

# 5 WATTS REGULATED 24 PIN DIL PACKAGE

## B5WR-XXXXA/DA REGULATION

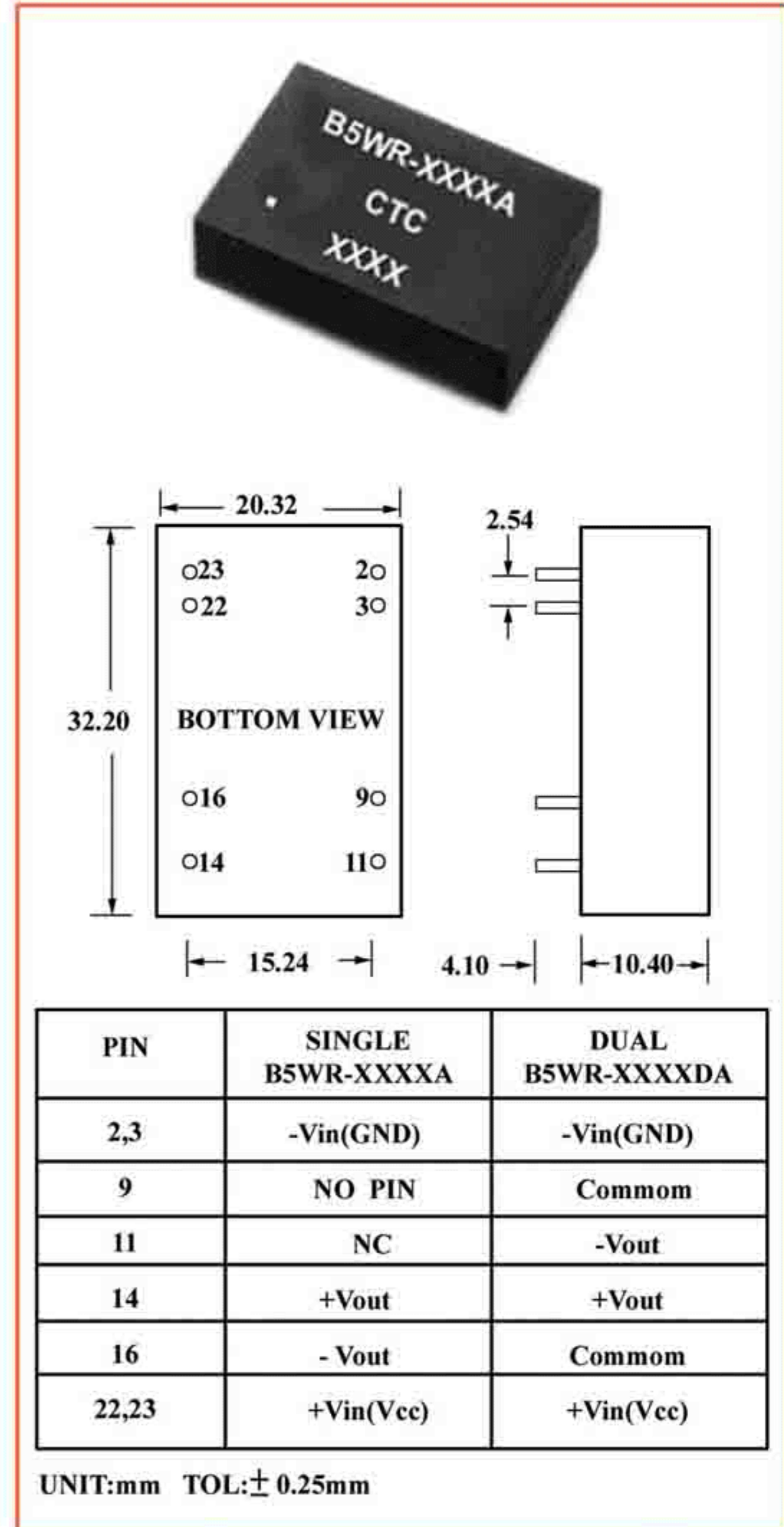
### Features:

- 5 watts DIP 24 package.
- 2:1 wide input range.
- Regulated output.
- Typical efficiency up to 85%
- High isolation 4KVDC
- Short circuit protection - continuous.

### ELECTRICAL SPECIFICATIONS:

INPUT VOLTAGE RANGE	----- 2:1
OUTPUT VOLTAGE ACCURACY	----- $\pm 1\%$ Typ.
RATED POWER	----- 5 WATTS MAX.
ISOLATION VOLTAGE	----- 2KVDC MIN.
RIPPLE & NOISE / 20MHZ BW	----- 50MV P-P MAX.
LINE REGULATION	----- $\pm 0.2\%$
LOAD REGULATION (10% to 100% load)	--- $\pm 0.5\%$
OPERATING FREQUENCY	----- 70 KHZ MIN.
SHORT CIRCUIT PROTECTION	----- CONTINUOUS
SHORT CIRCUIT RESTART	----- Automatic
OPERATING TEMPERATURE RANGE	-40°C To 75°C
STORAGE TEMPERATURE RANGE	--- -50 °C To 125 °C
EFFICIENCY	----- up to 85%
ISOLATION RESISTANCE	----- 1G $\Omega$ min.
ISOLATION CAPACITY	----- 30pF

Note: Add /H after P/N for isolation 4KV



Part Number	Input Voltage	Output Voltage	Output Current
B5WR-1203A/DA	9 ~ 18 VDC	3.3 / $\pm 3.3$ VDC	1200 / $\pm 600$ MA
B5WR-1205A/DA	9 ~ 18	5 / $\pm 5$	1000 / $\pm 500$
B5WR-1209A/DA	9 ~ 18	9 / $\pm 9$	560 / $\pm 280$
B5WR-1212A/DA	9 ~ 18	12 / $\pm 12$	420 / $\pm 210$
B5WR-1215A/DA	9 ~ 18	15 / $\pm 15$	340 / $\pm 170$
B5WR-2403A/DA	18 ~ 36	3.3 / $\pm 3.3$	1200 / $\pm 600$
B5WR-2405A/DA	18 ~ 36	5 / $\pm 5$	1000 / $\pm 500$
B5WR-2409A/DA	18 ~ 36	9 / $\pm 9$	560 / $\pm 280$
B5WR-2412A/DA	18 ~ 36	12 / $\pm 12$	420 / $\pm 210$
B5WR-2415A/DA	18 ~ 36	15 / $\pm 15$	340 / $\pm 170$
B5WR-4803A/DA	36 ~ 72	3.3 / $\pm 3.3$	1200 / $\pm 600$
B5WR-4805A/DA	36 ~ 72	5 / $\pm 5$	1000 / $\pm 500$
B5WR-4809A/DA	36 ~ 72	9 / $\pm 9$	560 / $\pm 280$
B5WR-4812A/DA	36 ~ 72	12 / $\pm 12$	420 / $\pm 210$
B5WR-4815A/DA	36 ~ 72	15 / $\pm 15$	340 / $\pm 170$