

BW120 SERIES 10~12W WIDE I/P RANGE

FEATURES

- 10W~12W DIL PACKAGE
- 9-18V,18-36V,36-75V WIDE INPUT RANGE
- 100% BURN IN
- HIGH EFFICIENCY
- UL 94V-0 PACKAGE MATERIAL
- CUSTOM SOLUTION BE AVAILAVLE
- RoHS COMPLIANT
- 3 YEARS WARRANTY



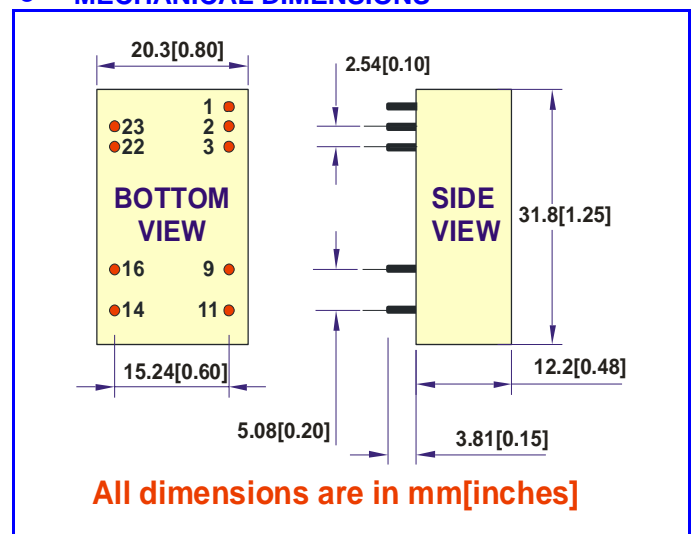
OUTPUT SPECIFICATIONS		INPUT SPECIFICATIONS		GENERAL SPECIFICATIONS	
Voltage Set-point Accuracy	+/-2% max	Input Voltage Range	2:1 Input Range	Efficiency	78% min
Temperature Coefficient	+/-0.05%/°C	Input Filter	Pi Network	Isolation Voltage	1500 VDC min
Ripple & Noise(20MHz BW)	100mVp-p max	Protection	Fuse Recommended	Isolation Resistance	10 ⁹ ohms typ.
Line Regulation	+/-0.5% max	ENVIRONMENTAL SPECIFICATIONS		Isolation Capacitance	2200pF max
Load Regulation	+/-0.5% max	Operating Temperature	-40°C to +85°C	Switching Frequency	400KHz Typ
Minimum Load	20% of Full Load	Storage Temperature	-55°C to +105°C	MTBF	>600,000 Hours
Short Circuit Protection	Continuous	Cooling	Free-Air Convection	Case Material	Five-Side Shielded Case
Short Circuit Restart	Automatic	Humidity	95% max	Weight	18.5g typ.

● 2:1 10W-12W OUTPUT

MODEL NUMBER	INPUT (VDC)	OUTPUT		EFF (%)	PACKAGE
		VOLTAGE (VDC)	CURRENT (mA)		
BW075-12S2.5AM	9-18	2.5	3000	78	A
BW100-12S3.3AM	9-18	3.3	3000	80	A
BW120-12S05AM	9-18	5	2400	84	A
BW120-12S12AM	9-18	12	1000	83	A
BW120-12S15AM	9-18	15	800	83	A
BW120-12D05AM	9-18	+/-5	+/-1200	81	A
BW120-12D12AM	9-18	+/-12	+/-500	84	A
BW120-12D15AM	9-18	+/-15	+/-400	83	A
BW075-24S2.5AM	18-36	2.5	3000	78	A
BW100-24S3.3AM	18-36	3.3	3000	80	A
BW120-24S05AM	18-36	5	2400	83	A
BW120-24S12AM	18-36	12	1000	83	A
BW120-24S15AM	18-36	15	800	85	A
BW120-24D05AM	18-36	+/-5	+/-1200	81	A
BW120-24D12AM	18-36	+/-12	+/-500	84	A
BW120-24D15AM	18-36	+/-15	+/-400	84	A
BW075-48S2.5AM	36-75	2.5	3000	78	A
BW100-48S3.3AM	36-75	3.3	3000	80	A
BW120-48S05AM	36-75	5	2400	84	A

BW120-48S12AM	36-75	12	1000	83	A
BW120-48S15AM	36-75	15	800	85	A
BW120-48D05AM	36-75	+/-5	+/-1200	81	A
BW120-48D12AM	36-75	+/-12	+/-500	84	A
BW120-48D15AM	36-75	+/-15	+/-400	84	A

● MECHANICAL DIMENSIONS



PIN	1	2 & 3	9	11	14	16	22 & 23
SINGLE	Remote	-Vin	NC	NC	+Vout	-Vout	+Vin
DUAL	On/Off	-Vin	Com.	-Vout	+Vout	Com.	+Vin