

PJ-PAK™ DC/DC Converters

Specifications

DC Input:

100-200VDC for 155PJ-PAK
20 - 36VDC for 28PJ-PAK
(See derating with temperature)

DC Output: (See tables)

Regulation:
Line 0.2%, Load 0.2%

DC Input (Continued)

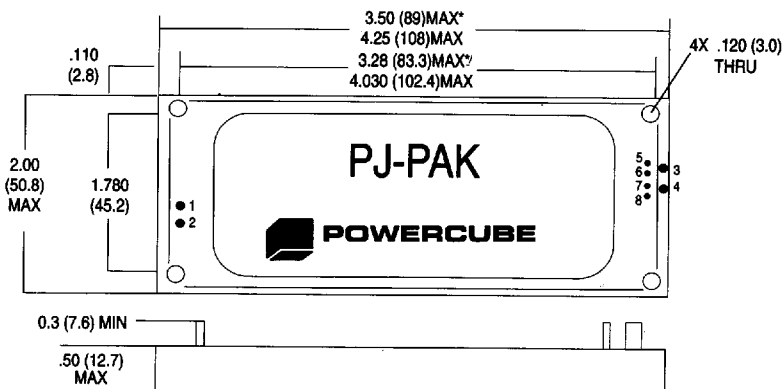
Temperature Coefficient: 0.008%/°C
Initial setting: (Max) $\pm 1\%$
Trim Range: $\pm 10\%$ (2.6 VDC unit, +10,-0%)
Transient Response (Typ) (25% load change)
Up to 5VDC 250 mV/500 μ S
12 VDC up 500mV/500 μ S

OUTPUT VOLTAGE (VDC)		2.6	3.3	5	12	15	24	28
OVP SETTING (VDC)		3.3	4.3	6.9	14.5	17.5	28.5	33..5
NOMINAL 155VDC INPUT	MODEL NUMBER	155PJ2.6-57	115PJ3.3-73	155PJ5-110	155PJ12-200	155PJ15-250	155PJ24-350	155PJ28-350
	OUTPUT POWER (MAX)							
	@ Input Voltage Range							
	100 - 200VDC (+85°C MAX BASE)	57.2W	72.6W	110W	200W	250W	350W	350W
	100 - 200VDC (+100°C MAX BASE)	42.9W	54.5W	82.5W	150W	187.5W	262.5W	262.5W
	OUTPUT CURRENT (MAX)							
	@ Input Voltage Range							
	100 - 200VDC (+85°C MAX BASE)	22.0A	22.0A	22.0A	16.7A	16.7A	14.6A	12.5A
	100 - 200VDC (+100°C MAX BASE)	16.5A	16.5A	16.5A	12.5A	12.5A	11A	9.4A
	Efficiency (%)	64	70	80	83	85	88	88
NOMINAL 28VDC INPUT	MODEL NUMBER	28PJ2.6-50	28PJ3.3-70	28PJ5-110	28PJ12-200	28PJ15-200	28PJ24-210	28PJ28-210
	OUTPUT POWER (MAX)							
	@ Input Voltage Range							
	22 - 34VDC (+85°C MAX BASE)	50W	70W	110W	200W	200W	210W	210W
	20 - 36VDC (+85°C MAX BASE)	45W	63W	100W	180W	180W	180W	180W
	20 - 34VDC (100°C MAX BASE)	35W	50W	75W	140W	140W	140W	140W
	OUTPUT CURRENT (MAX)							
	@ Input Voltage Range							
	22 - 34VDC (+85°C MAX BASE)	19.0A	21.2A	22.0A	16.7A	13.4A	8.8A	7.5A
	20 - 36VDC (+85°C MAX BASE)	17.3A	19.0A	20.0A	15.0A	12.0A	7.5A	6.4A

Specifications subject to change

Mechanical

PIN	FUNCTION
1	Input
2	Input return
3	Output
4	Out return
5	Remote sense +
6	External Trim
7	Remote Sense -
8	Shutdown



NOTES:
Tolerances ± 0.010 (.25)
Dimensions are in inches (mm).
28 PJ-PAK
Weight 5 oz. max
(142 grams max).
155 PJ-PAK
Weight 6.5 oz. max
(185 grams max).

Length dimensions in red *applicable to 28 PJ-PAK. Dimensions in black applicable to 155 PJ-PAK



POWERCUBE

A NATEL COMPANY

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