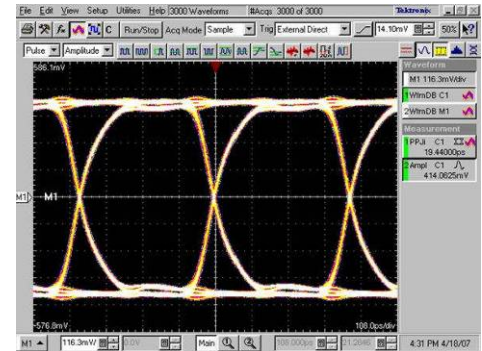


# 40 GHz /14ps OEM Conductive Diamond Pin-Less Heat Sink Socket™

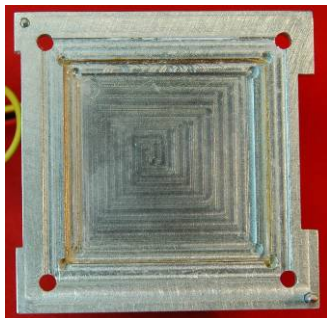


## Simple, Low Cost, Reliable Socket For G/bit System Designs

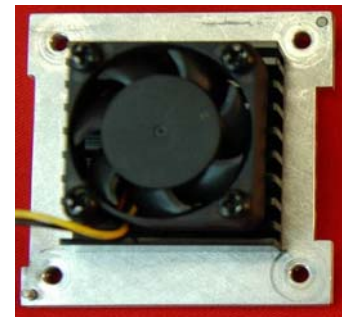
- >2000 Pin BGA, QFN, LGA @ 15A/Pin, -60C To 200C
- Uses GCI Conductive Diamond 40Ghz Pin-Less Interposer™
- Will Not Affect Performance of Tx/Rx Eye Diagram Signal Integrity
- Solder Like Performance For 1- 10G/Bit with <100ps Driver Rise/Fall Times
- Cost Effective for Use on OEM Prototypes and High Volume Manufactured Boards
- Low Profile For Placing on System Boards
- Reduce Damage to Device Package from High Heat Lead-Free Solder Flow
- Reduce Damage To PCB From Component Removal and Replacement
- Allows for Field Upgradable Component Replacement



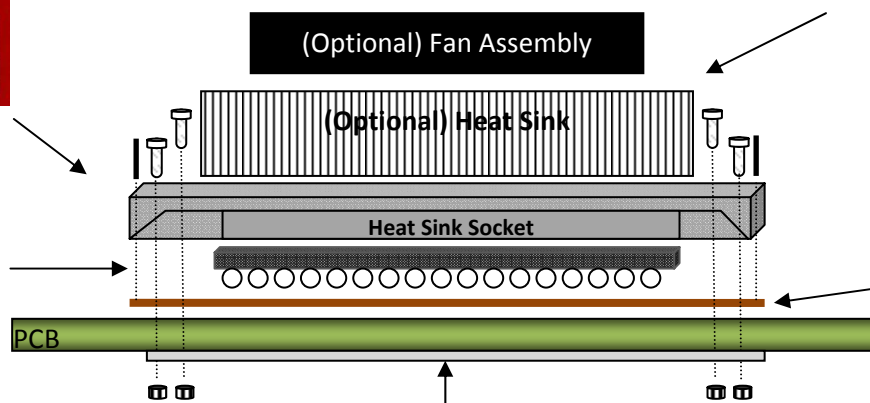
Final Heat Sink Socket Assembly With Fan Mounted On OEM Printed Circuit Board



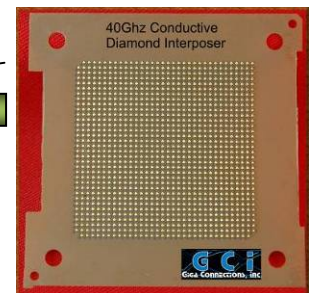
Bottom View Of Socket



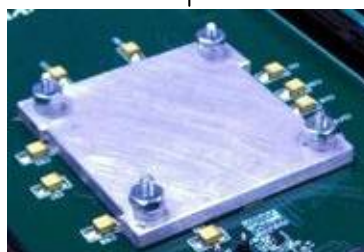
Top View Of Socket With Fan Assembly



Device Package  
(Xilinx Vertex5 1150 BGA)



40 Ghz/14ps  
GCI Pin-Less Interposer™



(Optional) Back Side Stiffener



Giga Connections, Inc

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