

## Description

The 15W EPL series of isolated DC/DC converters expands Shindengen's Ecocell series of industry leading SMT type devices. ***For the first time, the Ecocell series is offered in the industry standard pin out configuration.***

## Features

## Applications

Workstations  
Servers  
Desktop Computers  
DSP Applications  
Distributed power architectures  
Telecommunications equipment  
Adapter cards  
LAN/WAN applications  
Data processing applications

Small size and very low profile  
Surface Mountable  
Industry standard pin out configuration  
High Efficiency  $\approx$  87% typical  
Output voltage adjustment  
Wide range 36-75VDC input  
Parallel operation  
Remote on/off control  
Full safety approvals to EN60950, CE marking  
FCC class 1A (FCC 1B with recommended circuit)

EPL Selection Chart		
Vin	Vout	Part No.
36-75	3.3V/4A	EPL3R 3040
36-75	1.8V/5A	EPL1R 8050

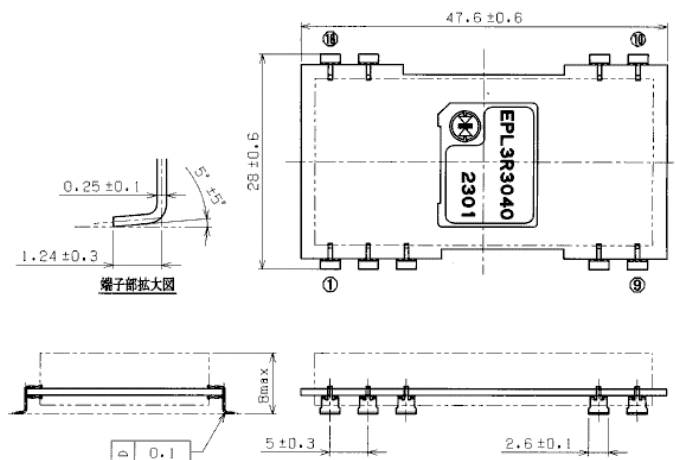
## GENERAL SPECIFICATIONS

### Absolute Maximum Ratings

	Characteristics	Min.	Max.
<b>TS</b>	Storage Temperature	-40 C - 125 C	
<b>Ta</b>	Operating Temperature	-40 C - 85 C	
<b>Vi</b>	Continuous Input Voltage	0 C - 75V	
<b>Viso</b>	Isolation Voltage (Input to Output Test Voltage)	1,500V DC	

## ELECTRICAL SPECIFICATIONS

	Characteristics	Min.	Typ.	Max.	Unit
<b>Vi</b>	Input Voltage Range	36	-	75	V
<b>Vi off</b>	Turn - Off Input Voltage	30	33	35	V
<b>Vi on</b>	Turn - On Input Voltage	32	34.5	36	V
<b>Ci</b>	Input Capacitance	-	1.4	-	uF



PIN	Function
1	Output 1
2	Output Return
3	NC or single output module (or Output 2)
4	NC
5	NC
6	NC
7	NC
8	Vadj
9	NOR
10	NC
11	RC
12	NC
13	NC
14	NC
15	NC
16	NC
17	-In
18	+In