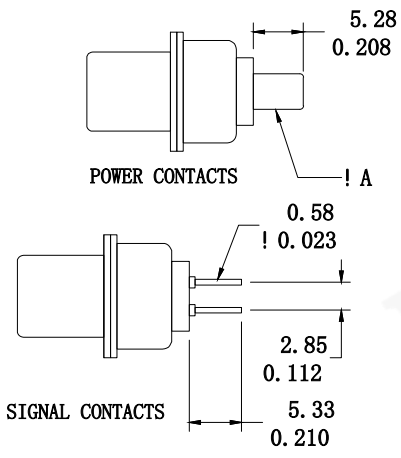


**PECOMMENDED PCB LAYOUT**

NOTE  
SIGNAL AND POWER CONTACTS  
SOME PRE-LOADED INTO INSULATORS



40 AMPS	ø3.75	ø4.0
30 AMPS	ø3.2	ø3.5
20 AMPS	ø2.8	ø3.0
10 AMPS	ø1.7	ø2.0
Current Rating	øA	PCB(øB)
	Dimension	

**SPECIFICATIONS**

**ELECTRICAL**  
 INSULATOR RESISTANCE 5,000 MegOHMS Min.  
 DIELECTRIC WITHSTANDING: 1,000 VAC r.m.s.  
 OPERATING TEMPERATURE: -55 7+125  
 CONTACT RESISTANCE: 30 MILLIOHMS Max.  
 POWER PINS SEE PART No. BELOW  
**MECHANICAL**  
 CONTACT INSERTION FORCE 4.5kg Max  
 CONTACT SEPARATOR FORCE 0.3kg Min  
**MATERIALS**  
 CONTACTS BRASS  
 INSULATOR PBT UL94V-0 RATED  
 230 PROCESS TEMP  
 STEEL  
**SHELL FINISH**  
 SHELL NICKEL

**RHTECP** NINGBO RHT ELECTRONIC CO., LTD

UNITS:mm	SHEET SIZE:A4		SCALE:—
>0~3	>3~18	>18~50	>50~120
±0.12	±0.15	±0.3	±0.5

RE-C-BIG05D-7W2-F-40A-1U  
CONNECTOR