


- ① Substrate: 1.59mm  $\pm$ 0.18mm [0.0625"  $\pm$ 0.007"]  
FR4/G10 or equivalent high temp material.
- ② Balls: Eutectic 63/37 SnPb.

Description: BGA Surface Mount Fix Adaptor

60 position BGA (0.8mm pitch column and 1.0mm pitch row) surface mount land pattern to 1.00mm pitch solder balls.

Tolerances: diameters  $\pm$ 0.03mm [ $\pm$ 0.001"], PCB perimeters  $\pm$ 0.13mm [ $\pm$ 0.005"], PCB thicknesses  $\pm$ 0.18mm [ $\pm$ 0.007"], pitches (from true position)  $\pm$ 0.08mm [ $\pm$ 0.003"], all other tolerances  $\pm$ 0.13mm [ $\pm$ 0.005"] unless stated otherwise. Materials and specifications are subject to change without notice.

	<b>FX-BGAD/E-MT46V32-01 Drawing</b>	Status: Released	Scale: 6:1	Rev: A
	© 2005 IRONWOOD ELECTRONICS, INC. PO BOX 21151 ST. PAUL, MN 55121 Tele: (651) 452-8100 www.ironwoodelectronics.com	Drawing: H. Hansen		Date: 11/2/05
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