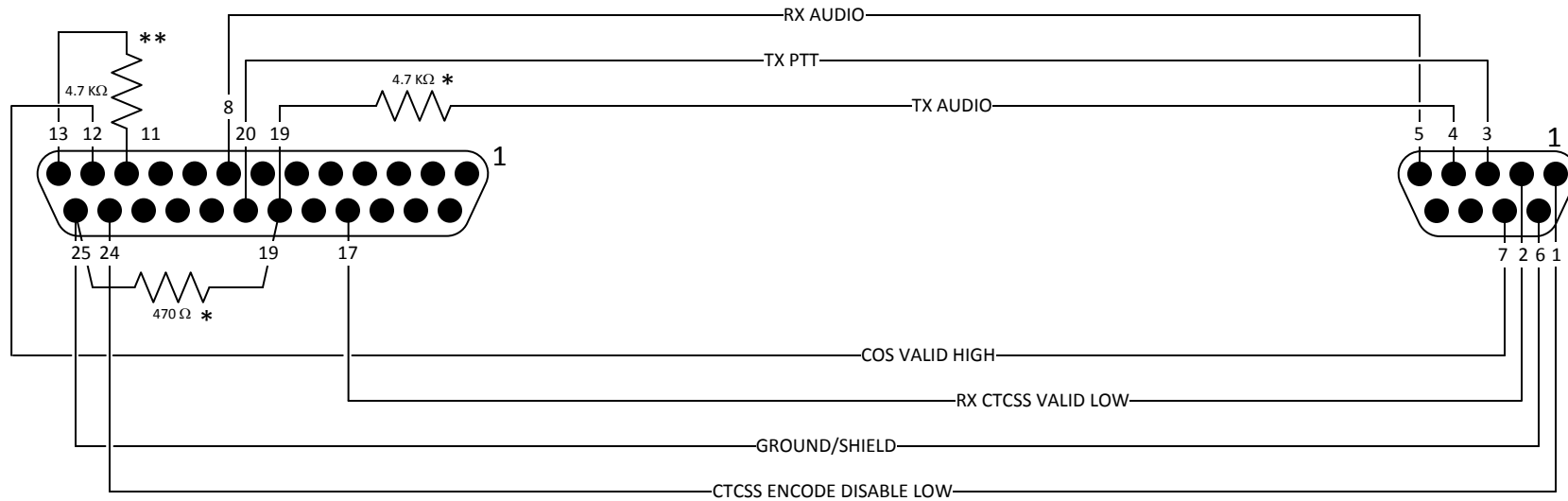BRIDGECOM REPEATER
PLUG DB25M FOR
OPTIONS CONNECTOR

RC-210
PLUG DB9M FOR
PORT 1, 2, or 3

BRIDGECOM REPEATER CONNECTIONS	DB25 PIN	DB9 PIN	ARCOM REPEATER CONTROLLER RC-210
ENCODE DISABLE ACTIVE LOW	24	1	CTCSS ENCODE CONTROL OUTPUT
CTCSS DECODE VALID LOW	17	2	CTCSS DECODE INPUT
PTT INPUT	20	3	TX PTT OUTPUT
TX AUDIO INPUT *	19	4	TX AUDIO OUTPUT
RX AUDIO DISCRIMINATOR OUTPUT	8	5	RX AUDIO INPUT
GROUND	25	6	GROUND
COS ACTIVE HIGH **	12	7	RX COS INPUT

* The Bridgecom TX audio input is very sensitive. In order to maintain adjustability within the RC-210 controller, I have added the resistive pad as shown above. This provides about 91% reduction allowing good level control from within the RC-210 controller.

** The Bridgecom internal high power FET is called into service to provide a solid positive going signal when COS is active.