REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

DESCRIPTION

- Standard models include one Socket and one Pin connector.
- Choose between Tip Jacks, Mini Banana, or Banana Jacks.
- Dsub Breakout Boxes use a color-coding scheme as an aid:
  - The Red jacks connect to the "RED TP SIDE" connector with PIN contacts.
  - The Black jacks connect to the "BLACK TP SIDE" connector with SKT contacts.
- Toggling the switch will make or break connection between corresponding pins.
- D connectors are stainless steel Positronic Industries, Inc ®.
- Housed in a heavy duty 0.080" thick aluminum box with welded corners
- All units are subjected to a 500VDC Hipot test.

PHYSICAL SPECIFICATIONS

Dimensions: 11 in x 9 in x 2.7 in
Material: 0.080" Thick Aluminum Alloy.
Finish: Clear Chemical Conversion Coat.
Color: Chip Gray
Temperature Rating: -30ºC to 85ºC
Connector "RED TP SIDE": MD50M4R700S
Connector "BLACK TP SIDE": MDX50S4R700S
Standard Tip & Mini-Banana jack spacing: 0.5 in

COMMON MATE AND BACKSHELL OPTIONS

"RED TP SIDE" CONNECTOR MATES:
- SD50F00000 or RD50S0000S

"BLACK TP SIDE" CONNECTOR MATES:
- SD50M00000 or RD50M0000S

BACKSHELL OPTIONS:
- D50000Z00/AA or D50000ANE0/AA

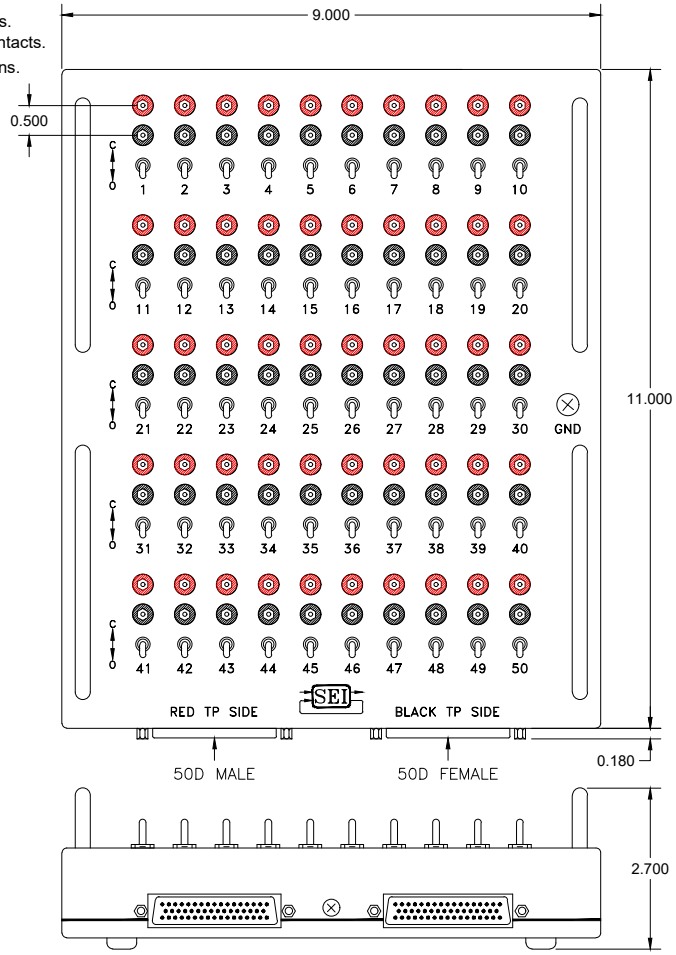
WE MAKE ADAPTER CABLES

PART NUMBER OPTIONS

JACKS WITH SWITCHES:
- SE-01025-1: Tip Jacks W/ Switches
- SE-01025-2: Mini-Banana Jacks W/ Switches
- SE-01025-3: Banana Jacks W/ Switches

JACKS WITHOUT SWITCHES:
- SE-01025-21: Tip Jacks W/O Switches
- SE-01025-22: Mini-Banana Jacks W/O Switches
- SE-01025-23: Banana Jacks W/O Switches

JACKS WITH LOCKING SWITCHES:
- SE-01025-31: Tip Jacks W/ LK-Switches
- SE-01025-32: Mini-Banana Jacks W/ LK-Switches
- SE-01025-33: Banana Jacks W/ LK-Switches



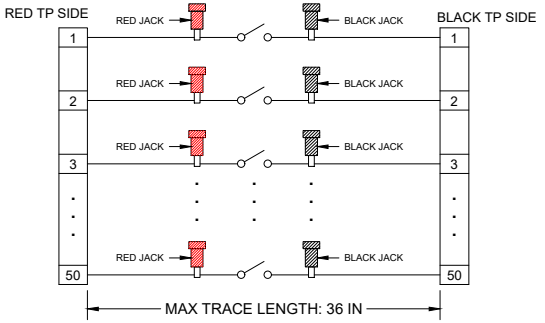
SE-01025: 50 D-SS SERIES DATASHEET

ELECTRICAL SPECIFICATIONS

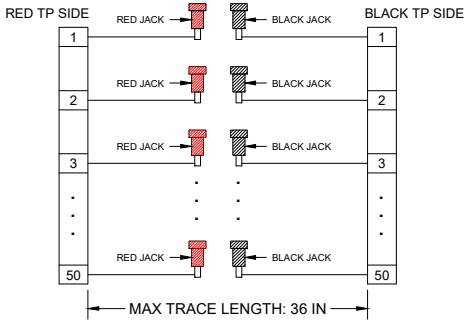
Max Continuous Current: 5.0A[1]
Max Voltage: 28VDC/70Vrms
No wires, full PCB connectivity.

[1]Maximum recommended current for one circuit active.
De-rate current linearly to 25% of maximum recommended current if all circuits are active simultaneously.
current if all circuits active simultaneously.

See Variables & Equation Below:
I = max. recommended current
N = total number of device circuits
n = circuits used
i = de-rated current each circuit
i = I+(0.75*I*(n-1)/(1-N))



SCHEMATIC W/ SWITCHES
Dash numbers: -1, -2, -3, -31, -32, & -33



SCHEMATIC W/O SWITCHES
Dash numbers: -21, -22, & -23

SEI SILVER ENGINEERING INC.		SIZE	CAGE CODE	DWG. NO.	REV.
DRAWN EW 251114		D	0RJ73	SE-01025	-
ISSUED		SCALE 1/1	CFG #: SE-08025	SHEET	1

CAGE CODE 0RJ73 | DRAWING NUMBER SE-01025 | SHEET 1 | REV -

26/05/07

AUTOCAD FORMAT