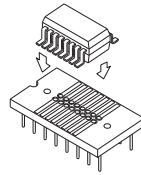
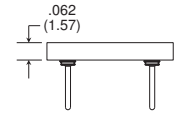


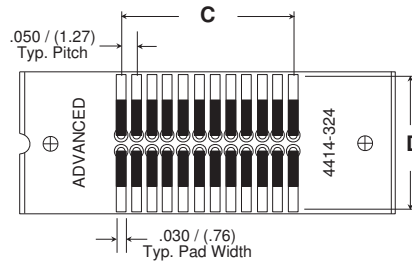
### Table of Models



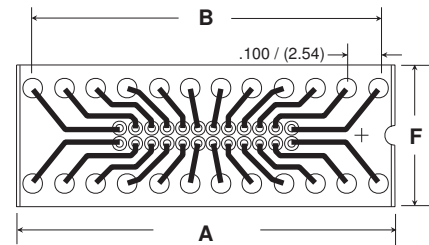
Description: **SOIC to DIP Adapter (4414)**  
Material: Copper Clad FR-4  
Index: -40°C to 140°C (-40°F to 284°F)  
Device attach service available.



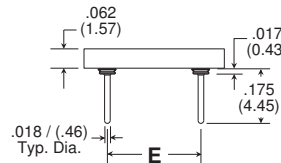
### Dimensional Information



Top View



Bottom View



Side View



| Standard Part Numbers | Lead-free Part Numbers | # of Pins | Pkg. <sup>1</sup> Qty. | A                | B                | C               | D               | E               | F               |
|-----------------------|------------------------|-----------|------------------------|------------------|------------------|-----------------|-----------------|-----------------|-----------------|
| 4414-308              | 4414-308LF             | 8         | 70                     | .400<br>(10.16)  | .300<br>(7.62)   | .150<br>(3.81)  | .429<br>(10.90) | .300<br>(7.62)  | .450<br>(11.43) |
| 4414-314              | 4414-314LF             | 14        | 42                     | .700<br>(17.78)  | .600<br>(15.24)  | .300<br>(7.62)  | .429<br>(10.90) | .300<br>(7.62)  | .450<br>(11.43) |
| 4414-316              | 4414-316LF             | 16        | 35                     | .800<br>(20.32)  | .700<br>(17.78)  | .350<br>(8.89)  | .429<br>(10.90) | .300<br>(7.62)  | .450<br>(11.43) |
| 4414-320              | 4414-320LF             | 20        | 28                     | 1.000<br>(25.40) | .900<br>(22.86)  | .450<br>(11.43) | .429<br>(10.90) | .300<br>(7.62)  | .450<br>(11.43) |
| 4414-324              | 4414-324LF             | 24        | 21                     | 1.200<br>(30.48) | 1.100<br>(27.94) | .550<br>(13.97) | .429<br>(10.90) | .300<br>(7.62)  | .450<br>(11.43) |
| 4414-328              | 4414-328LF*            | 28        | 21                     | 1.390<br>(35.31) | 1.300<br>(33.02) | .650<br>(16.51) | .429<br>(10.90) | .300<br>(7.62)  | .450<br>(11.43) |
| 4414-628*             | 4414-628LF*            | 28        | 18                     | 1.400<br>(35.56) | 1.300<br>(33.02) | .650<br>(16.51) | .650<br>(16.51) | .600<br>(15.24) | .750<br>(19.05) |
| 4414-632*             | 4414-632LF*            | 32        | 10                     | 1.600<br>(40.64) | 1.500<br>(38.10) | .750<br>(19.05) | .650<br>(16.51) | .600<br>(15.24) | .750<br>(19.05) |

\* Consult factory for availability.

<sup>1</sup> Please order in multiples of stated package quantity.

### Features:

- Adapter allows present Gull Wing devices to be solderable or socketable in a thru-hole application.
- Pin spacing allows space for conductor runs on PCB.
- Saves space (X, Y & Z) when used with Advanced sockets.
- Radius ends of adapter pins to improve socketing.
- Allows testing with standard test clips.
- RoHS Compliant designs available.
- Device attach service available.

### Specifications:

#### Body Material:

Copper Clad FR-4  
U.L. Rated 94V-0

#### Pad Plating:

Standard: Tin/Lead Solder  
Lead-free: Immersion Gold

#### Terminals:

Brass - Copper Alloy  
(C36000) ASTM-B-16

#### Terminal Plating:

Standard: Tin/Lead over Nickel  
Lead-free: Gold over Nickel

Gold per ASTM-B-488

Tin/Lead per MIL-P-81728

Nickel per QQ-N-290



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Catalog 16

Products shown covered by patents issued and/or pending. Specifications subject to change without notice.

inch/(mm)