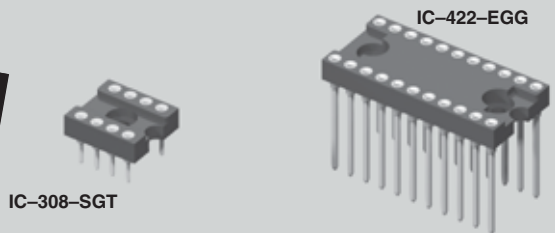




MOLD-TO-POSITION PRODUCT
 Minimums or set-up charges may apply. Call Samtec.



SCREW MOUNT DIP SOCKETS IC SERIES

Mates with:
 AP, APS, APO,
 APA, APH

Highest reliability DIP sockets

IC series DIP sockets feature U.L. rated G.F. polyester body with mounting holes and use precision machined lead sockets for high reliability in the most demanding applications.

SPECIFICATIONS

Insulator Material: Black Glass Filled Polyester
 File No. E111594

Flammability Rating: UL 94V-0

Insulation Resistance: 5000 megohm @ 500 VDC

Temperature Range: -55°C to +125°C

Withstanding Voltage: 1000 VRMS @ 60 Hz

Contact: BeCu

Shell: Brass except style K
 Phosphor Bronze

Plating: Au over 50µ" Ni or Sn over 100µ" Cu or 50µ" Ni

Current Rating: 1 amp continuous @ 100 VDC per contact

Contact Resistance: 10 milliohms @ 200 milliamp

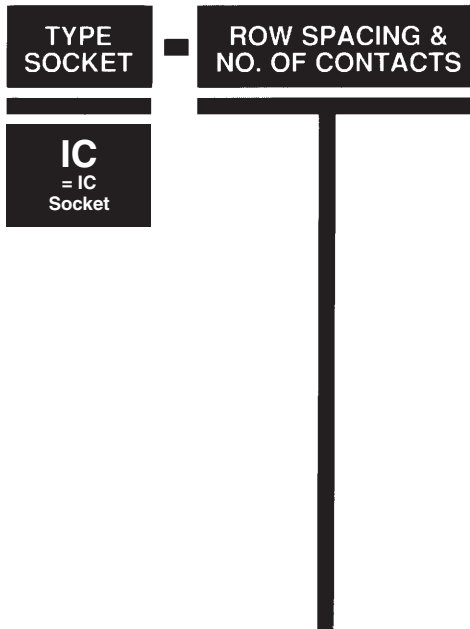
Socket Retention in Body: 5 lbs against barb

Lead Size Range: .015" to .022" DIA and most IC leads

Insertion Force: Standard = 9 oz avg, 16 oz max (.017" DIA probe); Low Insertion Force = 2.5 oz avg, 5.5 oz max (.018" DIA probe)

Withdrawal Force: Standard = 2.5 oz avg, 1.5 oz min (after 12 insertions with .017" DIA probe); Low Insertion Force = 2.0 oz avg, 0.35 oz min (after 12 insertions with .018" DIA probe)

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



-S*, -A*, or -J
 = Printed Circuit
 * For LIF Specify -ZS or -ZA

LEAD STYLE	X DIA	Y TAIL	Z
-S or -ZS	(0,51) .020	(3,18) .125	(7,62) .300
-A or -ZA	(0,51) .020	(4,57) .180	(8,89) .350
-J	(0,64) .025	(10,41) .410	(15,24) .600

Locking lead (-L) available. See OPTION.

Style S, ZS, A, ZA & J Insertion Depth = .095" to .150"
 Style S Component Part No. = SC-1P1
 Style ZS Component Part No. = EZ-1P1
 Style A Component Part No. = SC-6P1
 Style ZA Component Part No. = EZ-6P1
 Style J Component Part No. = SC-1P3
 Option L Insertion Depth = .095" to .150"
 Option L Component Part No. = SC-1L1 or EZ-1L1

-L OPTION

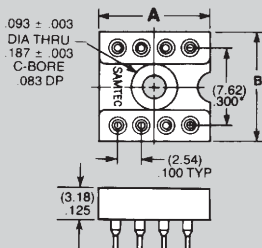
Low Insertion Force (LIF) Contacts Available.

- 306 = .300 Row / 6 Contacts**
- 308 = .300 Row / 8 Contacts**
- 310 = .300 Row / 10 Contacts**

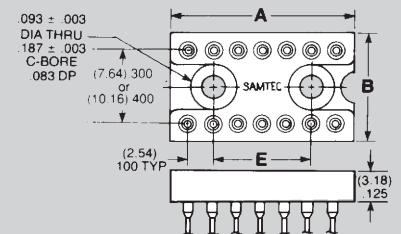
- 314 = .300 Row / 14 Contacts**
- 316 = .300 Row / 16 Contacts**
- 318 = .300 Row / 18 Contacts**
- 320 = .300 Row / 20 Contacts**
- 324 = .300 Row / 24 Contacts**
- 422 = .400 Row / 22 Contacts**
- 424 = .400 Row / 24 Contacts**

Part No.	A Length	B Width
IC-306	(8,89) .350	(10,16) .400
IC-308	(11,43) .450	(10,16) .400
*IC-310	(13,97) .550	(10,16) .400

* Mounting hole off center on 10 position.



Part No.	A Length	B Width	E Mnt Holes
IC-314	(17,78) .700	(10,16) .400	(10,16) .400
IC-316	(20,32) .800	(10,16) .400	(12,70) .500
IC-318	(22,86) .900	(10,16) .400	(15,24) .600
IC-320	(25,40) 1.000	(10,16) .400	(17,78) .700
IC-324	(30,48) 1.200	(10,16) .400	(22,86) .900
IC-422	(27,94) 1.100	(10,16) .400	(20,32) .800
IC-424	(30,48) 1.200	(12,70) .500	(22,86) .900



Due to technical progress, all designs, specifications and components are subject to change without notice.

WWW.SAMTEC.COM

