

### Features:

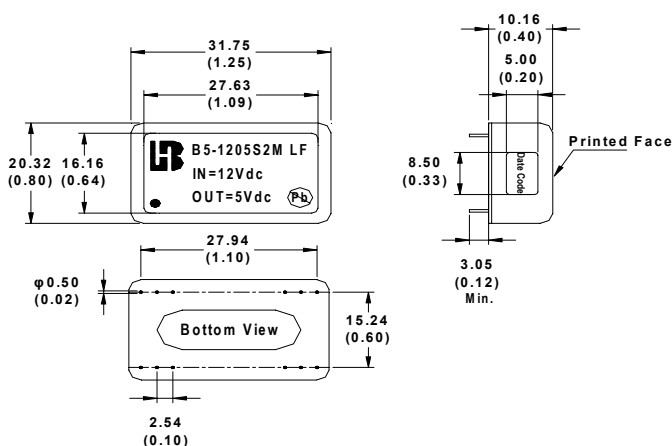
- Input Filter With Internal Capacitor
- Input / Output Isolation 1K Vdc Or 3K Vdc(H)
- Low Ripple And Noise
- 100% Burn-In
- Regulated type
- Net Weight : 11.3 g / 14 g Typical
- 24 Pin DIL Package
- Custom Design Available

### Technical Specification (1/2):

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.
<b>1) 1.5 W Single Output Series</b>								
B5-053R6S1(H) LF	5	3.6	400	28	443	60	± 0.5	65
B5-0505S1(H) LF		5	300	25	454	60	± 0.5	66
B5-1205S1(H) LF	12	5	300	16	184	60	± 0.5	68
B5-1212S1(H) LF		12	125	16	181	100	± 0.5	69
B5-2405S1(H) LF	24	5	300	5	96	60	± 0.5	65
B5-2415S1(H) LF		15	100	4	91	120	± 0.5	69
<b>2) 2.0 W Single Output Series</b>								
B5-0505S2(H) LF	5	5	400	45	615	70	± 0.5	65
B5-0509S2(H) LF		9	200	43	545	90	± 0.5	66
B5-1205S2(H) LF	12	5	400	18	252	70	± 0.5	66
B5-1209S2(H) LF		9	200	18	220	90	± 0.5	68
B5-1212S2(H) LF		12	167	18	245	100	± 0.5	68
B5-2405S2(H) LF	24	5	400	5	128	70	± 0.5	65
B5-2412S2(H) LF		12	167	5	121	100	± 0.5	69
<b>3) 3.0 W Single Output Series</b>								
B5-0505S3(H) LF	5	5	600	50	938	70	± 0.5	64
B5-0512S3(H) LF		12	250	45	910	100	± 0.5	66
B5-1205S3(H) LF	12	5	600	20	378	70	± 0.5	66
B5-1209S3(H) LF		9	333	20	362	90	± 0.5	69
B5-1212S3(H) LF		12	250	20	362	100	± 0.5	69
B5-2405S3(H) LF	24	5	600	6	192	70	± 0.5	65
B5-2412S3(H) LF		12	250	6	181	100	± 0.5	66

### Mechanical Dimensions (1/2):

#### Metal Case Model



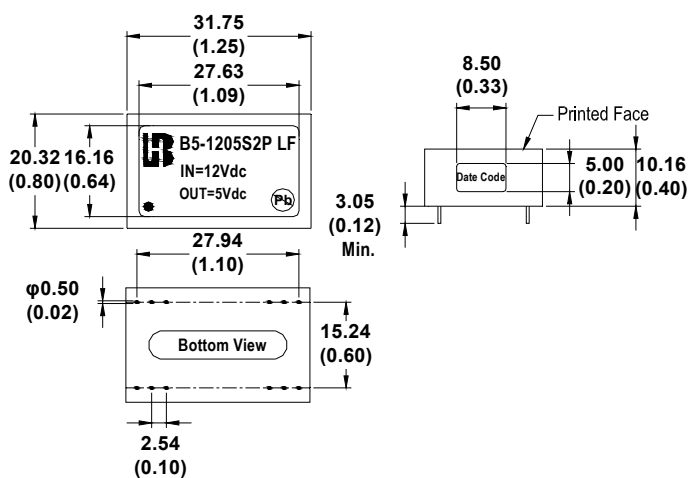
Pin	Single Output		Pin	Dual Output		Pin
1	+Vin	+Vin	24	+Vin	+Vin	24
2~3	NC	NC	22~23	-Vo	-Vo	22~23
4~9	No Pin	No Pin	16~21	Common	Common	16~21
10	-Vo	-Vo	15	No Pin	No Pin	15
11	+Vo	+Vo	14	Common	Common	14
12	-Vin	-Vin	13	+Vo	+Vo	13

**Technical Specification (2/2):**

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.
<b>4) 1.5 W Dual Output Series</b>								
B5-053R6D1(H) LF	5	± 3.6	± 200	28	443	70	± 2	65
B5-0505D1(H) LF		± 5	± 150	25	454	70	± 2	66
B5-1205D1(H) LF	12	± 5	± 150	16	184	70	± 2	68
B5-1212D1(H) LF		± 12	± 63	16	181	100	± 2	69
B5-2405D1(H) LF	24	± 5	± 150	5	96	70	± 2	65
B5-247R2D1(H) LF		± 7.2	± 100	5	91	75	± 2	66
B5-2415D1(H) LF		± 15	± 50	4	91	120	± 2	69
<b>5) 2.0 W Dual Output Series</b>								
B5-0505D2(H) LF	5	± 5	± 200	45	615	70	± 2	65
B5-0512D2(H) LF		± 12	± 83	43	606	100	± 2	66
B5-1205D2(H) LF	12	± 5	± 200	18	252	70	± 2	66
B5-2405D2(H) LF	24	± 5	± 200	5	128	70	± 2	65
B5-2412D2(H) LF		± 12	± 83	5	121	100	± 2	69
<b>6) 3.0 W Dual Output Series</b>								
B5-0505D3(H) LF	5	± 5	± 300	50	938	70	± 2	64
B5-0512D3(H) LF		± 12	± 125	45	910	100	± 2	66
B5-1205D3(H) LF	12	± 5	± 300	20	378	70	± 2	66
B5-1212D3(H) LF		± 12	± 125	20	362	100	± 2	69
B5-2405D3(H) LF	24	± 5	± 300	6	192	70	± 2	65
B5-2412D3(H) LF		± 12	± 125	6	181	100	± 2	69
B5-2415D3(H) LF		± 15	± 100	6	181	120	± 2	69

**Mechanical Dimensions (2/2):**

**Plastic Case Model**



Pin	Single Output	Pin
1	+Vin	24
2~3	NC	22~23
4~9	No Pin	16~21
10	-Vo	15
11	+Vo	14
12	-Vin	13

Pin	Dual Output	Pin
1	+Vin	24
2~3	-Vo	22~23
4~9	Common	16~21
10	No Pin	15
11	Common	14
12	+Vo	13