

ECOCELL EPE® SERIES, 4.2W-10.4W ISOLATED SINGLE OUTPUT

The EcoCell EPE Series are natural convection, surface mount DC-DC converters for networking applications that have been engineered especially for 48V telecom, networking and datacom applications that require high efficiency and reliability.

Features:

- SMT Package
- Low Profile
- MTBF >3.7 Million Hours
- 1,500VDC Isolation Voltage
- UL1950, CSA950, EN60950
- Alarm Signal
- Remote On/Off
- Parallel Operation
- Lead Free



For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Shindengen Part No.	Fig.	Power (Max)	Input Voltage	Output Voltage	Output Current	Price Each		
							1	25	50
627-EPE1R2035	EPE1R2035	A	4.2W	36-75V	1.2V	3.5A	29.53	28.66	24.32
627-EPE1R3035	EPE1R3035	A	4.6W	36-75V	1.3V	3.5A	29.53	28.66	24.32
627-EPE1R5035	EPE1R5035	A	5.3W	36-75V	1.5V	3.5A	29.53	28.66	24.32
627-EPE1R8030	EPE1R8030	A	5.4W	36-75V	1.8V	3.0A	29.53	28.66	24.32
627-EPE2R1030	EPE2R1030	A	6.3W	36-75V	2.1V	3.0A	29.53	28.66	24.32
627-EPE2R0030	EPE2R0030	A	6W	36-75V	2.0V	3.0A	29.53	28.66	24.32
627-EPE2R5030	EPE2R5030	A	7.5W	36-75V	2.5V	3.0A	29.53	28.66	24.32
627-EPE3R3030	EPE3R3030	A	9.9W	36-75V	3.3V	3.0A	29.53	28.66	24.32
627-EPE5R0020	EPE5R0020	A	10W	36-75V	5.0V	2.0A	29.53	28.66	24.32
627-EPE5R2020	EPE5R2020	A	10.4W	36-75V	5.2V	2.0A	29.53	28.66	24.32

ECOCELL HNA® SERIES, 10A SINGLE OUTPUT

The HNA Series are non-isolated converters designed to meet the precise voltage requirements of today's high performance data and telecommunications and system board level applications.

Features:

- SMT Package
- Low Profile
- High Efficiency: 83-95%
- Remote On/Off
- Output Overcurrent Protection
- Overtemperature Protection
- Industry Standard Pinout
- UL/CSA60950, EN60950
- Operating Temperature Range: -40°C to +85°C



For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Shindengen Part No.	Fig.	Input Voltage	Output Voltage	Output Current	Price Each		
						1	25	50
627-HNA3R3100	HNA3R3100	B	4.5-5.5V	3.3V	10A	22.10	21.45	18.20
627-HNA2R5100	HNA2R5100	B	4.5-5.5V	2.5V	10A	22.10	21.45	18.20
627-HNA2R0100	HNA2R0100	B	4.5-5.5V	2.0V	10A	22.10	21.45	18.20
627-HNA1R5100	HNA1R5100	B	3.0-5.5V	1.5V	10A	22.10	21.45	18.20
627-HNA1R0100	HNA1R0100	B	3.0-5.5V	1.0V	10A	22.10	21.45	18.20
627-HNA0R9100	HNA0R9100	B	3.0-5.4V	0.9V	10A	22.10	21.45	18.20

HBE® SERIES, 50W EIGHTH BRICK SINGLE OUTPUT

Features:

- Remote On/Off
- Up to 20A Output Current
- Output Overvoltage Protection
- Output Over Current Protection
- 1500VDC Isolated Voltage

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Shindengen Part No.	Fig.	Input Volts (Typ.)	Output Volts	Output Current	Efficiency	Price Each		
							1	25	50
Negative Logic									
627-HBE3R3150N	HBE3R3150N	C	48	3.3	15A	89.5%	58.99	58.23	50.46
Positive Logic									
627-HBE3R3150P	HBE3R3150P	C	48	3.3	15A	89.5%	59.99	58.23	50.46

HBQ® SERIES, 100W QUARTER BRICK SINGLE OUTPUT

Features:

- 3.3V and 5.0V Output Voltage
- Up to 30A Output Current
- 91% Efficiency

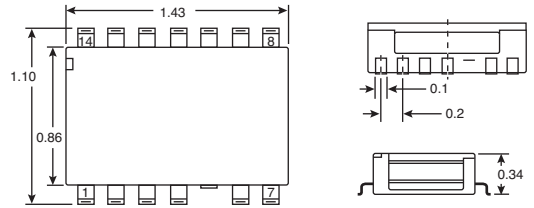


For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Shindengen Part No.	Fig.	Input Volts (Typ.)	Output Volts	Output Current	Efficiency	Price Each		
							1	25	50
Negative Logic									
627-HBQ3R3300N	HBQ3R3300N	D	48	3.3	30A	90%	100.00	93.00	84.00
627-HBQ5R0200N	HBQ5R0200N	D	48	5.0	20A	91%	100.00	93.00	84.00
Positive Logic									
627-HBQ3R3300P	HBQ3R3300P	D	48	3.3	30A	90%	100.00	93.00	84.00
627-HBQ5R0200P	HBQ5R0200P	D	48	5.0	20A	91%	100.00	93.00	84.00

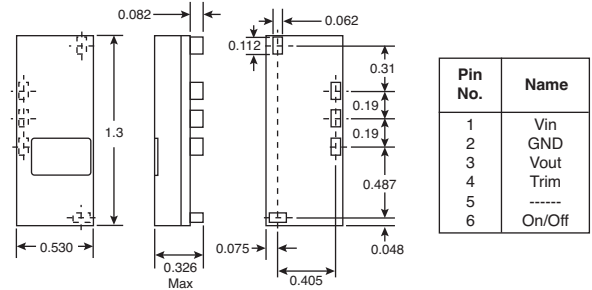
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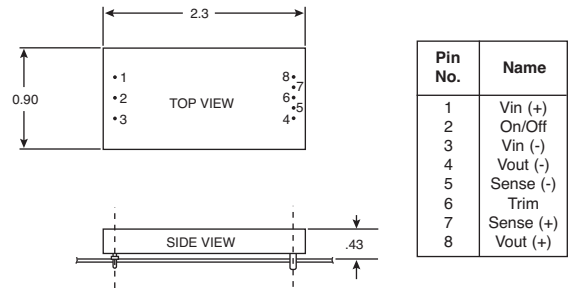


Pin No.	Name	Pin No.	Name	Pin No.	Name	Pin No.	Name	Pin No.	Name
1	Vin (-)	4	REMOTE	7	Vout (+)	10	PECout	13	STARTout
2	Vin (+)	5	-----	8	NC	11	PECin	14	OPPS
3	TEST	6	Vout (-)	9	ALM	12	STARTin		

B



C



D

