

Regulated DC/DC Converter 15Watt

4:1 Input Voltage Range Triple Voltage · Y15 Series

SPECIFICATIONS: Typical @ 25°C Under Full Load and Nominal Input Voltage Unless Otherwise Specified

15W DC/DC CONVERTER TRIPLE VOLTAGE

INPUT

Input Voltage: 9-36 Vdc
 Input Filter 18-72 Vdc
 PI Network

OUTPUT

Voltage Accuracy: (+ V1 & - V2): ±2% Max
 (+ V3): ± 3% Max
 Line Regulation (@ Full Load): ± 1% Max
 Load Regulation (@ Full Load to 1/2 Load): ± 2% Max
 Ripple and Noise (20MHz BW) 200 mVP-P
 Transient Response (Full Load to 1/2 Load) 200m SEC Max
 to 1% of Final Value

Short Circuit Fold Back
 Over Voltage Protection Built-in
 Cooling: Free Air Convection
 EMI/RFI: Six Sided Continuous Metal Shield

PHYSICAL:

Case Size: 3"x2.60"x 0.40"
 (76.2 x 66.0 x 20.8mm)
 Case Material: Black Coated Copper With
 Non-Conductive Metal Base
 Weight: 10 oz. (280 grams)

GENERAL

Efficiency (@ Full Load): 80%
 Isolation Voltage: 500 Vdc Min.
 Isolation Resistance: 1000 MOhms
 Switching Frequency: 50KHz Min.

ENVIRONMENTAL:

Operating Temperature Range: -25°C to +71°C
 Storage Temperature Range: -55°C to +125°C
 Cooling: Free Air Convection
 EMI/RFI: Six Sided Continuous Metal Shield

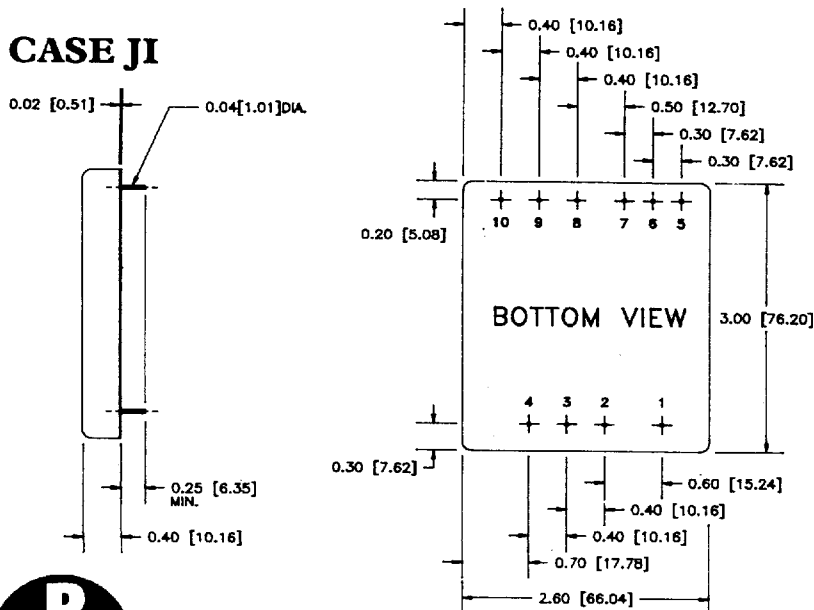
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	INPUT VOLTAGE (Vdc)	OUTPUT VOLTAGE (Vdc)	OUTPUT CURRENT (mA)	MODEL NO.	* CASE	PRICE 1-9 QTY.
TRIPLE VOLTAGE	9-36	5 / ± 12	1500 / ± 310	Y15-12S5-12	J1	\$114.00
		5 / ± 15	1500 / ± 250	Y15-12S5-15	J1	\$114.00
		12 / + 5 / - 5	300 / 1500 / 500	Y15-12S12-5	J1	\$114.00
	18-72	5 / ± 12	1500 / ± 310	Y15-24S5-12	J1	\$114.00
		5 / ± 15	1500 / ± 250	Y15-24S5-15	J1	\$114.00
		12 / + 5 / - 5	300 / 1500 / 500	Y15-24S12-5	J1	\$114.00

* Available in 2" X 2" X 0.40" package. Use suffix B2A after model number. Contact Factory for details.

CASE J1



PIN	SINGLE OUTPUT	DUAL OUTPUT	TRIPLE
1	REMOTE ON/OFF	REMOTE ON/OFF	PIN
2	+ INPUT	+ INPUT	+ INPUT
3	- INPUT	- INPUT	- INPUT
4	NO PIN	NO PIN	NO PIN
5	NO PIN	+ OUTPUT	+ OUTPUT
6	OUTPUT TRIM	COMMON	COMMON
7	NO PIN	- OUTPUT	- OUTPUT
8	+ OUTPUT	OUTPUT TRIM	+5V OUTPUT
9	- OUTPUT	NO PIN	NO PIN
10	NO PIN	NO PIN	NO PIN

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