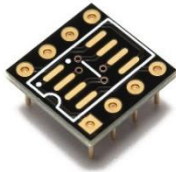


# SOIC to DIP Adapter – 8-pin

BrownDog™ Electronic Component Adapters by Cimarron Technology



|                              |                             |
|------------------------------|-----------------------------|
| <b>Model number</b>          | 970601                      |
| <b>Description</b>           | SOIC-8 to 8-pin DIP adapter |
| <b>Board material</b>        | FR-4                        |
| <b>Copper surface finish</b> | ENIG                        |

## Dimensions

|                                 | <b>U.S. Customary</b>  | <b>Metric</b>        |
|---------------------------------|------------------------|----------------------|
| <b>Board outline (L by W)</b>   | 0.400 in. by 0.400 in. | 10.16 mm by 10.16 mm |
| <b>SMD pitch</b>                | 0.050 in.              | 1.27 mm              |
| <b>Pin pitch</b>                | 0.100 in.              | 2.54 mm              |
| <b>Pin row spacing</b>          | 0.300 in.              | 7.62 mm              |
| <b>Solder tail pin diameter</b> | 0.018 in.              | 0.457 mm             |

## Part numbering

| <b>Part number</b>    | <b>Description</b>   |
|-----------------------|--|
| <b>970601-S</b>       | Standard solder tail pins installed, unpopulated   |
| <b>970601-S-[MPN]</b> | Standard solder tail pins installed, populated with component [MPN=manufacturer's part number] |
| <b>970601-N</b>       | No pins installed  |

## Pin mapping

| <b>SOIC-8 SMD pad number</b> | <b>8-pin DIP pin number</b> |
|------------------------------|-----------------------------|
| 1                            | 1                           |
| 2                            | 2                           |
| 3                            | 3                           |
| 4                            | 4                           |
| 5                            | 5                           |
| 6                            | 6                           |
| 7                            | 7                           |
| 8                            | 8                           |