

HD-PAK™ Series DC/DC Converters

48 VDC Input Product Specifications

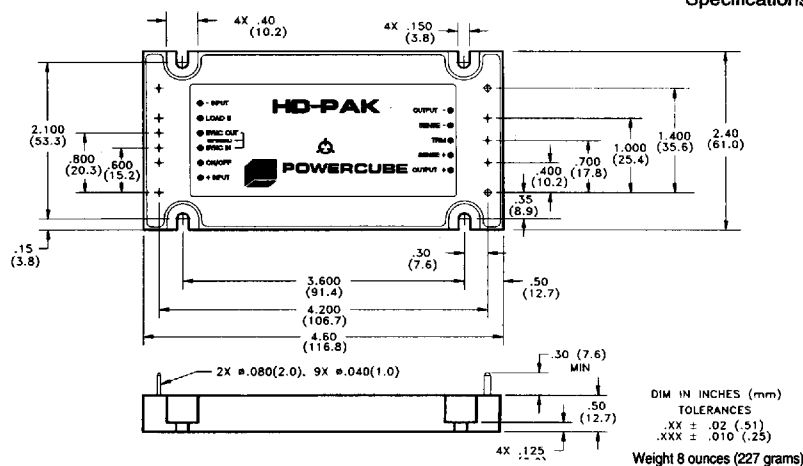
DC Input Range 36 - 76VDC
 DC Output Range: (See tables)
 Regulation: (Max) Line 0.15% Load 0.3%
 Initial Voltage Setting: (Max) 1%
 Trim Range: ± 10% (2.6VDC unit +10/-0%)
 Isolation: Input to Output - 4242VDC
 Input to Case - 3535VDC
 Output to Case - 707VDC

DC Output (Continued)
 Temperature Coefficient: (Max) 0.01%/°C
 Ripple and Noise: (20MHz BW.) Typ: 2%
 Transient Response (25% load change) Typ: 400µS
 Synchronization Range: 300 to 400KHz
 (from internal or external source, up or down from F nominal)
 Over Temperature Shutdown: 105-115°C

MODEL NUMBER	OUTPUT					
	Voltage	Power	Power	Current	Current	Typical Efficiency
		-40 to 85°C Max Base	-40 to 100°C Max Base	-40 to 85°C Max Base	-40 to 100°C Max Base	
48 HD2.6-104	2.6VDC	104W	78W	40A	30A	70%
48 HD2.6-156*	2.6VDC	156W	117W	60A	45A	71%
48 HD3.3-132	3.3VDC	132W	99W	40A	30A	75%
48 HD3.3-198*	3.3VDC	198W	149W	60A	45A	79%
48 HD5-200	5VDC	200W	150W	40A	30A	80%
48 HD5-300*	5VDC	300W	225W	60A	45A	80%
48 HD12-300	12VDC	300W	225W	25A	18.8A	83%
48 HD15-300	15VDC	300W	225W	20A	15A	85%
48 HD24-300	24VDC	300W	225W	15.5A	9.4A	87%
48 HD28-300	28VDC	300W	225W	10.7A	8A	88%
48 HD48-300	48VDC	300W	225W	6.25A	4.7A	84%
*Turbo Models						

Mechanical

Specifications subject to change



POWERCUBE

A NATEL COMPANY

TEL: 1-800-866-3590 • FAX: 1-800-866-3589

9340 OWENSMOUTH AVENUE • CHATSWORTH • CALIFORNIA 91311

P#61-2.5K 2/97

9348373 0000752 413

2