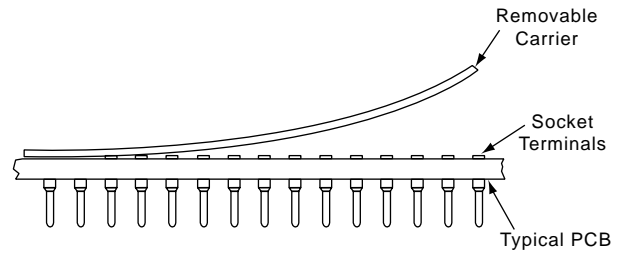


MCK Series *DIP Sockets*

A



MCK-RGHT-316



FEATURES:

The Augat VisInPak™ Family allows gang mounting of socket terminals without the need for a permanent insulator. The removable carrier withstands temperature up to 400°C, typical of soldering, vapor phase and infrared processed. Various terminal choices provide a full range of mounting profiles.

- Available in all DIP patterns
- Four socket profiles
- The Visual Inspection Package provides easy cleaning and solder joint inspection

APPLICATION DIMENSIONS:

Contact Styles: H, R, B

- PCB Thickness Range: Standard .062" and .092" (1,57 and 2,34)
- IC Pin Dimension Range: .016" to .021" (0,41 to 0,53) dia. .105" (2,67) min. length

Contact Style: A

- PCB Thickness Range: Standard .062" and .092" (1,57 and 2,34)
- IC Pin Dimension Range: .016" to .019" (0,41 to 0,48) dia. .100" (2,54) min. length

MATERIAL SPECIFICATIONS:

Carrier KAPTON® or equivalent
 Inner Contact Beryllium copper, gold or tin/lead plated
 Outer Sleeve Brass or copper, gold or tin/lead plated

PERFORMANCE SPECIFICATIONS:

MECHANICAL

Vibration

- Type H, R, A Passed MIL-STD-1344, Method 2005.1, Condition III, 15 G's
- Type B Passed MIL-STD-1344, Method 2005.1, Condition V/J

Shock

- Type H, R, A Passed MIL-STD-1344, Method 2004.1, Condition G, 100 G's
- Type B Passed MIL-STD-202F, Method 213, Condition I

Durability Passed MIL-STD-1344, Method 2016

Normal Force

- Type H & R 115 Grams (4.1 oz.) with .018" (0,46) dia. polished steel pin
- Type B 238 Grams (8.4 oz.) with .018" (0,46) dia. polished steel pin
- Type A 35 Grams (1.2 oz.) with .018" (0,46) dia. polished steel pin

Inner Contact

Retention 7.5 Lbs. per line average

Solderability Passed MIL-STD-202F, Method 208

Insertion Force with .018" (0,46) dia. polished steel pin

- Type H 134 Grams (4.7 oz.)
- Type R 179 Grams (6.3 oz.)
- Type B 344 Grams (12.0 oz.)
- Type A 81 Grams (2.9 oz.)

Withdrawal Force with .018" (0,46) dia. polished steel pin

- Type H 77 Grams (2.5 oz.)
- Type R 63 Grams (2.2 oz.)
- Type B 174 Grams (6.1 oz.)
- Type A 50 Grams (1.8 oz.)

ELECTRICAL

Contact Resistance 10 Milliohms

Contact Rating 3 Amps

Capacitance 1.0 pF per MIL-STD-202F, Method 305 (contact to contact)

ENVIRONMENTAL

Humidity Passed MIL-STD-1344, Method 1002.2

Thermal Shock Passed MIL-STD-1344, Method 1003.1

Operation Temp. Gold inner contact -55°C to +125°C,
 Tin/lead inner contact -55°C to +105°C



