAC, 60 Hz

This series of switching AC-DC power supplies are available in 18 different models. All single and dual outputs are isolated and offer excellent line and load regulation. These units have continuous short circuit protection, require no output capacitors and will operate from -25°C to $+70^{\circ}\text{C}$ ambient, with no heat sink or electrical derating required. The hi-reliability SW Series, up to 15 Watts, is the design choice for your stringent industrial applications.

Terminal Strips Available

.5" Height

TYPICAL CHARACTERISTICS:

Test conditions: 25°C ambient

Input voltage: 90–130 VAC 60 Hz

Converter frequency: 200–800 KHz

Operating temperature: -20°C to $+70^{\circ}\text{C}$ ambient

Storage temperature: -55°C to $+105^{\circ}\text{C}$

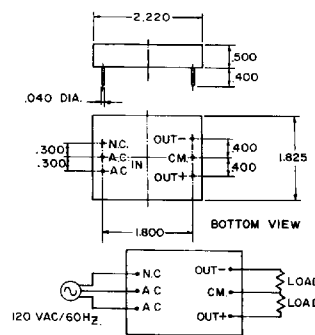
Output voltage temperature coefficient: $0.02\%/^{\circ}\text{C}$

Isolation: 1200 VRMS

T-57-05

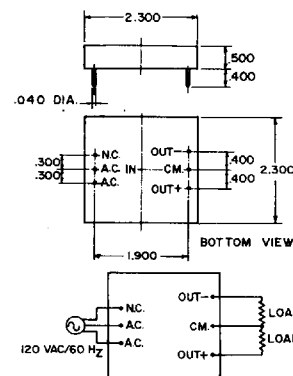
Series SWA-Dual Output-5 Watts

PICO PART NUMBER	OUTPUT VOLTAGE (V DC)	MAX. LOAD CURRENT (mA) per output	MAX. OUTPUT POWER (watts) PER OUTPUT	EFF. @ FULL LOAD TYPICAL (%)	OUTPUT VOLTAGE TOLERANCE ($\pm\%$)	LOAD REGULATION 25% - 100% LOAD ($\pm\%$)	LINE REGULATION @ FULL LOAD ($\pm\%$)	OUTPUT VOLTAGE RIPPLE (mv p-p)	PRICE 1-24
SWA5D	± 5	500	2.5	68	2	2	1	50	92.00
SWA12D	± 12	207	2.5	68	2	2	1	25	92.00
SWA15D	± 15	165	2.5	70	2	2	1	25	92.00



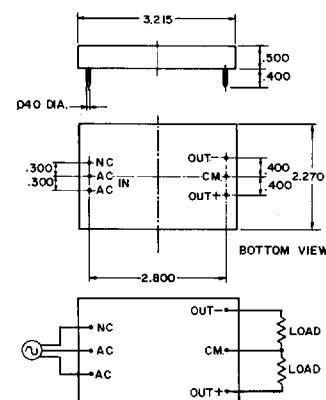
Series SWB-Dual Output-10 Watts

PICO PART NUMBER	OUTPUT VOLTAGE (V DC)	MAX. LOAD CURRENT (mA) per output	MAX. OUTPUT POWER (watts) per output	EFF. @ FULL LOAD TYPICAL (%)	OUTPUT VOLTAGE TOLERANCE ($\pm\%$)	LOAD REGULATION 25% - 100% LOAD ($\pm\%$)	LINE REGULATION @ FULL LOAD ($\pm\%$)	OUTPUT VOLTAGE RIPPLE (mv p-p)	PRICE 1-24
SWB5D	± 5	800	4	68	2	2	1	50	102.00
SWB12D	± 12	415	5	75	2	2	1	25	102.00
SWB15D	± 15	333	5	76	2	2	1	25	102.00



Series SWC-Dual Output-15 Watts

PICO PART NUMBER	OUTPUT VOLTAGE (V DC)	MAX. LOAD CURRENT (mA) per output	MAX. OUTPUT POWER (watts) per output	EFF. @ FULL LOAD TYPICAL (%)	OUTPUT VOLTAGE TOLERANCE ($\pm\%$)	LOAD REGULATION 25% - 100% LOAD ($\pm\%$)	LINE REGULATION @ FULL LOAD ($\pm\%$)	OUTPUT VOLTAGE RIPPLE (mv p-p)	PRICE 1-24
SWC5D	± 5	1000	5	69	2	2	1	50	112.00
SWC12D	± 12	625	7.5	75	2	2	1	25	112.00
SWC15D	± 15	500	7.5	76	2	2	1	25	112.00



**Delivery—
stock to one week**

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