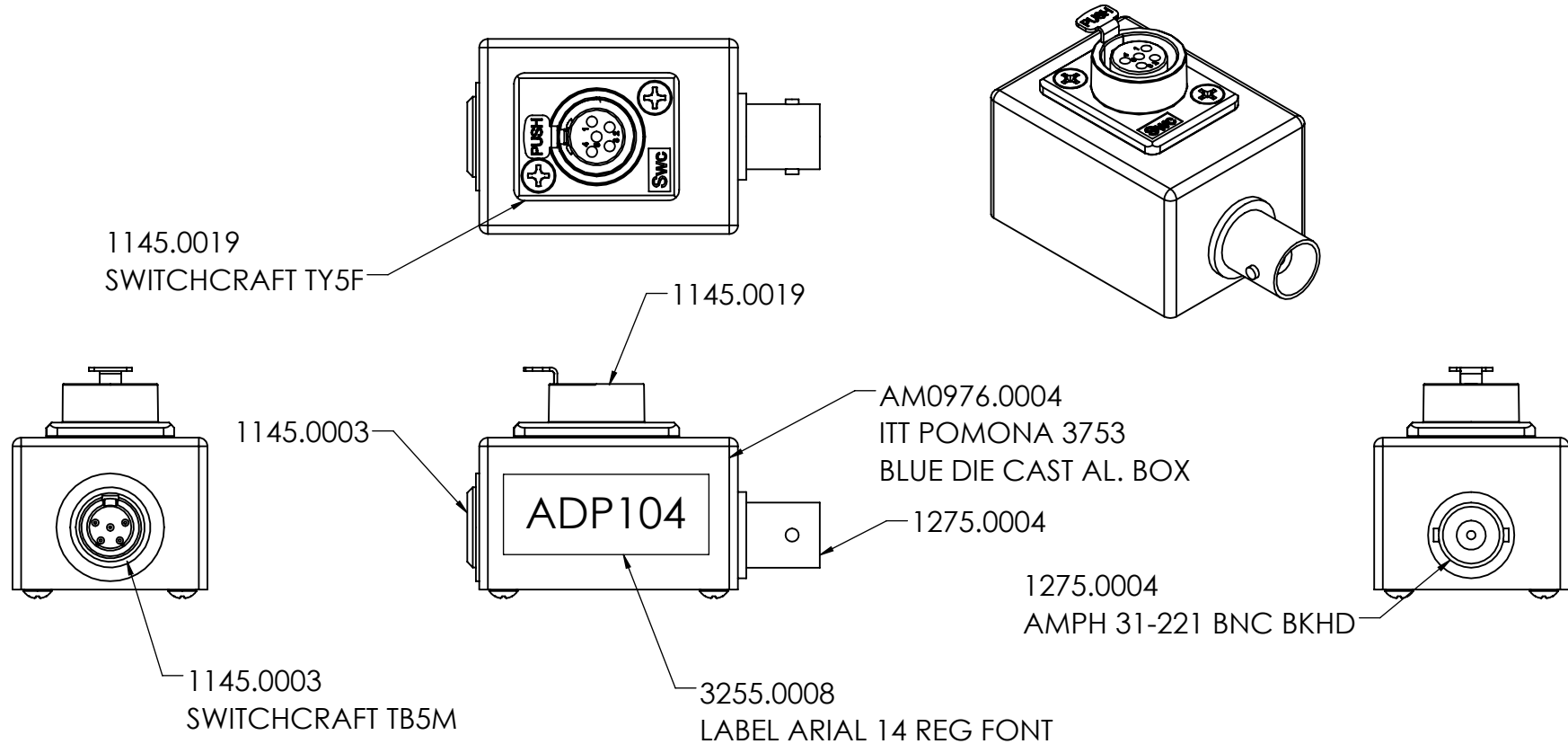


REV.	DESCRIPTION	DATE	BY	ECO
A	INITIAL RELEASE	6/30/2016	D. ANDERSON	4479
B	ADDED TEST SETUP INSTRUCTIONS	4/23/2019	D. WILDING	4819
C	ADDED BUS WIRE TO INSTRUCTIONS	6/12/2019	D. Wilding	4851

Make sure to align components as shown in this drawing to align pins for soldering.

