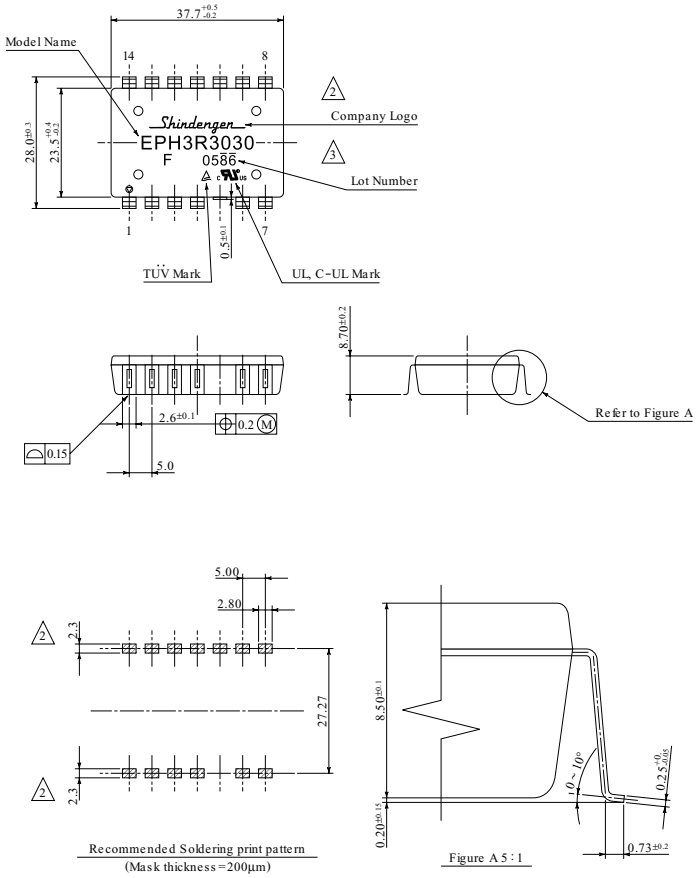
SHINDENGEN

■Outline Diagram



Pin arrangement	
PIN	Function
1	Vin (-)
2	Vin (+)
3	TEST
4	REMOTE
5	——
6	Vout (-)
7	Vout (+)
8	NC
9	ALM
10	PECout
11	PECin
12	STARTin
13	STARTout
14	OPPS

■*Functions*

(1) Control Signal Pins

Pin Name	Module Status/Connection Method
REMOTE	● Power to the DC/DC converter can be started and stopped by the REMOTE control signal. ● Resume the supply of power to the DC/DC converter with the REMOTE control signal when power has been interrupted by a transient cause (overvoltage, overcurrent or voltage drop). ● An alarm signal is not sent out by this signal when the DC/DC converter is inactive. Power interrupted: Open Power started: Connected to the Vin(+) potential (Vin(+)+0V,-5V)
ALM	Enters the alarm mode and switches to the Vin(-) potential as a result of detecting overvoltage, overcurrent or voltage drop. ALM terminal intake current: 5 mA (max)
PEC in/out	● Transmits alarm information to another DC/DC converter during parallel connection. PECout: Transmits alarm information to own DC/DC converter PECin : Receives alarm information and switches own DC/DC converter to alarm mode. ● PECin and PECout are connected in a loop during parallel connection. ● In the case of stand-alone use, PECin is connected to Vin(-), while PECout is open.
START in/out	● Transmits start/stop status to another DC/DC converter during parallel connection. STARTout: A signal is transmitted when starting and stopping is possible. STARTin : Receives a start/stop signal to start/stop own DC/DC converter. ● STARTin and STARTout are connected in a loop during parallel connection. ● In the case of stand-alone use, STARTin is connected to Vin(-), while STARTout is open.
OPPS	Connected to Vin(-) at all times.
TEST	Open (use prohibited)

(2) Parallel Operation

Multiple DC/DC converters can be operated by connecting in parallel.
A maximum of 10 converters can be operated in parallel.

(3) Inrush Current

The DC/DC converter is not provided with a built-in inrush current prevention circuit.

(4) ADJUST

The DC/DC converter is not equipped with an adjustment function