TABLE 2 - PIN SELECTION

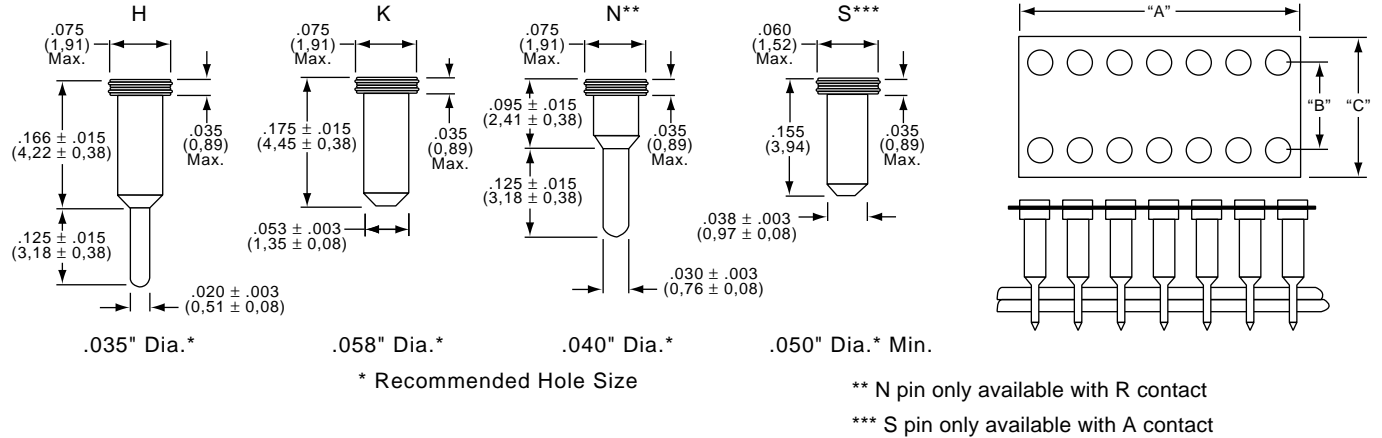


TABLE 3 - DIP STANDARD CONFIGURATIONS

Number of Contacts	Dim. "A" ± .025 (0,64)	Dim. "B" (Typ.)	Dim. "C" ± .025 (0,64)	Number of Contacts	Dim. "A" ± .025 (0,64)	Dim. "B" (Typ.)	Dim. "C" ± .025 (0,64)
6	.300 (7,62)	.300 (7,62)	.200 (5,08)	28	1.400 (35,56)	.600 (15,24)	.700 (17,78)
8	.400 (10,16)	.300 (7,62)	.400 (10,16)	32	1.600 (40,64)	.600 (15,24)	.700 (17,78)
14	.700 (17,78)	.300 (7,62)	.400 (10,16)	32	1.600 (40,64)	.900 (22,86)	1.000 (25,4)
16	.800 (20,32)	.300 (7,62)	.400 (10,16)	36	1.800 (45,72)	.600 (15,24)	.700 (17,78)
18	.900 (22,86)	.300 (7,62)	.400 (10,16)	40	2.000 (50,80)	.600 (15,24)	.700 (17,78)
20	1.000 (25,4)	.300 (7,62)	.400 (10,16)	42	2.100 (53,34)	.600 (15,24)	.700 (17,78)
22	1.100 (27,94)	.400 (10,16)	.500 (12,70)	48	2.400 (60,96)	.600 (15,24)	.700 (17,78)
22	1.100 (27,94)	.300 (7,62)	.400 (10,16)	50	2.500 (63,50)	.900 (22,86)	1.000 (25,4)
24	1.200 (30,48)	.300 (7,62)	.400 (10,16)	52	2.600 (66,04)	.600 (15,24)	.700 (17,78)
24	1.200 (30,48)	.600 (15,24)	.700 (17,78)	52	2.600 (66,04)	.900 (22,86)	1.000 (25,4)
24	1.200 (30,48)	.400 (10,16)	.500 (12,70)	64	3.200 (81,28)	.900 (22,86)	1.000 (25,4)
28	1.400 (35,56)	.300 (7,62)	.400 (10,16)				

HOW TO ORDER

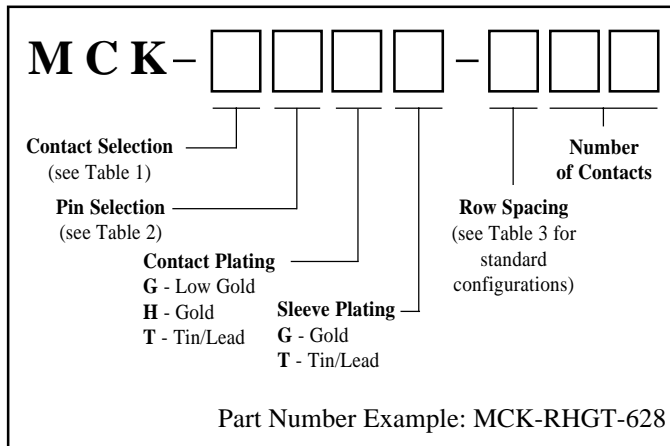


TABLE 1 - CONTACT SELECTION

Letter	Contact Features
H	Normal Force (machined)
R	Normal Force (stamped)
B	High Force (machined)
A	Normal Force (stamped)

** N pin only available with R contact. *** S pin only available with A contact.

QUAD and ZIP Patterns available. Please consult factory. For SIP Patterns, see page B4.