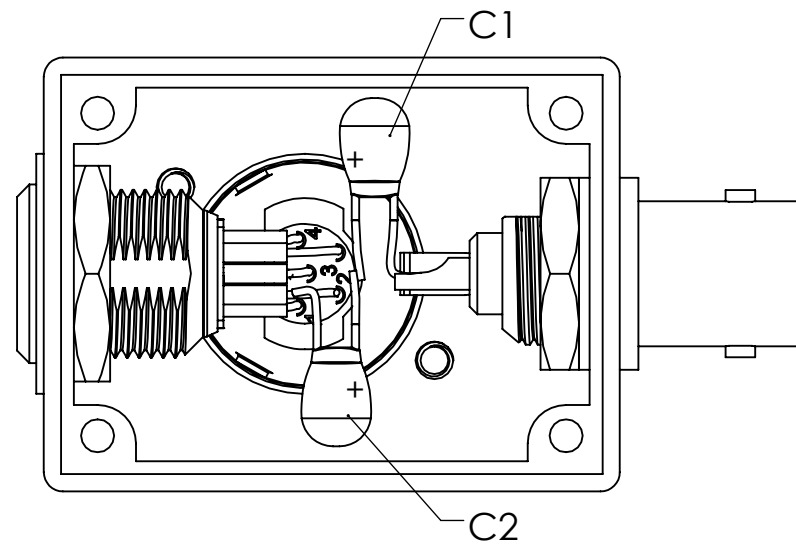
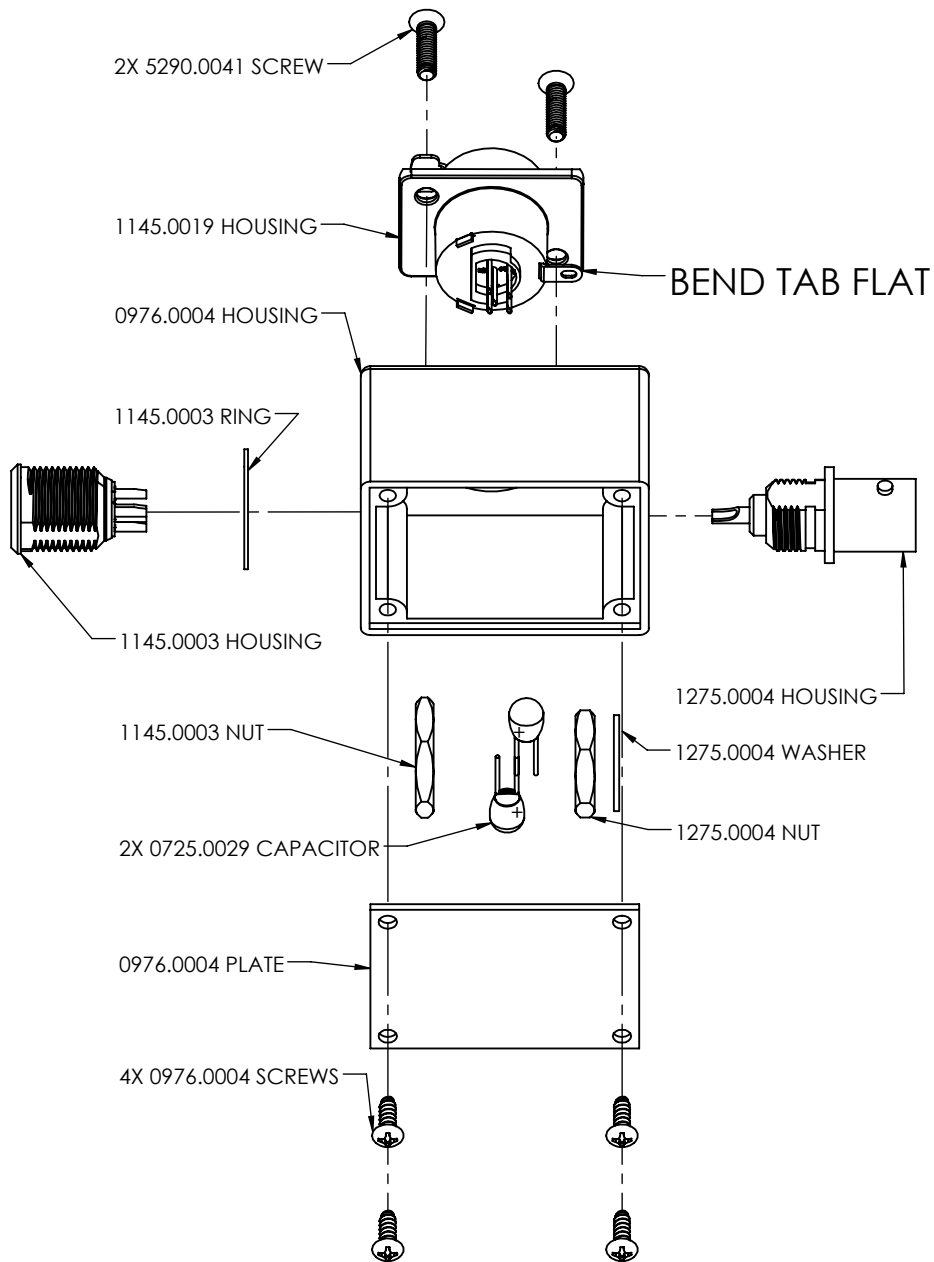


Notes:

1. All equivalencies must be approved by PCB Engineering.
2. All components and processes must be ROHS compliant.
3. First article to be approved by PCB Engineering.

