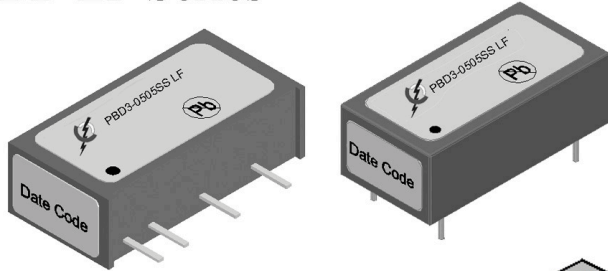


PBD LF Series



Features:

- Input Filter With Internal Capacitor
- Input / Output Isolation 1K Vdc Or 3K Vdc(H)
- Low Ripple And Noise
- 100% Burn-In
- Un-Regulated type
- Net Weight : 2.2 g / 2.7 g Typical
- 7 Pin SIL / 14 Pin DIL Package
- Custom Design Available

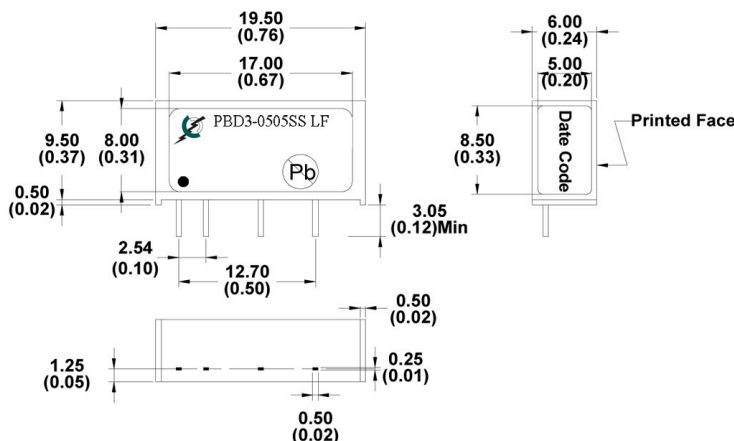
2W Isolated DC/DC Converter

Technical Specification

Model No.	Input Voltage (Vdc)	Output Voltage (Vdc)	Output Current (mA) Max	Input Current @No Load (mA) Typ.	Input Current @Max. Load (mA) Typ.	Output Ripple (mV) Max.	Load Regulation (%) Max.	Efficiency (%) Typ.
1) Single Output SIL Package Style								
PBD3-0505SS(H) LF	5	5	400	45	506	60	± 8	79
PBD3-0512SS(H) LF		12	167	42	500	100	± 8	80
PBD3-0515SS(H) LF		15	134	35	494	120	± 8	81
PBD3-1205SS(H) LF	12	5	400	26	211	60	± 8	79
PBD3-1212SS(H) LF		12	167	25	208	100	± 8	80
PBD3-1215SS(H) LF		15	134	24	206	120	± 8	81
PBD3-2405SS(H) LF	24	5	400	8	105	60	± 8	79
PBD3-2412SS(H) LF		12	167	7	101	100	± 8	82
PBD3-2415SS(H) LF		15	134	7	102	120	± 8	82
3) Dual Output SIL Package Style								
PBD3-0505S(H) LF	5	± 5	± 200	45	513	60	± 8	78
PBD3-0512S(H) LF		± 12	± 84	42	500	100	± 8	80
PBD3-0515S(H) LF		± 15	± 67	35	494	120	± 8	81
PBD3-1205S(H) LF	12	± 5	± 200	26	214	60	± 8	78
PBD3-1212S(H) LF		± 12	± 84	25	208	100	± 8	80
PBD3-1215S(H) LF		± 15	± 67	24	208	120	± 8	80
PBD3-2405S(H) LF	24	± 5	± 200	8	107	60	± 8	78
PBD3-247R2S(H) LF		± 7.2	± 139	8	107	75	± 8	78
PBD3-2412S(H) LF		± 12	± 84	7	103	100	± 8	81
PBD3-2415S(H) LF		± 15	± 67	7	102	120	± 8	82

Mechanical Dimensions (1/2):

SIL Package Style



Pin	Single Output		Pin	Dual Output	
	1K Vdc	3K Vdc		1K Vdc	1K Vdc
1	+Vin	+Vin	1	+Vin	+Vin
2	-Vin	-Vin	2	-Vin	-Vin
3	No Pin	No Pin	3	No Pin	No Pin
4	-Vo	No Pin	4	-Vo	No Pin
5	No Pin	-Vo	5	Common	-Vo
6	+Vo	No Pin	6	+Vo	Common
7	No Pin	+Vo	7	No Pin	+Vo