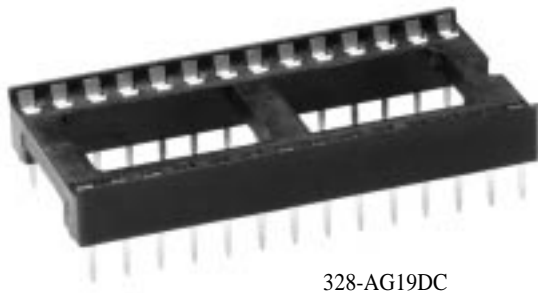
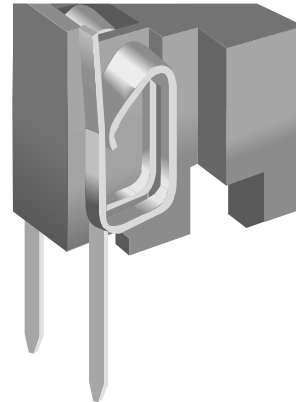


300C Series *Stamped Dual Wipe Contact DIP Sockets*

A




328-AG19DC



FEATURES:

The Augat 300C Series dual wipe contact adds a new family of product to Augat's low cost DIP socket line.

- Closed bottom prevents solder wicking
- Standoff's facilitate board cleaning
- Low profile design
-  Recognized under the Component Program of Underwriters Laboratories, Inc. File No. E111362

APPLICATION DIMENSIONS:

- PCB Thickness Range: Standard .062" and .092" (1,57 and 2,34)
- PCB Hole Size Range: .035" ± .003" (0,89 ± 0,08) standard tail
- IC Pin Dimension Range: .008" x .015" (0,20 x 0,38) through .013" x .020" (0,33 x 0,51), .100" (2,54) min. length

MATERIAL SPECIFICATIONS:

Insulator Thermoplastic polyester, UL rated 94V-0
 Contacts Phosphor bronze
 Plating Tin/lead

PERFORMANCE SPECIFICATIONS:

MECHANICAL

Vibration Passed MIL-STD-1344, Method 2005.1, Condition III, 15 G's
 Shock Passed MIL-STD-1344, Method 2004.1, Condition G, 100 G's
 Durability Passed MIL-STD-1344, Method 2016
 Normal Force 170 Grams (6.0 oz.) with .009" x .015" (0,23 x 0,38) IC lead typ.
 Contact Retention 340 Grams (12.0 oz.) minimum
 Solderability Passed MIL-STD-202, Method 208
 Insertion Force 169 Grams (6.0 oz.) average with a .013" x .020" (0,33 x 0,51) dia. polished steel pin
 Withdrawal Force 43 Grams (1.5 oz.) average with a .009" x .015" (0,23 x 0,38) dia. polished steel pin

