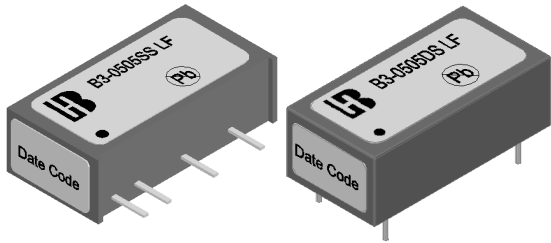


**Features:**

- 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

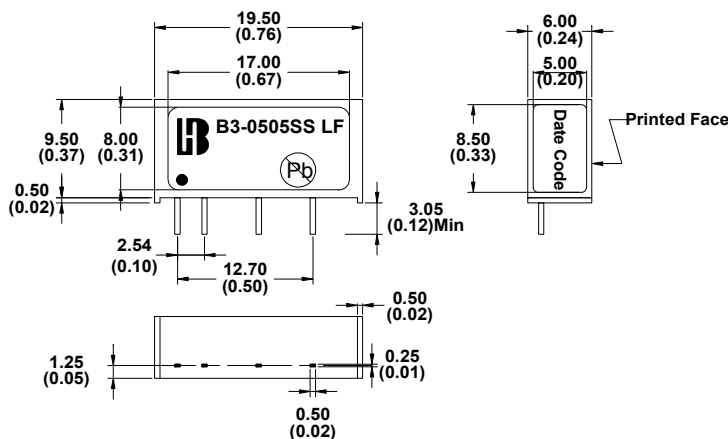


**Technical Specification (1/2):**

| 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) Single Output SIL Package Style</b> |                     |                      |                         |                                  |                                    |                         |                          |                    |
| B3-0505SS(H) LF                           | 5                   | 5                    | 400                     | 45                               | 506                                | 60                      | ± 8                      | 79                 |
| B3-0512SS(H) LF                           |                     | 12                   | 167                     | 42                               | 500                                | 100                     | ± 8                      | 80                 |
| B3-0515SS(H) LF                           |                     | 15                   | 134                     | 35                               | 494                                | 120                     | ± 8                      | 81                 |
| B3-1205SS(H) LF                           | 12                  | 5                    | 400                     | 26                               | 211                                | 60                      | ± 8                      | 79                 |
| B3-1212SS(H) LF                           |                     | 12                   | 167                     | 25                               | 208                                | 100                     | ± 8                      | 80                 |
| B3-1215SS(H) LF                           |                     | 15                   | 134                     | 24                               | 206                                | 120                     | ± 8                      | 81                 |
| B3-2405SS(H) LF                           | 24                  | 5                    | 400                     | 8                                | 105                                | 60                      | ± 8                      | 79                 |
| B3-2412SS(H) LF                           |                     | 12                   | 167                     | 7                                | 101                                | 100                     | ± 8                      | 82                 |
| B3-2415SS(H) LF                           |                     | 15                   | 134                     | 7                                | 102                                | 120                     | ± 8                      | 82                 |
| <b>3) Dual Output SIL Package Style</b>   |                     |                      |                         |                                  |                                    |                         |                          |                    |
| B3-0505S(H) LF                            | 5                   | ± 5                  | ± 200                   | 45                               | 513                                | 60                      | ± 8                      | 78                 |
| B3-0512S(H) LF                            |                     | ± 12                 | ± 84                    | 42                               | 500                                | 100                     | ± 8                      | 80                 |
| B3-0515S(H) LF                            |                     | ± 15                 | ± 67                    | 35                               | 494                                | 120                     | ± 8                      | 81                 |
| B3-1205S(H) LF                            | 12                  | ± 5                  | ± 200                   | 26                               | 214                                | 60                      | ± 8                      | 78                 |
| B3-1212S(H) LF                            |                     | ± 12                 | ± 84                    | 25                               | 208                                | 100                     | ± 8                      | 80                 |
| B3-1215S(H) LF                            |                     | ± 15                 | ± 67                    | 24                               | 208                                | 120                     | ± 8                      | 80                 |
| B3-2405S(H) LF                            | 24                  | ± 5                  | ± 200                   | 8                                | 107                                | 60                      | ± 8                      | 78                 |
| B3-247R2S(H) LF                           |                     | ± 7.2                | ± 139                   | 8                                | 107                                | 75                      | ± 8                      | 78                 |
| B3-2412S(H) LF                            |                     | ± 12                 | ± 84                    | 7                                | 103                                | 100                     | ± 8                      | 81                 |
| B3-2415S(H) LF                            |                     | ± 15                 | ± 67                    | 7                                | 102                                | 120                     | ± 8                      | 82                 |

