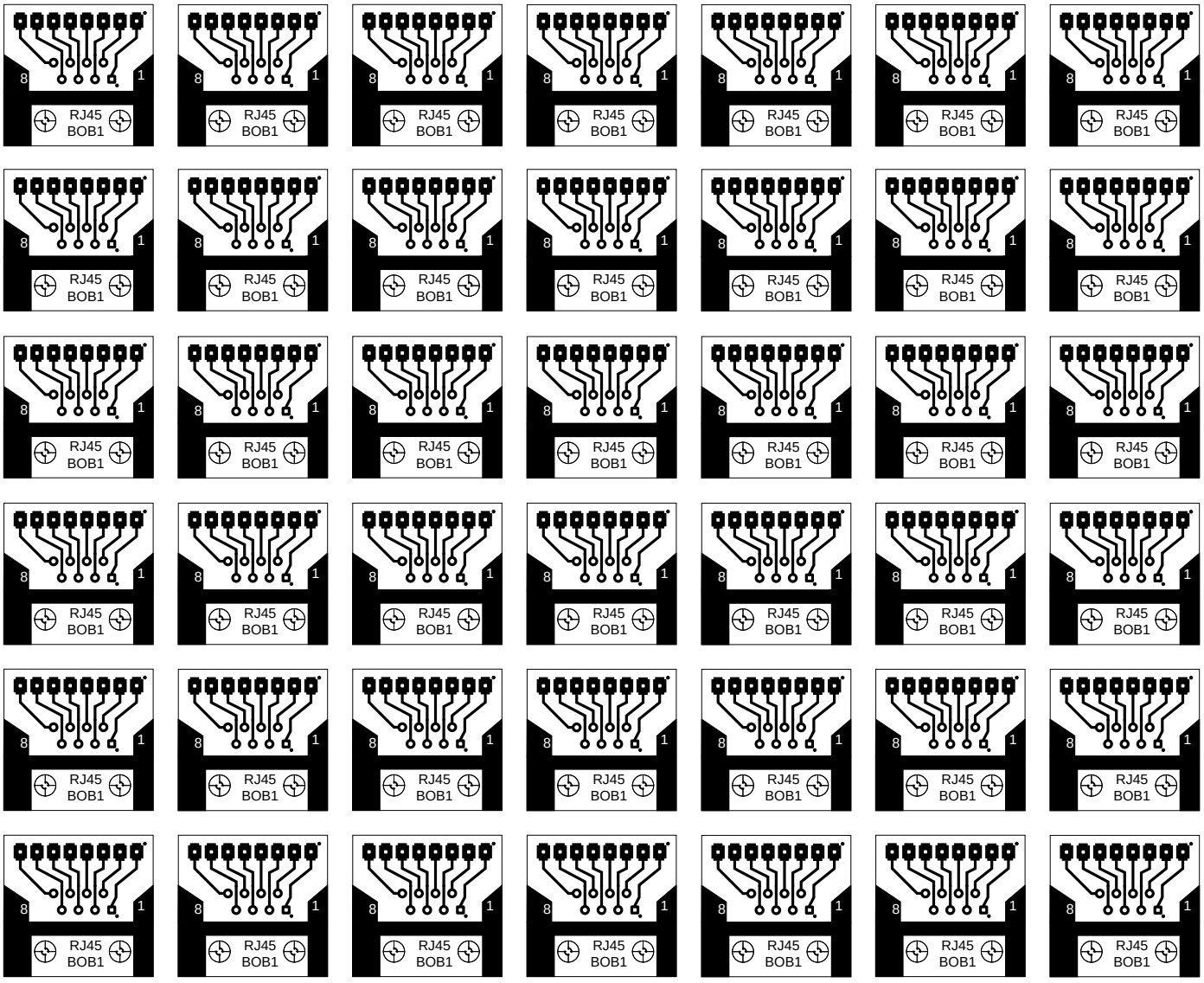
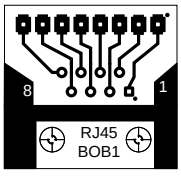
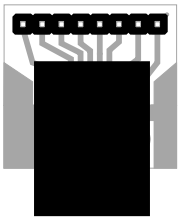




Center punch then drill. Drill all holes #65 (.035") to start.
Drill header holes #60 (.040") if needed.
Drill mounting holes to 1/8" (.125") in two or more steps.

8 pins of a .1" Snap apart single row header. (long leads, .3") or 8 pins of a right angle snap apart header

