

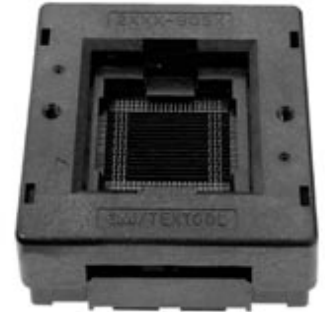


3M™ Textool™ BGA OPEN TOP 0.80mm

Open-Top Design

- Accommodates a wide range of package thicknesses without requiring socket adaptation
- Allows excellent air flow around device
- Includes a retractable location guide for easy board mounting, even with hundreds of leads
- Thru hole design

Solution provided by: **3M**



Vertical Actuation

- Compatible with most robotic handlers
- Easy manual operation

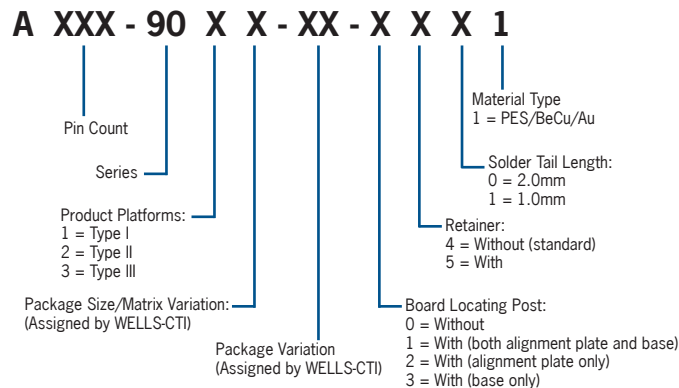
Normally Closed Contact Design

- Dual beam contact delivers balanced, opposing forces to solder ball with minimal shear stress
- Contact tips touch ball above its center plane producing only slight indentations and negligible ball deformation

Retainer Clip Feature

3M Textool Sockets are designed to function properly without the use of retainer clips. The retainer clip feature is desirable for high vibration/shock applications and with small or non-spherical solder balls. The purpose of the retainer clip feature is to retain the DUT in the socket should there be an event or conditions leading to dislodgement of the solder balls from the socket contacts. Retainer clips are custom-designed based on specific package dimensions and should only be considered for stable production applications where package dimensions are not expected to vary. In cases of non-spherical and small solder balls, WELLS-CTI may request package samples for fit analysis.

DESCRIPTION & ORDERING INFORMATION



Type	Maximum Body Size (mm)	Maximum Matrix	Maximum Ball Count	Status
I	12 X 12	13 X 13	169	Available
II	17 X 17	19 X 19	361	Available
III	21 X 21	25 X 25	625	Available
IV	27 X 27	31 X 31	961	Available