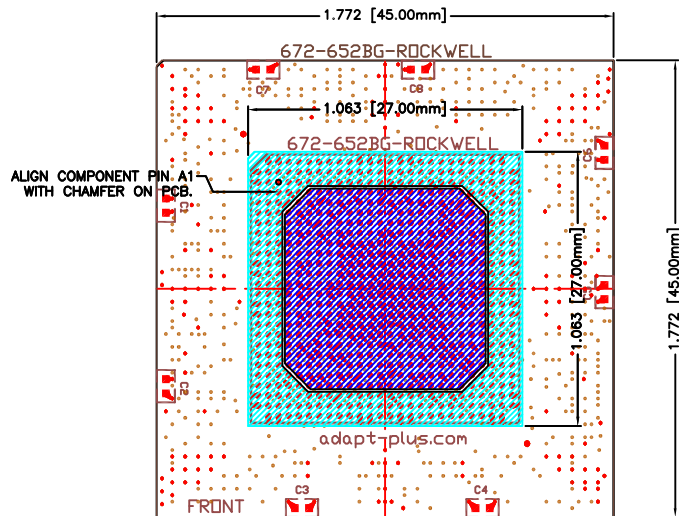


PIN SPECIFICATIONS:
 MATERIAL: BRASS ALLOY 360 1/2 HARD PER QQ-B-626
 FINISH: 10u GOLD OVER 100u NICKEL MIL-C-45204
 ELECTRICAL PERFORMANCE TESTS IAW MIL-STD-202 OR 1344 METHODS:
 MAX VOLTAGE: 50 VAC/60 VDC
 MAX CURRENT: 1 AMP
 CONTACT RES: 010 MAX .01 AMPS/2VDC
 INSULATION RESISTANCE: 5000 VDC: 5000 MEGOHMS MIN.
 CAPACITANCE: 1pF MAX
 SELF INDUCTANCE: 2nH MAX.

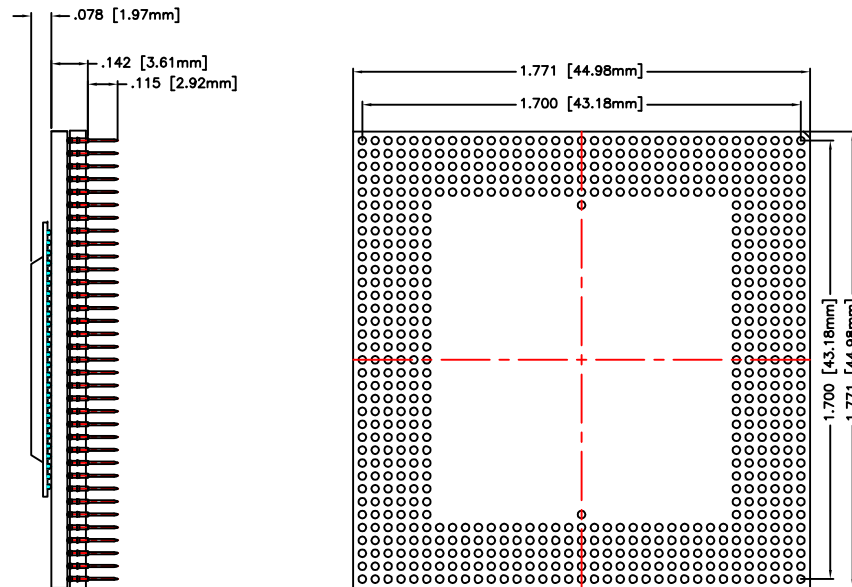
MATERIAL SPECIFICATIONS:
 STANDARD MATERIAL:
 GLASS EPOXY FR-4, IPC-4101/24,
 MIL-S-13949/04-07/09/0UL
 94V-0, CONTINUOUS USE TEMP 150C,
 HEAT DEFLECTION TEMP(264 PSI)175C
 SOLDER BALL: 0200, EUTECTIC 63/37
 12.50-IN. MELTING TEMPERATURE
 183°C

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
---	1	PRELIMINARY	11/30/07	

TOP VIEW



BOTTOM VIEW



ASSEMBLY INSTRUCTIONS;
 SOLDER 652 BGA DEVICE TO TOP SIDE OF PCB.
 SOLDER LHS652-3502F TO BOTTOM SIDE OF PCB.

PACKAGE:
 SECURE PINS IN DRILLED CARRIER FOR PROTECTION.
 PARTS SHOULD BE PLACED IN BLACK ANTI STATIC BAGS.

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CUSTOM BGA INTERPOSER
 ADAPTER DESIGNED FOR ROCKWELL COLLINS

DRAWN BY: ANDREW MONTOYA	SIZE	FSCM NO.	DWG NO. CA672-652BG-ROCKWELL	REV 1
CHECKED: MIKE OIDEM	SCALE 2:1	DATE 11/30/07	SHEET	