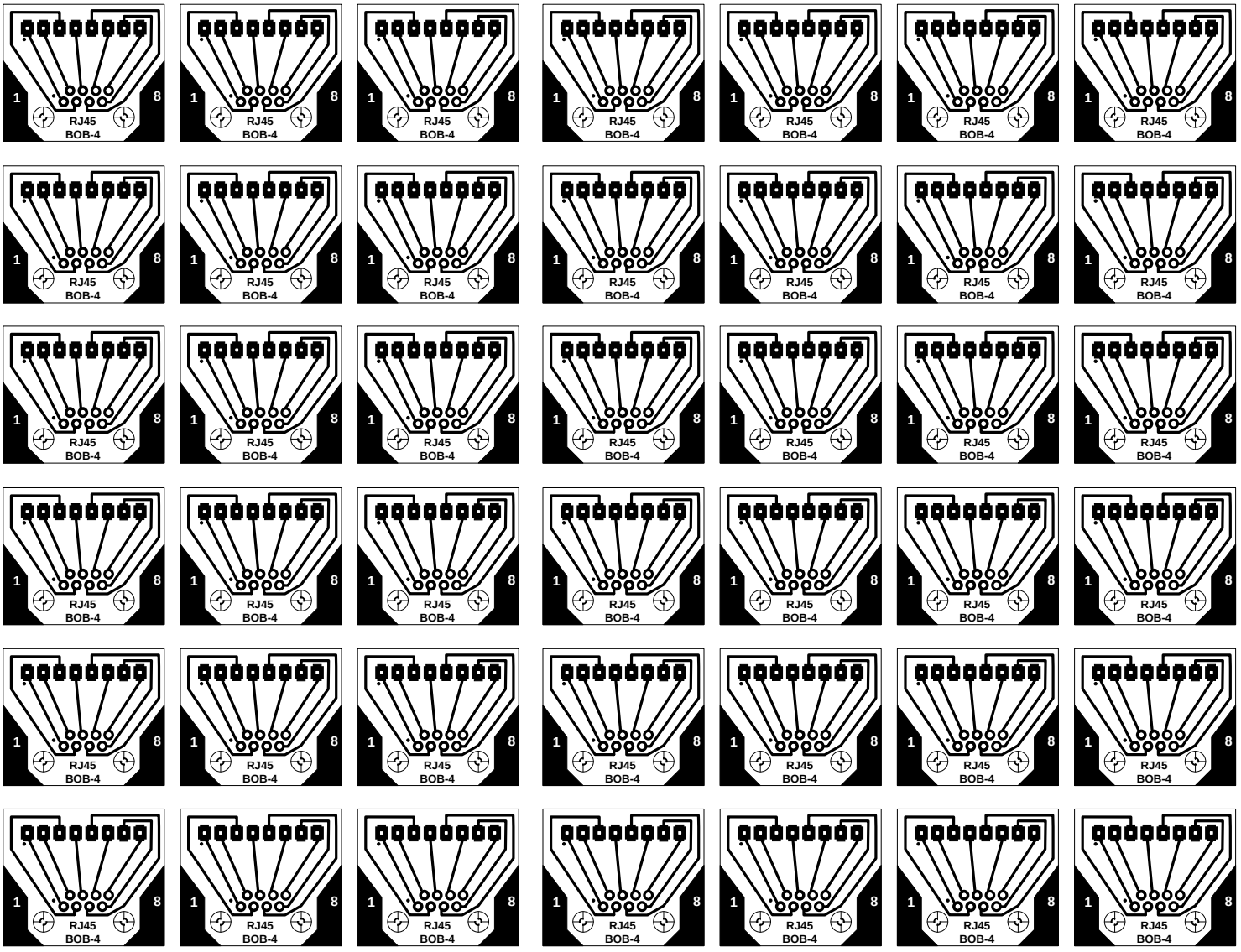
RJ45 Socket.

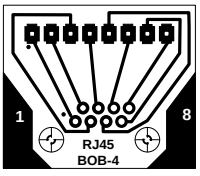


Date:	Revision/Addition/ Note	By:
Nov 8, 2016	Initial Drawing	
Nov 8, 2016	While putting the RJ45 Cable tester project together on the solder less breadboard, I originally used a RJ45-RJ45 cable cut in half, then two RJ45/RJ45 F/F couplers. Found I wanted a RJ45 break out board to mount a RJ 45 socket to the bread board. This became a stand alone project. The right angle header made this ideal for the breadboard.	GSC
Nov 8, 2016	.05" centers. Both the Stewart SS-6488ND (Digikey PN: 380-1022-ND) and Amphenol FCI 54602-980LF (Digikey PN: 609-1046-ND) match the PWB footprint. Stewart connector (as shown) has a longer body.	GSC

Print Check .5"x.5"

Drawn By:	Gerald Crenshaw WD4BIS	Date: Nov. 8, 2016	From the bench of: Amateur Radio Station WD4BIS	Page 1 of 1
Designed By:	Gerald Crenshaw WD4BIS	Date: Nov. 8, 2016	Title: RJ45 Break Out Board 1 (BOB)	Scale: 1:1
Checked By:	Janet Crenshaw WB9ZPH	Date: Nov. 8, 2016		

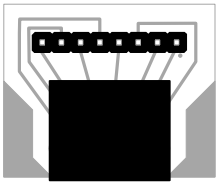




Center punch then drill. Drill all holes #65 to start.
Drill header holes to #60 if required.
Drill mounting holes to 1/8" (.125") in two or more steps.

8 pins of a .1" Snap apart single row header. (long leads, .3") or 8 pins of a right angle snap apart header.

RJ45 Socket.



Date:	Revision/Addition/ Note	By:
Nov 12, 2016	Initial Drawing	GSC
	While putting the RJ45 Cable tester project together on the solder less breadboard, I originally used a RJ45-RJ45 cable cut in half, then two RJ45/RJ45 F/F couplers. Found I wanted a RJ45 break out board to mount a RJ 45 socket to the bread board. This became a stand alone project. The right angle header made this ideal for the breadboard.	GSC
Nov 12, 2016	.04" Centers. This BOB is for an Amphenol RJHSE-5080. (Digikey PN RJHSE-5080-ND).The devices were purchased and the PWB foot print and pinout was wrong for the original application. Discovered this too late to return the devices. If you get lemons, make lemonade.	GSC
Nov 12, 2016	Went to a larger pad and moved tracks around so I did not have run tracks in between RJ45 pads.	GSC

Visio Line/Weight sizes

1 3 5 9 13 17

Print Check .5"x.5"

Drawn By: Gerald Crenshaw WD4BIS	Date: Nov. 12, 2016	From the bench of: Amateur Radio Station WD4BIS	Page 1 of 1
Designed By: Gerald Crenshaw WD4BIS	Date: Nov. 12, 2016	Title: RJ45 Break Out Board 4 (BOB)	Scale: 1:1
Checked By: Janet Crenshaw WB9ZPH	Date: Nov. 12, 2016		