

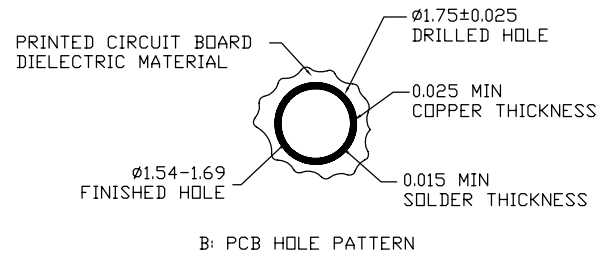
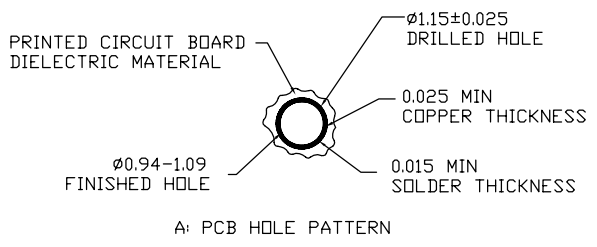
RECOMMENDED PC BOARD REQUIREMENTS
(COMPONENT SIDE OF BOARD SHOWN)

DESIGN UNITS ■ mm □ INCH		NAME: ATCA POWER MALE ASSEMBLY	Allconnectors	
GENERAL TOLERANCES: (UNLESS SPECIFIED)		PART NO: R-806M011*00***	TITLE: CUSTOMER DWG. C	
		APPD: Alan 7/3/08	DWG. NO: 010-0000-487	
		CHKD: Seawen 7/3/08		
		DRAWN: Lia 7/3/08		
		SCALE: 1/1	SHEET: 1/2	REV.: A

A	***	RELEASE	7/3/08	LIA	ALAN
REV.	ECN. NO.	DESCRIPTION	DATE	DRAWN	APPD

1 2 3 4 5 6 7 8

A
B
C
D
E



Notes:

- Materials And Finish:
Insulator: High-Temperature Thermoplastic, UL94V-0
Power Contacts: Copper alloy.
Signal Contacts: Copper alloy.
- Electrical Characteristics
Insulation Resistance --- ≥ 5 G ohms.
Initial Contact Resistance .
Power Contact ----- 3.0 Milliohms max.
Signal Contact ----- 8.5 Milliohms max.
Voltage Proof
Pin 1-16: 1000 Vr.m.s.
Pin 17-34: 2000 Vr.m.s.
Current Carrying Capacity
Signal pins: 1A.
Power pins: 16A.
- PCB Thickness-Minimum:2.00mm Nominal.
-Maximum:5.00mm Nominal.
- RoHS Directive Compliance.
- Positions 1,2,3,4 are not Populated and Reserved For Future Use.
- Press-fit Part of Contacts Are Patent Protected.
- Finish: plating gold over nickel on entire area.
- Finish: plating gold on mating area, and matte tin in tail area. All over nickel on entire area.

R - 8 0 6 M 0 1 1 * 0 0 * * *

CONTACT PLATING		
Code	Plating Description	Finish
7	LEVEL 3	7
2	LEVEL 2	7
3	LEVEL 1	7
4	LEVEL 3	8
5	LEVEL 2	8
6	LEVEL 1	8

CONTACT POSITION	
Code	Definition
340	34-4 PIN (EXCEPT POSITIONS 1~4)
220	22 PIN (EXCEPT POSITIONS 1~4,17~24)
341	34 PIN (FULL LOADED)

DESIGN UNITS <input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH	NAME: ATCA POWER MALE ASSEMBLY	Allconnectors	
GENERAL TOLERANCES: (UNLESS SPECIFIED)	PART NO: R-806M011*00***	TITLE: CUSTOMER DWG. C	
	APPD: Alan 7/3/08	DWG. NO: 010-0000-487	
	CHKD: Seawen 7/3/08		
	DRAWN: Lia 7/3/08	SCALE: 1/1	SHEET: 2/2
	ANGULAR: X°± 1°	REV.:	A

A	***	RELEASE	7/3/08	LIA	ALAN
REV.	ECN. NO.	DESCRIPTION	DATE	DRAWN	APPD