



			Package Outlines		
Date	Revision/Addition/ Note	Bv [.]	SOT-223 Package SOT-089 Package	SOT-089 Package	
Oct 1, 2011 Oct 10, 2011	Initial Drawing. Trying to make a drop in replacement for a Motorola MHW5182. Motorola part is obsolete. My original version 5 replacement had 10dB gain. This version will cascade two ADL5601 amps for a desired 20db gain. Added two additional ground pins. Tested at about 18Db gain in the VHF region. Worked well enough	GSC GSC	GND GND Tamos U U U V G V IN N Out D Out GND IN 78M05 78L05	GND RF N GND RF Out/ DC Bias ADL5601/ADL5602	
	to use as a replacement.		Broadband Pre Amplifier of #4 Flat Washer (4 Places) Hex standoff. #4 Threaded ½ Length (2 places) Machine screw Philips Pan Head 4-40x¼" Length (4 Places) Existing DB 8894 Amplifier Module, Remove Motorola MHW5182 module and use existing holes to mount new module.	module	
Drawn By:	Gerald Crenshaw WD4BIS Date: Oct 1, 20)11	From the bench of:	Page 1	
Designed Bv:	Gerald Crenshaw WD4BIS Date: Oct 1, 20	11	Amateur Radio Station WD4BIS	OI4	
Checked By:	Janet Crenshaw WB9ZPH Date: Oct 1, 20)11	Preamplifier, ADL5601 Based Ver 6		