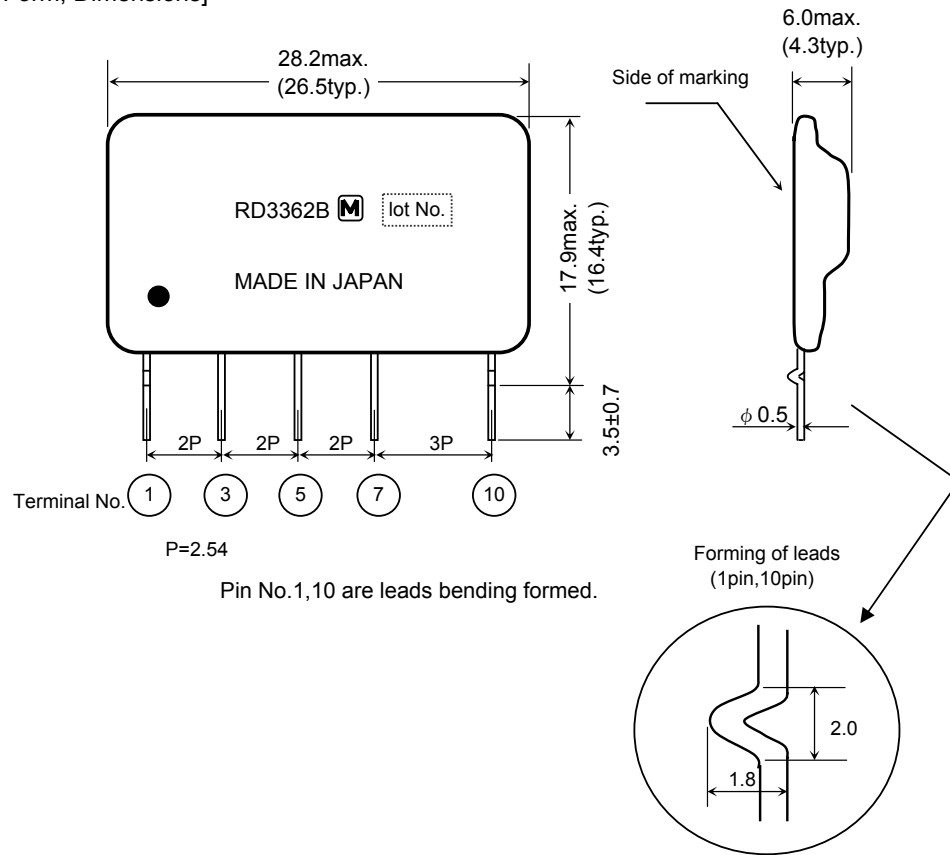


Part Name	DC-DC Converter	Part No. EHDRD3362B
		3 - 1

[External Form, Dimensions]



Unit ; mm

Item	Contents
Materials of leadpins	$\phi 0.5$ Fe Lead with Cu, Sn and Sn-Bi Plating
Color	Black
Material of resin	Phenol denatured epoxy resin (Flame class: UL94V-0)
External appearance	Without noticeable flaw and stain
Marking	Silver White and clear
注 Notes	Bottom Edge of Substrate must be molded
	Dimensions which have no tolerance show the typical values.
	Terminal No. 2, 4, 6, 8, 9 are removed.

Part Name DC-DC Converter	Part No. EHDRD3362B	3 - 2

[Absolute Maximum Ratings]

No.	Item	Symbol	Rating	Unit	Remarks
1	Power Supply	Vin	170	VDC	
2	Operational Temperature	Topr	-20 to +85	degC	Refer to derating curve. Avoid dew condensation (note3)
3	Storage Temperature	Tstg	-25 to +105	degC	

[Electric Characteristics]

Ambient Temperature : 25 degC

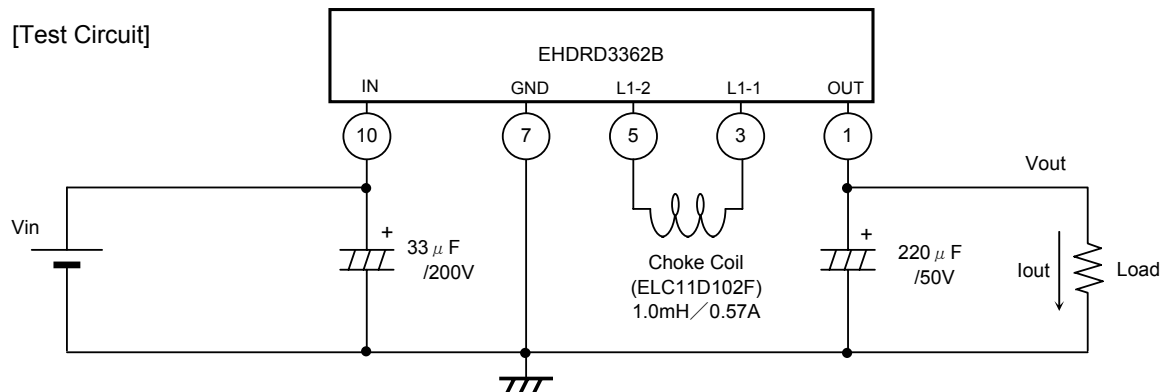
No.	Item	Symbol	Specification			Unit	Condition/notes
			Min.	Typ.	Max.		
1	Input voltage range	Vin	113	141	170	VDC	
2	Output voltage	Vout	23.00	24.60	25.50	VDC	Vin=141VDC Iout=100mA
3	Output current	Iout	—	—	200	mA	Vin=113 to 170VDC (note1)
4	Line regulation	Vr	—	0.05	0.20	VDC	Vin=113 to 170VDC Iout=100mA
5	Load regulation	VI	—	0.05	0.30	VDC	Vin=141VDC Iout=0 to 100mA
6	Output ripple voltage	Vp	—	0.06	0.20	Vp-p	Vin=141VDC Iout=100mA (note2)
7	Efficiency	η	70	84	—	%	Vin=141VDC Iout=200mA

