

PAX Case Cir. Connector Amphe-Lite AL06F21-41P

“ATA-90 rev-b, wire colors”

TEC Power 2 pins

p TEC Power + gray
q TEC Power - black

*Jon - tec control
c + j airstream temp*

TEC Control 6 pins

a Heat Sink Temp black Z (twisted pairs)
G Heat Sink Temp red Z
b Pax Temp black Y
H Pax Temp white Y
c Airstream Temp black X
J Airstream Temp green X

Cryo Power 4 pins

d Cryo Power + red
K Cryo Power + white
e Cryo Power - black
M Cryo Power - green
Shield grnd to pax case gray

Cryo Temp 2 pins

D Cryo Temp 1 white
E Cryo Temp 2 black
Shield grnd to pax case gray

Dewar Temp 2 pins

U Dewar Temp 1 red
T Dewar Temp 2 black
Shield grnd to pax case gray

PAX Control 12 pins

Z Grnd OTXTEC black Z
Y +5V OTXTEC red Z
B Grnd OTX laser / PAM black Y
C +6V OTX laser / PAM yellow Y
k Gnd Sense black
s +6 Sense green
X +5 Sense white
m -6 Sense black
i Grnd OTXTEC black X
j +5V OTXTEC brown X
V Grnd OTX / PAM black W
W -6V OTX / PAM blue W

Ion Pump Control 6 pins

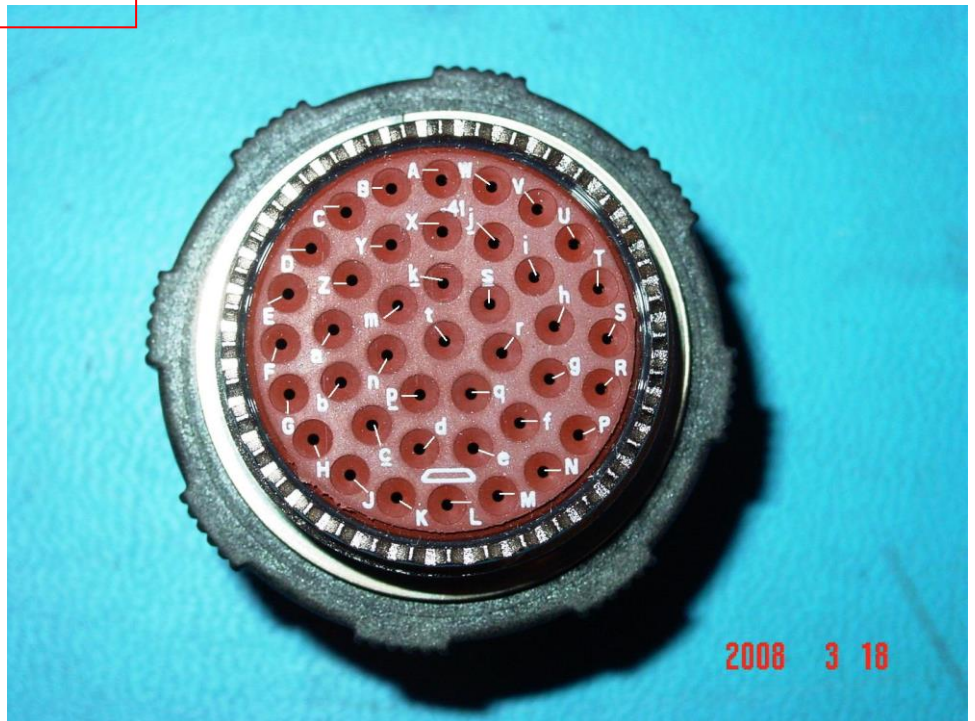
f Current monitor blue
g External reset white
h Power +12 VDC red
r Power com black
P Fault high voltage brown
R Fault blown fuse green

Pax Case/ Rim Box Ground Wire 1 pin

L Grounded to case green

Connector Positions Not Used

A
N
n
S
t



Back View (inside Pax Case)

A position is at 12:00 / L position is at 6:00