**Mechanical Dimensions (1/2):**

**SIL Package Style**



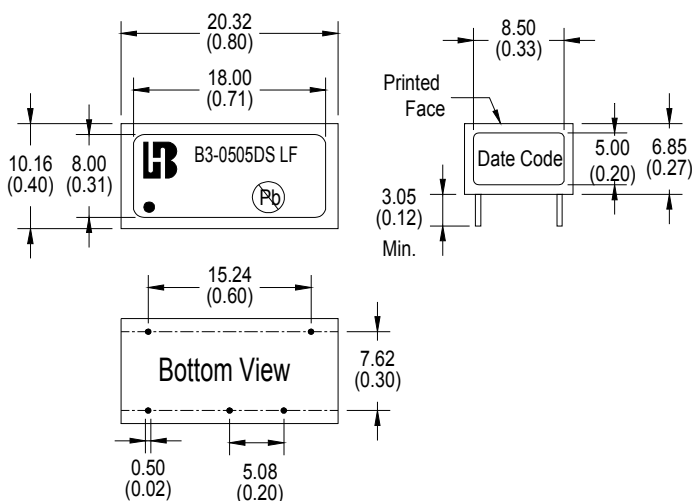
| Pin | Single Output |        | Pin | Dual Output |        |
|-----|---------------|--------|-----|-------------|--------|
|     | 1K Vdc        | 3K Vdc |     | 1K Vdc      | 1K Vdc |
| 1   | +Vin          | +Vin   | 1   | +Vin        | +Vin   |
| 2   | -Vin          | -Vin   | 2   | -Vin        | -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    |

**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>1) Single Output DIL Package Style</b> |                     |                      |                         |                                  |                                    |                         |                          |                    |
| B3-0505DS(H) LF                           | 5                   | 5                    | 400                     | 45                               | 506                                | 60                      | ± 8                      | 79                 |
| B3-0512DS(H) LF                           |                     | 12                   | 167                     | 42                               | 500                                | 100                     | ± 8                      | 80                 |
| B3-0515DS(H) LF                           |                     | 15                   | 134                     | 35                               | 494                                | 120                     | ± 8                      | 81                 |
| B3-1205DS(H) LF                           | 12                  | 5                    | 400                     | 26                               | 211                                | 60                      | ± 8                      | 79                 |
| B3-1212DS(H) LF                           |                     | 12                   | 167                     | 25                               | 208                                | 100                     | ± 8                      | 80                 |
| B3-1215DS(H) LF                           |                     | 15                   | 134                     | 24                               | 206                                | 120                     | ± 8                      | 81                 |
| B3-2405DS(H) LF                           | 24                  | 5                    | 400                     | 8                                | 105                                | 60                      | ± 8                      | 79                 |
| B3-2412DS(H) LF                           |                     | 12                   | 167                     | 7                                | 101                                | 100                     | ± 8                      | 82                 |
| B3-2415DS(H) LF                           |                     | 15                   | 134                     | 7                                | 102                                | 120                     | ± 8                      | 82                 |
| <b>3) Dual Output DIL Package Style</b>   |                     |                      |                         |                                  |                                    |                         |                          |                    |
| B3-0505D(H) LF                            | 5                   | ± 5                  | ± 200                   | 45                               | 513                                | 60                      | ± 8                      | 78                 |
| B3-0512D(H) LF                            |                     | ± 12                 | ± 84                    | 42                               | 500                                | 100                     | ± 8                      | 80                 |
| B3-0515D(H) LF                            |                     | ± 15                 | ± 67                    | 35                               | 494                                | 120                     | ± 8                      | 81                 |
| B3-1205D(H) LF                            | 12                  | ± 5                  | ± 200                   | 26                               | 214                                | 60                      | ± 8                      | 78                 |
| B3-1212D(H) LF                            |                     | ± 12                 | ± 84                    | 25                               | 208                                | 100                     | ± 8                      | 80                 |
| B3-1215D(H) LF                            |                     | ± 15                 | ± 67                    | 24                               | 208                                | 120                     | ± 8                      | 80                 |
| B3-2405D(H) LF                            | 24                  | ± 5                  | ± 200                   | 8                                | 107                                | 60                      | ± 8                      | 78                 |
| B3-247R2D(H) LF                           |                     | ± 7.2                | ± 139                   | 8                                | 107                                | 75                      | ± 8                      | 78                 |
| B3-2412D(H) LF                            |                     | ± 12                 | ± 84                    | 7                                | 103                                | 100                     | ± 8                      | 81                 |
| B3-2415D(H) LF                            |                     | ± 15                 | ± 67                    | 7                                | 102                                | 120                     | ± 8                      | 82                 |

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

**DIL Package Style**



| Pin | 1K Vdc-Single |        | Pin | 3K Vdc-Single |        | Pin |
|-----|---------------|--------|-----|---------------|--------|-----|
| 1   | -Vin          | +Vin   | 14  | -Vin          | +Vin   | 14  |
| 2   | No Pin        | No Pin | 13  | No Pin        | No Pin | 13  |
| 3   |               |        | 12  |               |        | 12  |
| 4   |               |        | -Vo |               |        | 11  |
| 5   | No Pin        | No Pin | 10  | No Pin        | No Pin | 10  |
| 6   |               |        | +Vo |               |        | 9   |
| 7   | NC            | No Pin | 8   | NC            | +Vo    | 8   |

| Pin | 1K Vdc-Dual |        | Pin | 3K Vdc-Dual |        | Pin |
|-----|-------------|--------|-----|-------------|--------|-----|
| 1   | -Vin        | +Vin   | 14  | -Vin        | +Vin   | 14  |
| 2   | No Pin      | No Pin | 13  | No Pin      | No Pin | 13  |
| 3   |             |        | 12  |             |        | 12  |
| 4   |             |        | -Vo |             |        | 11  |
| 5   | No Pin      | No Pin | 10  | No Pin      | No Pin | 10  |
| 6   |             |        | +Vo |             |        | 9   |
| 7   | NC          | Common | 8   | NC          | +Vo    | 8   |