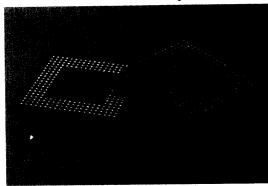
LGA/BGA SMT Adapter

5 Energy Way, P.O. Box 1019, West Warwick, RI 02893 USA Tel. 800-424-9850/401-823-5200 • Fax 401-823-8723 • Email info@advintcorp.com • Internet http://www.advintcorp.com

LGA/BGA SMT Adapter



Using our exclusive, field-proven eutectic solder ball terminal design, the SMT Adapter from Advanced provides a reliable solution for mounting or socketing LGA or re-worked BGA Devices. Use in conjunction with our standard BGA Sockets for LGA to BGA conversion.

Features:

- Maximized PCB real estate only 2mm larger than LGA or BGA device.
- · Custom designs available.
- · Available in hundreds of footprints.
- · Same footprint as BGA device.
- · Short lead time.
- Patented Eutectic solder ball terminals provide superior solderability.
- Available with optional extraction slot for easy extraction with Advanced® BGA Extraction Tool (shown on page 4).

Terminals:

Brass - Copper Alloy (C36000) ASTM-B-16

Solder Ball:

63Sn/37Pb Solder Ball, Eutectic, 183°C (361.4°F)

Plating:

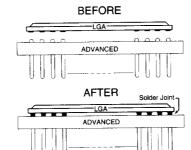
G - Gold over Nickel

Body Material:

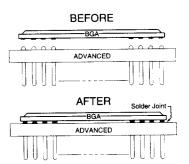
FR-4 Glass Epoxy, U.L. Rated 94V-O

Typical Applications

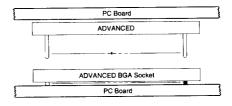
LGA Adapter



De-balled BGA Adapter



Board to Board



Terminals

1.27mm Pitch Type -720

Type -720 .030/(0.76) Dia. Solder Ball .182 .018/(0.46) Dia.

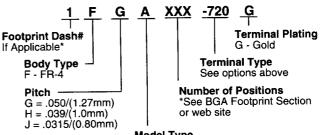
1.0mm Pitch Type -737

Type -737
.024/(0.61) Dia.
Solder Ball
.159
(4.04)
.011/(0.28)

0.80mm Pitch

Type -736
.020/(0.51) Dia.
Solder Ball
.146
(3.71)
Dia.

How To Order



Model Type

A = Standard Adapter (Device + .079/(2.00))

AX = Extraction Slot Adapter (Device + .157/(4.00))
(AX not available in 0.80mm pitch)