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 WRITTEN PERMISSION OF ACTEL.

| ECN NO. | REV. | DESCRIPTION OF CHANGE | EFFECTIVE DATE | ORIGINATOR |
|---------|------|---|----------------|------------|
| 060144 | 0 | Initial | 5/6/99 | Ray Kiang |
| 2000004 | 1 | change B-tee number to BRW272-1270-20A011 | 1/6/2000 | Ray Kiang |

ASSEMBLY FLOW

Retention Frame

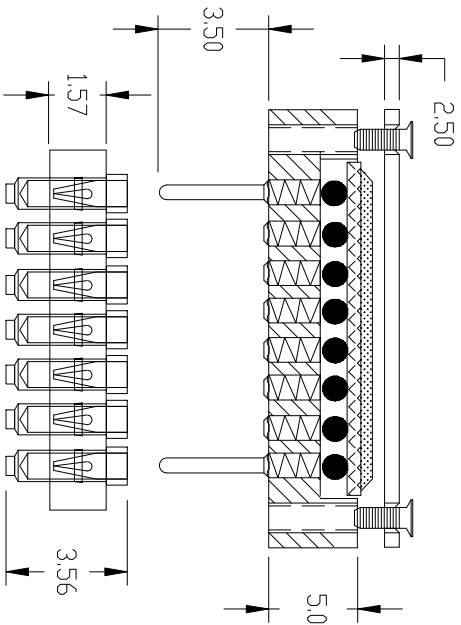
BGA PACKAGE

BGA SOCKET
SE-BG272-A

BGA ADAPTER
SOCKET
(see Sm-BG272-B)

PCB BOARD

SOCKET TO PCB(solder joints)



Solder past thickness need to be at least 0.20mm(0.008 inch)
 in order to have reliable solder joint

Please see detail drawing for part number

Note: Dim: mm

- To remove BGA socket from adapter socket,
Use removal tool from Mill-Max
- Mill-Max phone: 516-922-6000

| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS | | ANGULAR | |
|---|-------------|---------|--|
| DECIMAL | XX ±0.10 | ±1° | |
| | X.XX ±0.05 | | |
| | X.XXX ±0.03 | | |
| MATERIAL | SEE NOTES | | |
| FINISH | SEE NOTES | | |
| DO NOT SCALE DRAWING | SEE NOTES | | |

| PRODUCTION | | APPROVALS | | DATE | |
|------------|-----------|-----------|--|------|--|
| DRAWN | Ray Kiang | 4/27/99 | | | |
| CHECKED | | | | | |
| ENG'R | | | | | |
| RELEASED | | | | | |

| ACTEL CORP 955 B ARQUES AVE SUNNYVALE CA 94086 | | TITLE | |
|--|------------|---|--|
| SIZE | B | 272-27x27mm, 1.27mm E-TEC BGA SOCKET (272 BGA E-TEC Socket Assembly) | |
| VENDOR NAME | e-tec | | |
| VENDOR SUPPLY NUMBER | | | |
| ACTEL DWG. NUMBER | 1-07-09238 | | |
| VENDOR DWG. NUMBER | | | |
| REV | 1 | | |

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