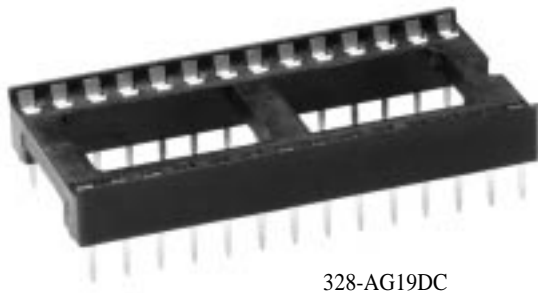
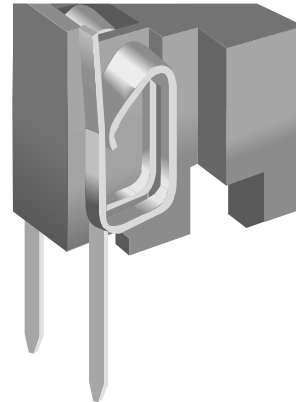


300C Series *Stamped Dual Wipe Contact DIP Sockets*

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

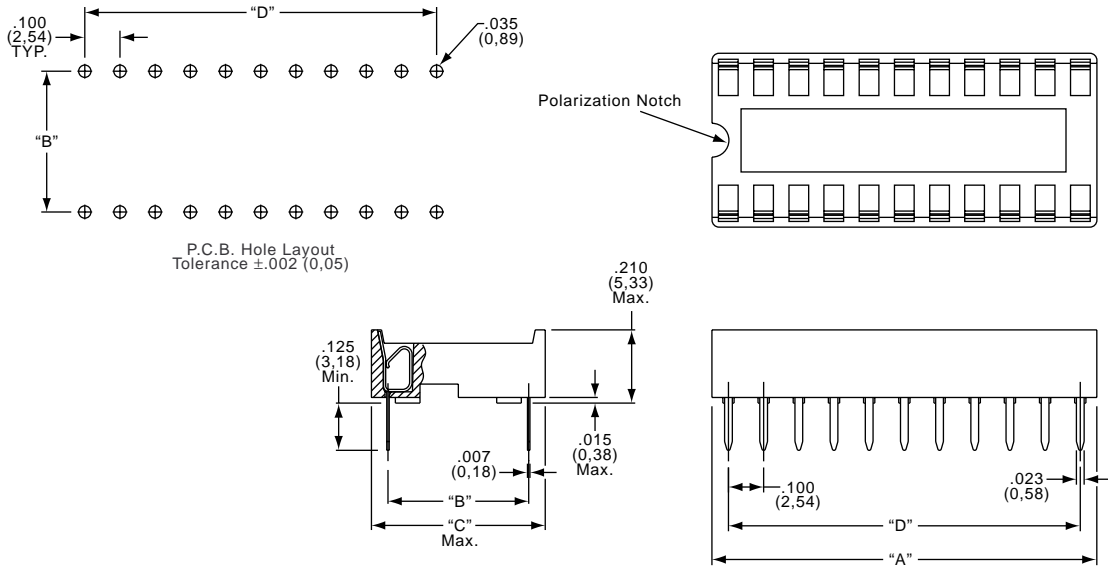
ELECTRICAL

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?

Consult your Thomas & Betts sales office listed on the back cover