

3M Textool, Interstitial Pin Grid Array Test & Burn-In Sockets



- 19 X 19 outer matrix with 18 X 18 inner staggered matrix holds up to 685 leads.
 - Lever actuated, zero insertion force mechanism.
 - Rugged, 3-plate construction for durability and electrical reliability.
 - Accommodates two lead diameter variations
.25 - .40 mm (.010" - .016") inquire*
.35 - .51 mm (.014" - .020") available
- *Note : Please contact 3M customer service for availability.

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Date Issued: June 20, 2001

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Physical

Insulation:
Material: Polyethersulfone (PES)
Flammability: UL 94V-0
Color: Black
Cam Handle:
Material: Aluminum Alloy, Die Cast
Contact:
Material: Beryllium Copper
Plating: 30 μ " (0.76 μ m) Gold over 50 μ " (1.3 μ m) Nickel
Other Metal Parts: Stainless Steel
Marking: 3M Logo / Textool Logo

Electrical

Insulation Resistance: >500M Ω at 500 Vdc
Dielectric Withstanding Voltage: 500 Vrms at Sea Level
Initial Contact Resistance: 25 Ω max. initially
Current Rating: 1.0 A max.

Environmental

Operating Temperature Rating: - 55° C to + 150° C

Mechanical

Durability: When used as a test socket at room temperature the socket will last 3,000 actuations.

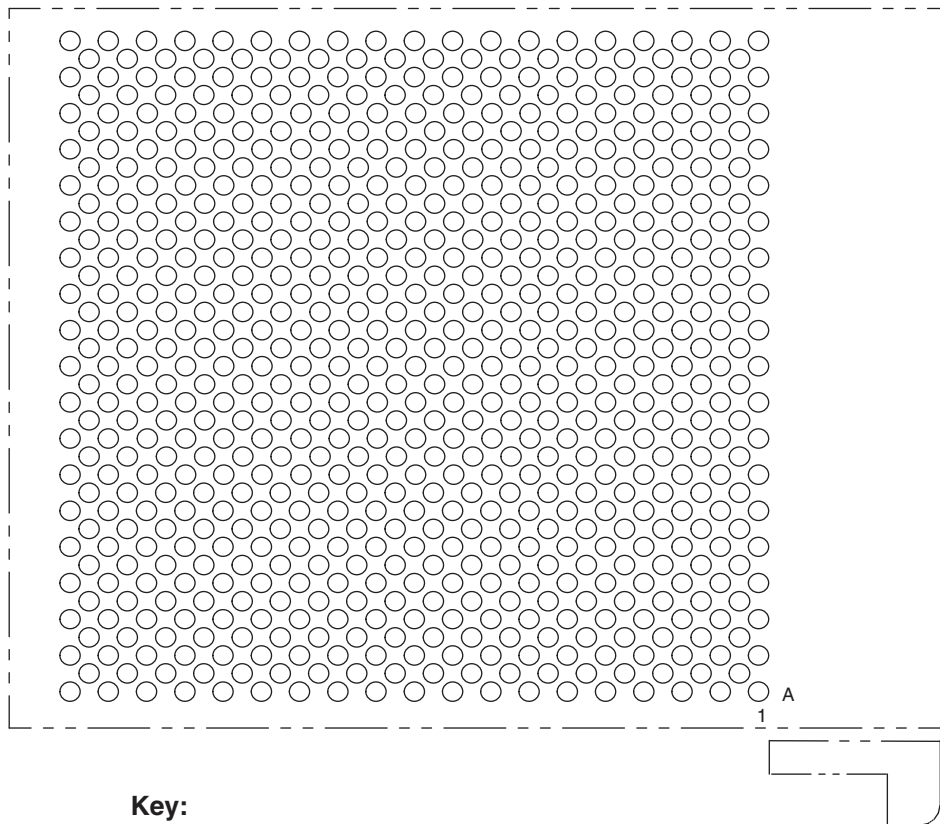
3M Electronic Handling and Protection Division

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For technical, sales or ordering information call **800-328-0411**
or visit our website: <http://www.3M.com/ehpd>

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Interstitial Worksheet



Key:

- This mark indicates holes only, no contacts.
- This mark indicates holes with contacts.

Notes:

1. This is only a work sheet. Do not proceed with any layout until a part number is assigned by 3M Textool. The pattern is subject to repositioning.
2. Lead diameter = .016 [0.39] min, .020 [0.51] max. The standard socket has been designed to accept these lead diameters only. For all others please consult the factory.
3. Use this sheet to indicate which positions you intend to use.
4. The device lead must be a minimum of 2.54 [.100] below the standoffs on the device leads.

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