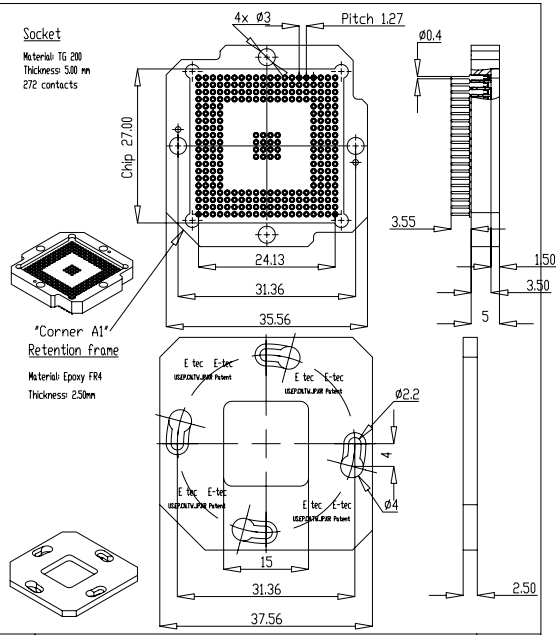
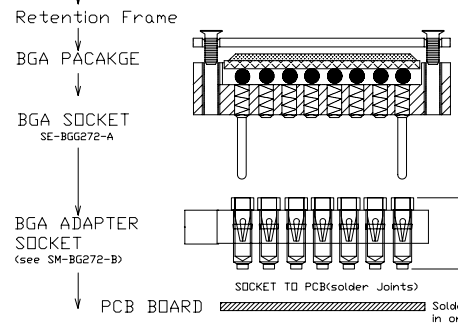


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ECN NO.	REV.	DESCRIPTION OF CHANGE	EFFECTIVE DATE	ORIGINATOR
2007379	0	Initial	06/15/2007	Lijie Zhao



ASSEMBLY FLOW



SOCKET TO PCB (solder Joints) Torque Limiting Screw Driver  
 Solder past thickness need to be at least 0.20mm(or 0.008 inch) in order to have reliable solder joint  
 Please see detail drawing for part number  
 Use removal tool from Mill-Max

- Note: Dim: mm
1. To remove BGA socket from adapter socket.
  2. Mill-Max phone: 516-922-6000
  3. Refer E-tec 'Screw Lock Type Instruction' for more information.
  4. Must use torque limiting screw driver to tighten screws (refer Mountz mini-master 020074 gold, preset 7cNm/10ozf.in). Under torque limit tighten could fail continuity and over torque limit tighten could crack package.

E-TEC PART#: BPW272-1270-20AC55

Rev:1		Dessiné par LG au lieu de 040		LG 1906.07	
DESIGNER	LG	DATE	1906.07	www.e-tec.com	
CHKD	K.S.	DATE	1906.07	Scale: 2:1	
TITLE: BPW272-1270-20AC55		Dwg. No: BPW0272-12-09705-20ACA		REV: 1	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS DECIMAL ANGULAR ±1°	PROJECTION	Actel ACTEL CORPORATION 2061 Shierlin Court Mountain View, CA 94043-4655	
	APPROVALS	DATE	TITLE
DRAWN	Lijie Zhao	06/15/2007	SE-BGG272-A, E-tec lead free prototype socket drawing for BG456 amd BGG456 packages
CHECKED			VENDOR NAME: E-TEC ACTEL DWG. NUMBER: 1-07-09064 REV: 0
ENGR			SIZE: B VENDOR SID(PART) NUMBER: BPW272-1270-20AC55 VENDOR DWG. NUMBER:
RELEASED			Actel Part#: SE-BGG272-A SCALE: NONE SHEET 1 OF 1

E-TEC PATENTS PENDING