PCB PIEZOTRONICS ^{INC.}	
Provo, Utah, USA (801) 375-0177	
TITLE MIC SIG TEE 5-PIN SWCFT 5UF DC BLOCK	
SIZE A	NUMBER ADP104
DATE 6/29/2016	REV. C
SCALE 1:1	SHEET 1 OF 4

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 COPYRIGHT © PCB PIEZOTRONICS, INC. | FILE NAME: ADP104 MIC SIG TEE 5-PIN SWCFT 5UF DC BLOCK



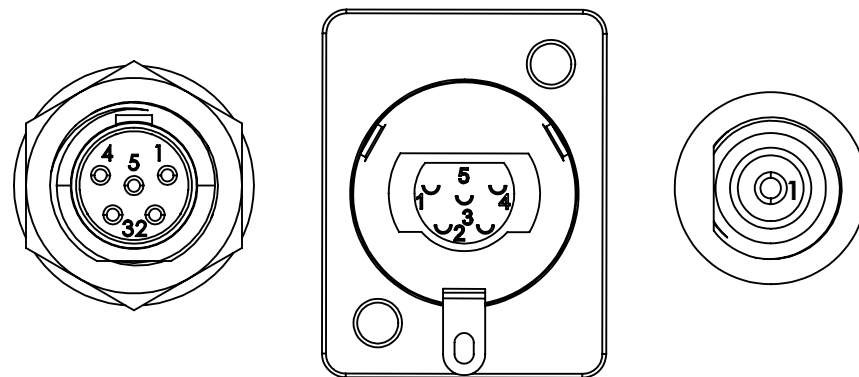
WIRE CONNECTIONS - USING 7252.22BUS WIRE

1145.0019	1145.0003
1	1
2	2
3	3
4	4
5	5

1275.0004 PIN1 TO 0725.0029 C1-
 0725.0029 C1+ TO 0725.0029 C2+
 0725.0029 C2 - TO 1145.0003 PIN 2

PINOUT OF COMPONENTS

1145.0003 1145.0019 1275.0004



INSIDE VIEW OF BOX CONNECTIONS

INSPECTION INSTRUCTIONS - SEE BLOCK DIAGRAM ON SHEET 4

- 1) On the ADP104, connect the BNC end (1275.0004) to the 34401 DMM input using a BNC to BNC cable and a BNC tee connected to the DMM.
- 2) Shunt the DMM input on the other end of the BNC tee with a 4.99k Ohm, 1%, 1/4W resistor.

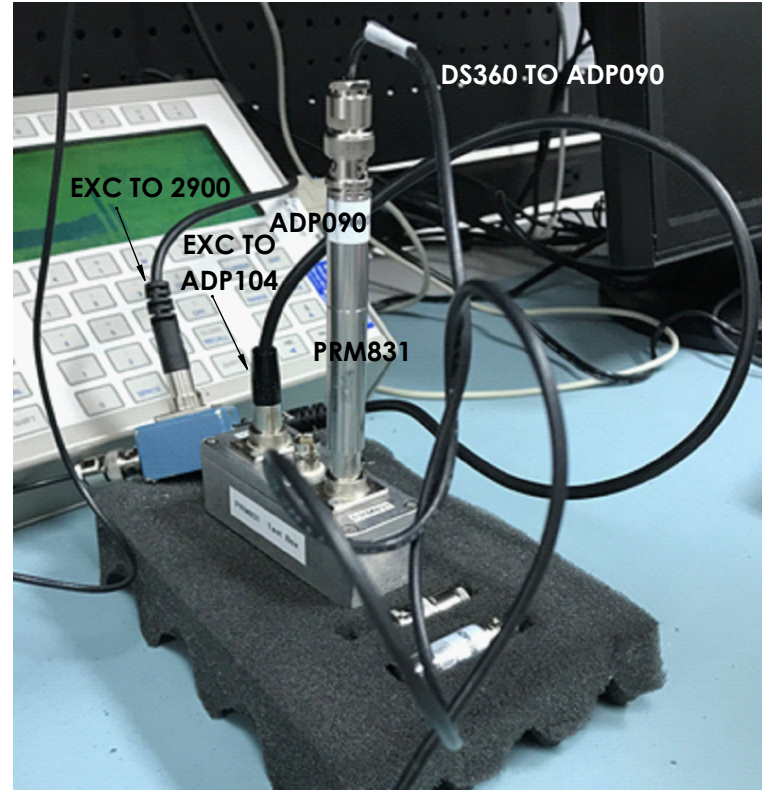


(4.99k Ohm Resistor)

- 3) On the ADP104, connect the Switchcraft TY5F (1145.0019) to the 2900 input using a short EXC cable.



- 4) On the ADP 104, connect the Switchcraft TB5M (1145.0003) to the PRM831 test box (T831.07) 2900 output with a short EXC cable.
- 5) Plug a PRM831 into the T831.07 Test Adapter.
- 6) Place an ADP090 on the PRM831
- 7) Connect the DS360 signal generator to the ADP090.



- 8) Test the DC level out of the ADP104 then verify that there is <math><0.2</math> Volts DC read on the DMM.
- 9) Run Preamp test frequency response with PRM831 (ADP090) with ADP104 and 5 k Load.xml control file.
- 10) Verify that test passed.
- 11) Create database entry with test location added. Include Certificate of Compliance paper in bag.

TESTING BLOCK DIAGRAM