note1 : Please refer to the derating curve for maximum output current.

note2 : The output ripple doesn't include the spike noise.

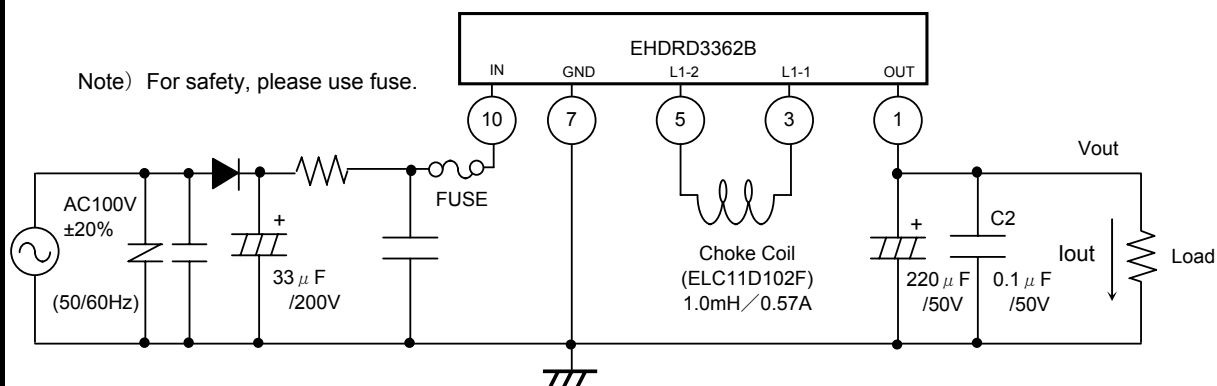
note3 : Avoid dew condensation always.

[Test Circuit]



We recommend Low impedance Aluminium capacitor for power supply.

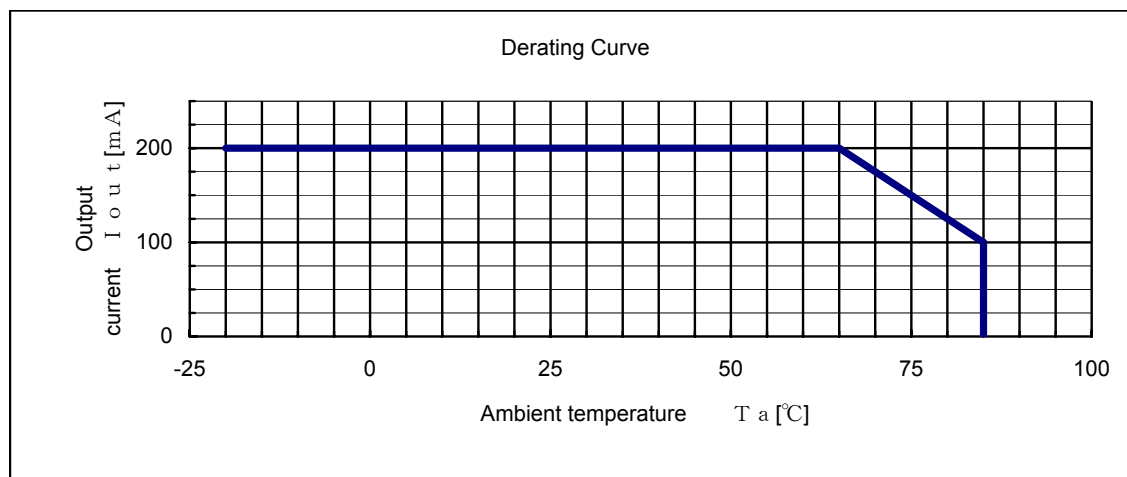
[Application]



We recommend Low impedance Aluminium capacitors for power supply.

[Derating Curve]

Vin=113V to 170VDC



[Circuit Diagram]