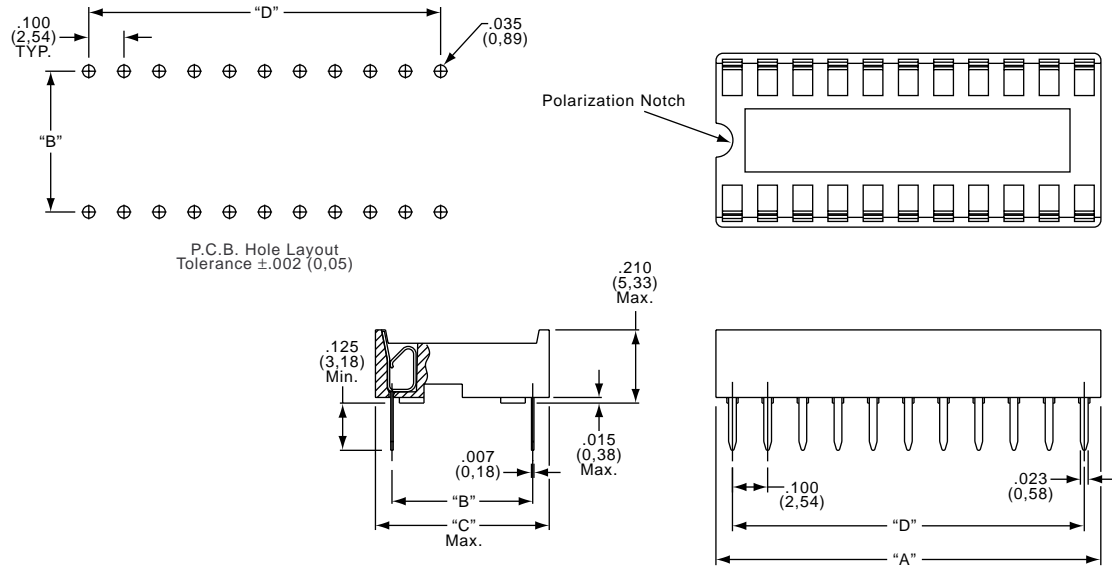
ELECTRICAL

Contact Resistance 10 Milliohms
 Contact Rating 2 Amps
 Capacitance5 pF per MIL-STD-202, Method 305 (Adjacent contacts max.)
 Insulation Resistance 5,000 Megohms @ 500 VDC per MIL-STD-1344, Method 3003.1
 Dielectric Withstanding
 Voltage 1,000 Volts RMS per MIL-STD-1344, Method 3001

ENVIRONMENTAL

Humidity Passed MIL-STD-1344, Method 1002.2
 Thermal Shock Passed MIL-STD-1344, Method 1003.1
 Temperature Cycling Passed MIL-STD-1344, Method 1003.1
 Operation Temperature .. Gold -55°C to +125°C
 Tin -55°C to +105°C
 Salt Spray Passed MIL-STD-1344, Method 1001.1

Stamped Dual Wipe Contact DIP Sockets 300C Series



STANDARD CONFIGURATIONS/PART NUMBERS

Part Number	Number of Contacts	A	B*	C	D	Part Number	Number of Contacts	A	B*	C	D
306-AG19DC *	6	.300 (7,62)	.300 ± .005 (7,62 ± 0,13)	.400 (10,16)	.200 (5,08)	324-AG19DC	24	1.200 (30,48)	.600 ± .005 (15,24 ± 0,13)	.700 (17,78)	1.100 (27,94)
308-AG19DC *	8	.400 (10,16)			.300 (7,62)	324-1G7 *	24	1.200 (30,48)			1.100 (27,94)
314-AG19DC *	14	.700 (17,78)			.600 (15,24)	328-AG19DC	28	1.400 (35,56)			1.300 (33,02)
316-AG19DC *	16	.800 (20,32)			.700 (17,78)	328-1G7 *	28	1.400 (35,56)			1.300 (33,02)
318-AG19DC *	18	.900 (22,86)			.800 (20,32)	332-AG19DC	32	1.600 (40,64)			1.500 (38,10)
320-AG19DC *	20	1.000 (25,40)			.900 (22,86)	332-1G7 *	32	1.600 (40,64)			1.500 (38,10)
324-AG10DC *	24	1.200 (30,48)			1.100 (27,94)	340-AG19DC	40	2.000 (50,80)			1.900 (48,26)
328-AG10DC	28	1.400 (35,56)			1.300 (33,02)	340-1G7 *	40	2.000 (50,80)			1.900 (48,26)
328-10G7 *	28	1.400 (35,56)			1.300 (33,02)	342-AG19DC	42	2.100 (53,34)			2.000 (50,80)
332-AG10DC	32	1.600 (40,64)			1.500 (38,10)						

* Denotes Open Frame Design

Part Number	Number of Contacts	A	B*	C	D
322-AG19DC	22	1.100 (27,94)	.400 ± .005 (10,16 ± 0,13)	.500 (12,70)	1.000 (25,40)

Open Frame

Ladder



328-10G7



328-AG10DC

Need more technical information?

Contact your local ABE office or
<http://www.AboveBoardElectronics.com>