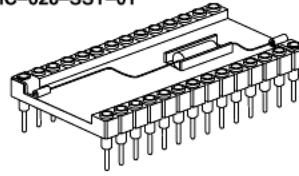


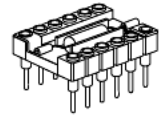


MOLD-TO-POSITION PRODUCT
 Minimums or set-up charges may apply. Call Samtec.

CIC-628-SST-01



CIC-312-SGT-02



CAPACITOR/IC SOCKETS

CIC SERIES

Mates with:
 APO, APA

High Reliability Capacitor/IC Sockets

Samtec high-reliability Capacitor/IC sockets have an internally mounted decoupling capacitor to eliminate noise.

Precision machined socket shells have either standard or low insertion force contacts. A unique clip provides gas-tight connection of capacitor leads to the lead socket. See test data section of catalog. Complete report from independent lab available on request.

SPECIFICATIONS

For complete specifications see www.samtec.com?CIC

Insulator Material:
 Black Glass Filled Polyester



Flammability Rating:
 UL 94V-0

Insulation Resistance:
 5000 MΩ min

Operating Temp Range:
 -55°C to +125°C with Gold
 -55°C to +105°C with Tin

Withstanding Voltage:
 1000 VRMS

Contact: BeCu
Shell: Brass

Plating:
 Au 50μ" (1,27μm) Ni
Current Rating:
 1 A

Contact Resistance:
 10 mΩ max

Socket Retention in Body:
 5 lbs against barb

Insertion Force:
 Standard = 9 oz (2,50N)
 avg, 16 oz (4,45N) max

Low Insertion Force = 2.5 oz (0,70N) avg, 5.5 oz (1,53N) max

Withdrawal Force:
 Standard = 2.5 oz (0,70N)
 avg, 1.5 oz (0,42N) min

Low Insertion Force = 2.0 oz (0,56N) avg, 0.35 oz (0,19N) min

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

CIC	ROW SPACING & NO. OF CONTACTS	STYLE OPTION	PLATING OPTION	CAP SUFFIX	OTHER OPTION
-312	= .300 Row 12 Contacts		GG = 30μ" (0,76μm) Gold Contact, 10μ" (0,25μm) Gold Shell	-01 = .01μf	-L = Locking Socket Requires .040"±.003" board hole.
-314	= .300 Row 14 Contacts		GT = 30μ" (0,76μm) Gold Contact, Tin Shell	-02 = .1μf	
-316	= .300 Row 16 Contacts		TT = Tin Contact and Shell	-05 = .33μf	Requires GT Plating Option
-318	= .300 Row 18 Contacts		ST = 10μ" (0,25μm) Gold Contact, Tin Shell		
-320	= .300 Row 20 Contacts	<p>Specify row spacing and number of contacts First number is 10 times row spacing. Second two numbers are number of contacts.</p>			
-322	= .300 Row 22 Contacts				
-324	= .300 Row 24 Contacts				
-624	= .600 Row 24 Contacts				
-626	= .600 Row 26 Contacts				
-628	= .600 Row 28 Contacts				
-630	= .600 Row 30 Contacts				
-632	= .600 Row 32 Contacts				
-634	= .600 Row 34 Contacts				
-636	= .600 Row 36 Contacts				
-638	= .600 Row 38 Contacts				
-640	= .600 Row 40 Contacts				
			-S = Standard Solder Tail For LIF specify -ZS		<p>Lead DIA Accepted = .015" (0,38mm) to .022" (0,56mm) Insertion Depth = .095" (2,41mm) to .145" (3,68mm). Style S Component Part No. = SC-1P1 Style ZS Component Part No. = EZ-1P1 Option L Component Part No. = SC-1L1 or EZ-1L1</p>

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

WWW.SAMTEC.COM