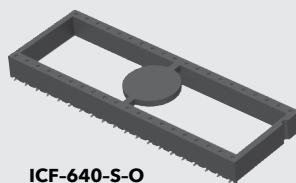
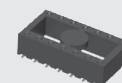
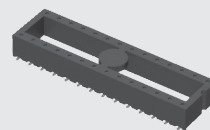


(2.54 mm) .100"



ICF-640-S-O

ICF-328-T-O



ICF-314-S-O

ICF SERIES

# SURFACE MOUNT DIP SOCKET

## SPECIFICATIONS

For complete specifications and recommended PCB layouts see [www.samtec.com/ICF](http://www.samtec.com/ICF)

### Insulator Material:

Black Liquid Crystal Polymer

### Contact Material:

BeCu

### Plating:

Sn or Au over

50  $\mu$ " (1.27  $\mu$ m) Ni

### Operating Temp Range:

-55 °C to +125 °C

### Insertion Depth:

(2.54 mm) .100" to

(3.81 mm) .150"

### Insertion Force/Contact:

(1.39 N) 5 oz average

### Withdrawal Force/Contact:

(1.11 N) 4 oz average

### RoHS Compliant:

Yes

## PROCESSING

### Lead-Free Solderable:

Yes

### SMT Lead Coplanarity:

(0.15 mm) .006" max\*

\*(.004" stencil solution may be available; contact [ipg@samtec.com](mailto:ipg@samtec.com))

## RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



FILE NO. E111594

## TYPE SOCKET

**ICF**  
=Surface Mount  
IC Socket

## ROW SPACING & NO. OF CONTACTS

## PLATING OPTION

**-S**  
=30  $\mu$ " (0.76  $\mu$ m)  
Gold on contact,  
Matte Tin on tail

**-T**  
= Matte Tin

## TAIL OPTION

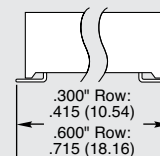
## OTHER OPTION

**-TR**  
=Tape &  
Reel  
Packaging

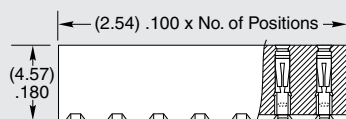
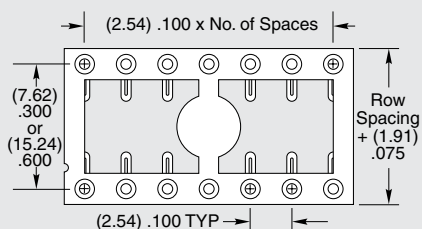
**-I**  
=Tails In



**-O**  
=Tails Out



Specify from chart below



| "-XXX" | Row Space    | No. of Contacts |
|--------|--------------|-----------------|
| -308   | (7.62) .300  | 08              |
| -314   |              | 14              |
| -316   |              | 16              |
| -318   |              | 18              |
| -320   |              | 20              |
| -328   | (15.24) .600 | 28              |
| -624   |              | 24              |
| -628   |              | 28              |
| -632   |              | 32              |
| -640   |              | 40              |

**Note:**  
Some sizes, styles and options are non-standard, non-returnable.

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)

Unless otherwise approved in writing by Samtec, all parts and components are designed and built according to Samtec's specifications which are subject to change without notice.