

1.5 Watt**24 Pin DIL Package V
4:1 Input Range - Metal Case**

- o Wide Input Range
- o Regulated Single & Dual Output
- o Continuous Short Circuit Protection
- o 1500 VDC I/O-Isolation
- o Option 3500 VDC I/O-Isolation

ON REQUEST



MODEL NUMBER	INPUT VOLTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT	INPUT CURRENT		Eff.%
				NO LOAD	FULL LOAD	
1.5VRS24X3.3M	9-36 VDC	3.3 VDC	400 mA	15 mA	77 mA	72
1.5VRS24X5M		5 VDC	300 mA		86 mA	73
1.5VRS24X12M		12 VDC	125 mA		84 mA	75
1.5VRS24X15M		15 VDC	100 mA			
1.5VRS24X18M		18 VDC	833 mA		77 mA	72
1.5VRD24X3.3M		±3.3 VDC	±200 mA			
1.5VRD24X5M		±5 VDC	±150 mA		86 mA	73
1.5VRD24X12M		±12 VDC	±63 mA		84 mA	75
1.5VRD24X15M		±15 VDC	±50 mA			
1.5VRD24X18M		±18 VDC	±42 mA			
1.5VRS48X3.3M	18-72 VDC	3.3 VDC	400 mA	10 mA	84 mA	72
1.5VRS48X5M		5 VDC	300 mA		39 mA	73
1.5VRS48X12M		12 VDC	125 mA		43 mA	75
1.5VRS48X15M		15 VDC	100 mA		42 mA	
1.5VRS48X18M		18 VDC	833 mA			
1.5VRD48X3.3M		±3.3 VDC	±200 mA		39 mA	72
1.5VRD48X5M		±5 VDC	±150 mA		43 mA	73
1.5VRD48X12M		±12 VDC	±63 mA			
1.5VRD48X15M		±15 VDC	±50 mA			
1.5VRD48X18M		±18 VDC	±42 mA			

SPECIFICATIONS

All Specifications Typical At Nominal Line, Full Load, and 25°C Unless Otherwise Noted

INPUT SPECIFICATIONS

Input Voltage Range	4:1
Input Filter	Pi Network

OUTPUT SPECIFICATIONS

Voltage Accuracy	±1% max.
Voltage Balance (Dual Output)	±1%
Temperature Coefficient	±0.02%/°C max.
Ripple and Noise, 20MHz BW	60 mV p-p max.
Short Circuit Protection	Continuous
Short Circuit Restart	Automatic
Line Regulation	±0.5% max.
Load Regulation	±0.5% max.

GENERAL SPECIFICATION

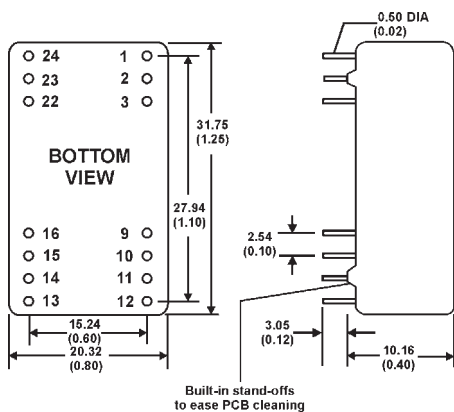
Efficiency	see table
Isolation Voltage Suffix "H"	1.500 VDC min. 3.500 VDC min.
Isolation Resistance	1.000 Mohms min.
Isolation Capacitance	80 pF typ.
Leakage Current	1 mA
Switching Frequency	250 kHz typ.
Operating Temperature Range	-25°C to +71°C
Storage Temperature Range	-55°C to +125°C
Derating	None Required
Humidity	Up to 90%, Non Condensing
Case Material	Nickel-Coated Copper
Case Material Suffix "P"	Non-Conductive Black Plastic
MTBF (MIL-HDBK-217F)	Single Dual 1.340.626 Hours 1.179.356 Hours

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MECHANICAL SPECIFICATIONS

CASE "V"

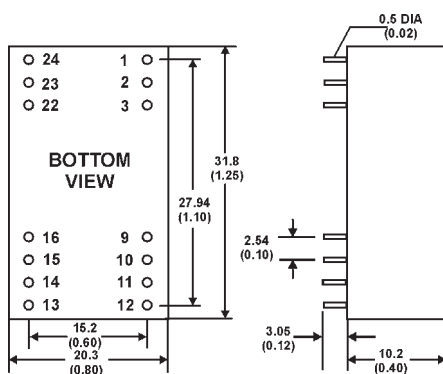
NICKEL-COATED COPPER

All Dimensions in mm (Inches).
Tolerances: x.xx = ±0.25 (±0.01)

PIN CONNECTIONS 1.500VDC

PIN	SINGLE	DUAL
1 & 24	+INPUT	+INPUT
2 & 23	NC*	-OUTPUT
3 & 22	NC*	COMMON
9 & 16	NO PIN	NO PIN
10 & 15	-OUTPUT	COMMON
11 & 14	+OUTPUT	+OUTPUT
12 & 13	-INPUT	-INPUT

*NC = NOT CONNECTED

NON-CONDUCTIVE BLACK PLASTIC

All Dimensions in mm (Inches)
Tolerances: x.xx=±0.25 (±0.01)

PIN CONNECTIONS 3.500VDC

PIN	SINGLE	DUAL
1 & 24	NO PIN	NO PIN
2 & 3	-INPUT	-INPUT
9	NO PIN	COMMON
10 & 15	NO PIN	NO PIN
11	NC*	-OUTPUT
12 & 13	NO PIN	NO PIN
14	+OUTPUT	+OUTPUT
16	-OUTPUT	COMMON
22 & 23	+INPUT	+INPUT

*NC = NOT CONNECTED

NOTICE:

The information in this document has been carefully checked. However, no responsibility is assumed for inaccuracies! Specifications can be changed without notice. The latest and most complete information can be found on our website.