



Features

- Available in Standard Density 9D, 15D, 25D, 37D, and 50D as well as in High Density 15DD, 26DD, 44DD, 62DD, 78DD, and 104DD
- D connectors are high quality stainless steel shell Positronic Industries, Inc ®
- Test points are 0.080" Tip Jack (typical voltmeter size probes), Mini Banana Jack (2mm), or Banana Jack (4mm)
- Jack spacing of 0.5" supports shorting plugs for Tip and Mini Banana Jacks
- Available with or without toggle switches
- Toggle switches are rated for Low Level and Power signals
- Signal connectivity via Printed Circuit Board, No wires.
- 3 oz copper signal traces on all units except the DD104 unit
- Housed in a heavy duty 0.080 thick aluminum box with welded corners
- Sturdy handles that protect switches and rubber feet
- Box is painted with two coats of Epoxy paint
- Character designators are engraved and filled with black epoxy ink



Figure 1 44DD Breakout Box with switches SE-01028-3

Description

Silver Engineering's D-SS Series Breakout Box is a heavy duty break out box designed to withstand the abuses of the test environment. The heavy duty construction and the use of high quality stainless steel connector shells and components insure these units will last for years.

The D-SS Series Breakout Boxes incorporate a printed circuit board for all connectivity.

D-SS Series Breakout Boxes use a color coding scheme as an aid. The Red jacks connect to the Red TP Side connector with pin contacts and the Black jacks connect to the Black TP Side connector with socket contacts. The D-SS Series Breakout Boxes can be ordered with or without switches and tip, mini-banana (2mm) or banana (4mm) jacks.

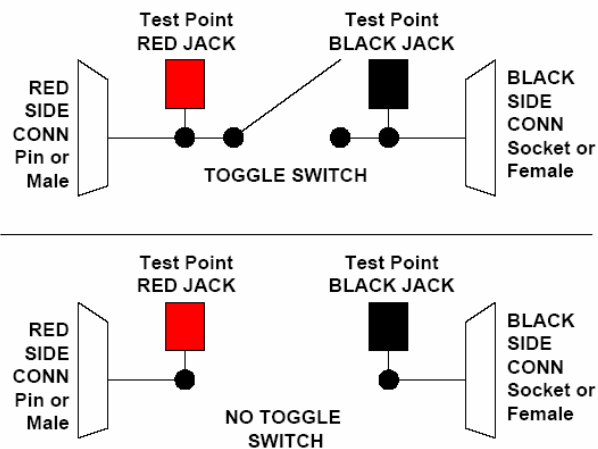


Figure 2 Block diagrams, with and without toggle switches

Specifications

Connector Type	Part Number X=Option	PCB Copper Weight (Note 1)	MAX Sustained Current @ 40C Rise NOTE 1	MAX Voltage NOTE 2	MAX Trace Length NOTE 3	DIMENSIONS		
						LENGTH	WIDTH	HEIGHT
9D	SE-01021-X	3 OZ	7.5A	33Vrms/70Vdc	14"	7.25"	6"	2.7"
15D	SE-01022-X	3 OZ	7.5A	33Vrms/70Vdc	16"	7.25"	6"	2.7"
25D	SE-01023-X	3 OZ	7.5A	33Vrms/70Vdc	16.8"	7.25"	8"	2.7"
37D	SE-01024-X	3 OZ	7.5A	33Vrms/70Vdc	22"	9.25"	9"	2.7"
50D	SE-01025-X	3 OZ	5.8A	33Vrms/70Vdc	36"	11.25"	8"	2.7"
15DD	SE-01026-X	3 OZ	5A	33Vrms/70Vdc	15"	7.25"	6"	2.7"
26DD	SE-01027-X	3 OZ	5A	33Vrms/70Vdc	20"	7.25"	8"	2.7"
44DD	SE-01028-X	3 OZ	5A	33Vrms/70Vdc	26"	11.25"	9"	2.7"
62DD	SE-01029-X	3 OZ	5A	33Vrms/70Vdc	30"	13.25"	10"	2.7"
78DD	SE-01030-X	3 OZ	5A	33Vrms/70Vdc	36"	13.25"	11"	2.7"
104DD	SE-01031-X	2 OZ	3.6A	33Vrms/70Vdc	38"	15.45"	12"	2.7"

-X OPTIONS

Option	Description
-1	0.080" Pin Tip Jacks and Switches
-2	2mm Mini Banana Jacks and Switches
-3	4mm (0.5" Spaced) Banana Jacks and Switches
-11	0.080" Pin Tip Jacks and NO Switches
-12	2mm Mini Banana Jacks and NO Switches
-13	4mm (0.5" Spaced) Banana Jacks and NO Switches

NOTES

Note Number	Description
1	Breakout Boxes do not contain any current limiting or current protection devices. It is up to the user to limit currents.
2	Not intended for handheld use at voltages above 33Vrms/70Vdc.
3	Measured from one connector solder pad to switch pad plus switch pad to the other connector solder pad.

All specifications are subject to change without notice.

Connectors and Jack Socket Screws

- All our standard Breakout Boxes use high quality stainless steel Positronic™ Connectors.
- Standard Density Breakout Boxes (9D, 15D, 25D, 37D, and 50D) pin contact connectors use Positronic™ MD series with Stainless Steel Shell. Example: 50D (SE-01025) uses a MD50M4R700S.
- Standard Density Breakout Boxes (9D, 15D, 25D, 37D, and 50D) socket contact connectors use Positronic™ MDX series with Stainless Steel Shell. Example: 50D (SE-01025) uses a MDX50S4R700S.
- High Density Breakout Boxes (15DD, 26DD, 44DD, 62DD, 78DD and 104DD) use Positronic™ DD series with Stainless Steel Shell. Example: 104HDD (SE-01031) uses a DD104M4R700S.
- All our Breakout Boxes use Keystone™ Jack Socket Screws part number 7250. These are stainless steel material.

Non-Standard Options

- Custom Breakout Boxes per your specifications. Contact Silver Engineering Inc for non-standard options or custom requirements.

Keystone is a trademark of Keystone Electronics Corporation
Positronic is a trademark of Positronic Industries