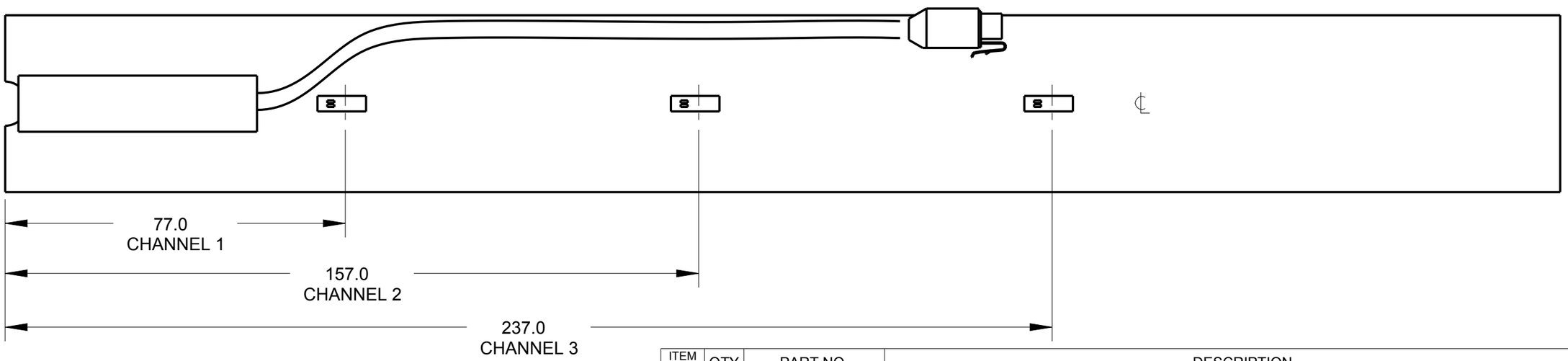
CONNECTOR PINOUTS		
PIN	CHANNEL	FUNCTION
1	1	+SIG
2	1	+ID
3	2	-SIG
4	2	+SIG
5	1	-SIG
6	1	+EXC
7	1	-EXC
8	2	+EXC
9	2	+ID
10	3	+SIG
11	3	+EXC
12	3	-EXC
13	2	-EXC
14	3	-SIG
15	3	+ID
16		-ID

PERFORMANCE SPECIFICATIONS			
	GAUGE 1	GAUGE 2	GAUGE 3
CAPACITY (Nm)	380	380	380
NOMINAL F.S. OUTPUT (mV/N)	11.8	11.8	11.8
NOMINAL BRIDGE RESISTANCE (Ω)	350	350	350
NONLINEARITY (%F.S.)	≤ 1.0	≤ 1.0	≤ 1.0
HYSTERESIS (%F.S.)	≤ 2.0	≤ 2.0	≤ 2.0
EXCITATION VOLTAGE (V DC MAX.)	10	10	10

REVISIONS				
ECO/ECR#	REV.	DESCRIPTION	DATE	CHANGED BY
	A			
	B	EXPECTED OUTPUT (m/V/V) WAS (mV/N), 11.8 WAS 9.5	21/10/14	MB

These FlexPLI lower legform drawings are the property of Humanetics, publically available through the UNECE website (www.unece.org, see document GTR9-9-11), and are being provided to NHTSA under agreement for the purpose of evaluation. Except for review and comment by the public, these drawings shall not be copied or used for any other purpose.



ITEM NO.	QTY	PART NO.	DESCRIPTION

PART LIST

133-5100	1	133-5000
NEXT ASSEMBLY	QTY	USED ON

APPLICATION

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS
TOLERANCES ARE:
DECIMALS: ANGLES: MACHINED:
X ± 0.5 ±0.5 ° 1.6
X.X ± 0.1
X.XX ± 0.05
ASME Y14.5M - 1994
DO NOT SCALE DRAWING

STANDARD BUILD LEVEL: A

THIRD ANGLE PROJECTION

	APPROVALS	DATE
MATERIAL	DRAWN J. MCINNIS	08-Feb-16
HEAT TREAT	CHECKED	
FINISH	PROD. ENG.	

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PCB BONE ASSEMBLY, FEMUR

SIZE A3 | DWG NO. 133-5165 | REV B
SCALE 1.000 | SHEET 2 OF 2

FORMAT: SHEET-A3 REV.- A DOCUMENT 1 OF 2

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PRO/ENGINEER