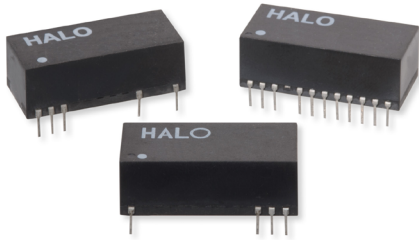


# 2W DC/DC Converters

DIL 2W DC/DC Converters for 10BASE2 and 10BASE5 Applications



## Product Features:

- 2 Watt DC/DC Converter
- 10BASE2 and 10BASE5
- 100% Compliance Testing
- With and Without Enable Feature

| Part Number | Schematic/<br>Package | Input (max)<br>Voltage/Current | Output (max)<br>Voltage/Current | Isolation<br>Vrms | Enable<br>Function | Temp.<br>Range |
|-------------|-----------------------|--------------------------------|---------------------------------|-------------------|--------------------|----------------|
| DCU0-0509C  | C                     | 5Vdc @ 600mA                   | 9Vdc @ 250mA                    | 500               | -                  | 0 to 70°C      |
| DCU0-0509D  | D                     | 5Vdc @ 600mA                   | 9Vdc @ 250mA                    | 500               | -                  | 0 to 70°C      |
| DCU0-0509E  | E                     | 5Vdc @ 600mA                   | 9Vdc @ 250mA                    | 500               | Active Low         | 0 to 70°C      |
| DCU0-0509E1 | E1                    | 5Vdc @ 600mA                   | 9Vdc @ 250mA                    | 500               | Active High        | 0 to 70°C      |
| DCU0-0509MD | MD                    | 5Vdc @ 600mA                   | 9Vdc @ 225mA                    | 500               | -                  | 0 to 70°C      |
| DCU0-0512C  | C                     | 5Vdc @ 600mA                   | 12Vdc @ 185mA                   | 500               | -                  | 0 to 70°C      |
| DCU0-0512D  | D                     | 5Vdc @ 600mA                   | 12Vdc @ 185mA                   | 500               | -                  | 0 to 70°C      |
| DCU0-0512MD | MD                    | 5Vdc @ 600mA                   | 12Vdc @ 180mA                   | 500               | -                  | 0 to 70°C      |
| DCU0-1209C  | C                     | 12Vdc @ 250mA                  | 9Vdc @ 250mA                    | 500               | -                  | 0 to 70°C      |
| DCU0-1209D  | D                     | 12Vdc @ 250mA                  | 9Vdc @ 250mA                    | 500               | -                  | 0 to 70°C      |
| DCU0-1209E  | E                     | 12Vdc @ 250mA                  | 9Vdc @ 250mA                    | 500               | Active Low         | 0 to 70°C      |
| DCU0-1209E1 | E1                    | 12Vddc @ 250mA                 | 9Vdc @ 250mA                    | 500               | Active High        | 0 to 70°C      |
| DCU2-0509E  | E                     | 5Vdc @ 600mA                   | 9Vdc @ 250mA                    | 2,000             | Active Low         | 0 to 70°C      |
| DCU2-1209E  | E                     | 12Vdc @ 250mA                  | 9Vdc @ 250mA                    | 2,000             | Active Low         | 0 to 70°C      |

## Notes:

1. Please contact the factory or representative for individual datasheets or additional information

# HALO 2Watt DC/DC Converter

## Schematic C/D

## Schematic E

## Schematic E1

## Schematic MD

### Pin Connections

| Function |        |
|----------|--------|
| Input+   | 1, 24  |
| Input-   | 12, 13 |
| Output+  | 11, 14 |
| Output-  | 10, 15 |

### Pin Connections

| Function |        |
|----------|--------|
| Input+   | 1, 2   |
| Input-   | 23, 24 |
| Enable   | 3      |
| Output+  | 12     |
| Output-  | 9      |
| N/C      | 13     |

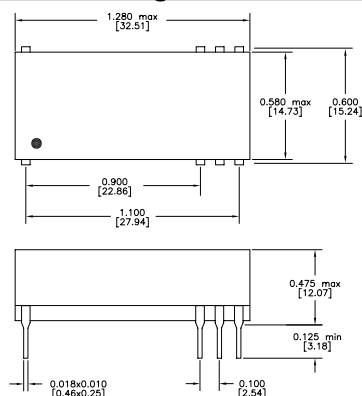
### Pin Connections

| Function |        |
|----------|--------|
| Input+   | 1, 24  |
| Input-   | 12, 13 |
| Output+  | 11, 14 |
| Output-  | 10, 15 |
| N/C      |        |

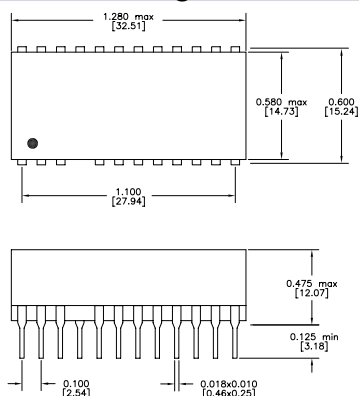
### Pin Connections

| Function |       |
|----------|-------|
| Input+   | 1, 16 |
| Input-   | 8, 9  |
| Output+  | 7, 10 |
| Output-  | 6, 11 |

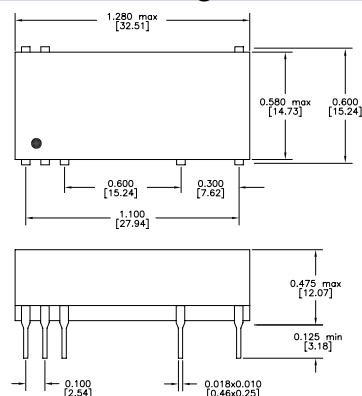
## Package C



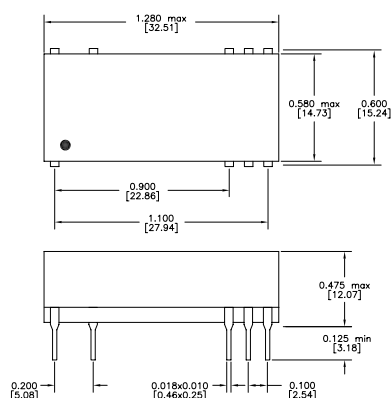
## Package D



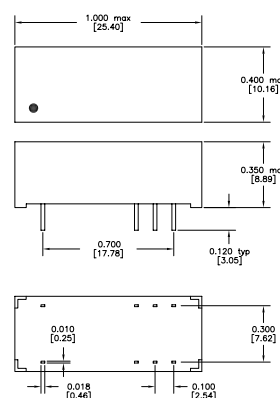
## Package E



## Package E1



## Package MD



Dimensions: inch [mm]  
 Co-Planarity: 0.004 [0.10]



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