

MCK Series *SIP Sockets*

B



MCK-ASGT-024

FEATURES:

The Augat VisInPak™ Family allows gang mounting of socket terminals without the need for a permanent insulator. The removable carrier withstands temperatures up to 400°C, typical of soldering, vapor phase and infrared processes.

- Various terminal choices provide a full range of mounting 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" x .021" (0,41 x 0,53) round lead .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 x 0,48) round lead .100" (2,54) min. length

MATERIAL SPECIFICATIONS:

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

Kapton™ is a registered trademark of the DuPont Company.

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" 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

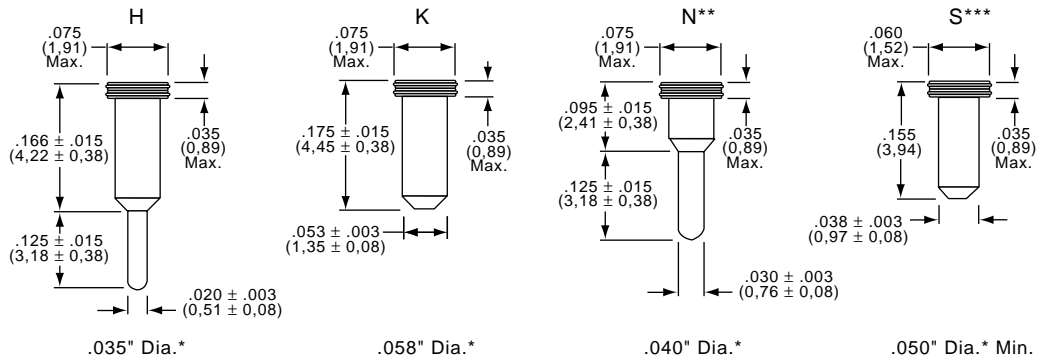
Thomas & Betts

Quality & Innovation From The **AUGAT**® Product Group

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TABLE 2 – PIN SELECTION



* Recommended hole size. ** N sleeve is offered only with R contact. *** S sleeve is available with A contact only

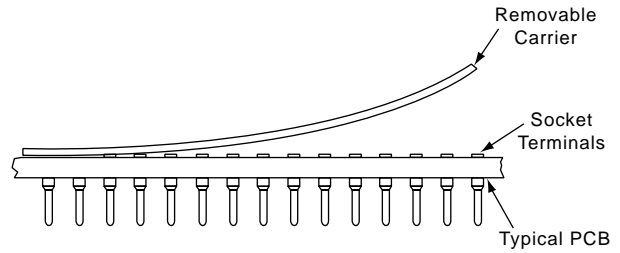
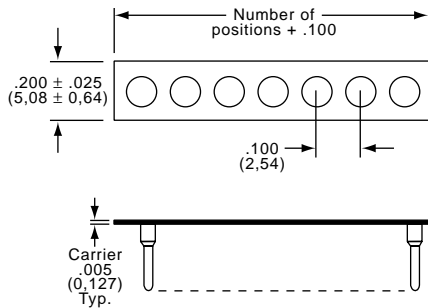


TABLE 1 – CONTACT SELECTION

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

HOW TO ORDER

MCK – – **0**

Part Number Example: MCK-RHGT-028

Pin Selection (See Table 2)

Contact Selection (See Table 1)

Contact Plating
G Low Gold
H Gold
T Tin/Lead

Row Spacing
0=SIP

Sleeve Plating
G Low Gold (S pin not available with gold sleeve)
T Tin/Lead

Number of Contacts
 (01-50)

For DIP patterns, see page A22.

Need more technical information?
 Consult your Thomas & Betts
 sales office listed on the back cover

