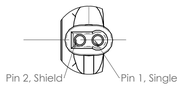
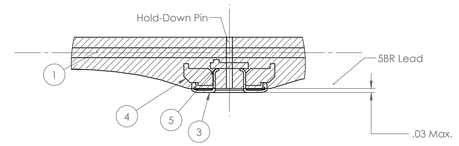
REVISIONS				
ECO	REV	DESCRIPTION	BY	DATE
ECO-033038	01	INITIAL RELEASE	GL	12/2/2019

Detail C: 249 Connector Polarity (all)

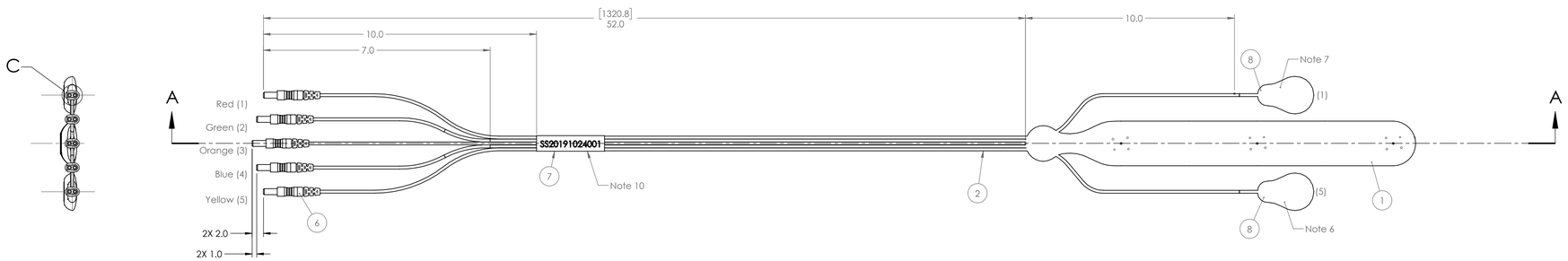


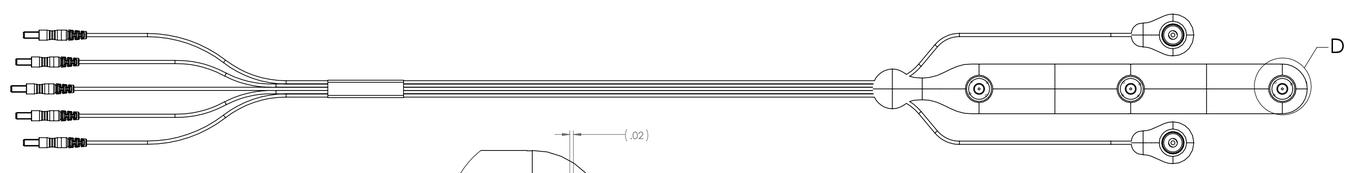
DETAIL C
SCALE 2 : 1

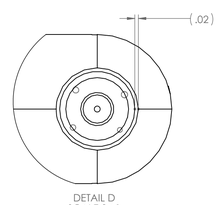


DETAIL B
SCALE 2 : 1

SECTION A-A
SCALE 1 : 1.5







DETAIL D
SCALE 2 : 1

Notes

1. RoHS Required
2. 685 Sesnor strip uses premold/overmold design.
   - Refer to drawing 43326 for 685 Electrode (overmold) details
   - Refer to drawing 43329 for 685 premold details
3. Refer to drawing 43324 for 685 snap premold details
4. 685 Electrode mates to 4.5 mm male stud (3x)
5. 686 Snap mates to 4.0 mm male stud
6. Bias electrode, 686 Snap, no PCB, Yellow overmold
7. Reference electrode w/PCB, 686 Snap, Red overmold
8. Electrical test (See Detail C)
   - Use Fluke 117 or Equivalent
   - Red lead (+) to Input (snap) and Black Lead t(-) to Output (249 signal) shall read 9.2 - 9.34 MOhms. Reversing the leads shows an open.
   - Black lead (-) connected to input (snap) and Red lead connected to shield shall read 7.2 - 7.3 MOhms. Reversing the lead shows an open.
9. Instrument connector is POI 249 (Touchproof, 2 pole, Keyed, 1 mm)
10. Label format:
    - SS19J123456
      -- SS = Sesnor strip
      -- 91 = date of job (year)
      -- J123456 = Lot number based on POI Job Number
11. Handle 43333 PCB in accordance with proper ESD procedures.
12. Package compelted sensor strips in individual zip-loc bags
13. Prototype mold design: No material shrinkage applied from Model
14. Molds to be fabricated by CNC Machining
15. Positioning pins are optional (pins that are flush with cavity will be installed)
    - Seal holes w/Loctite 401

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	43326	linear_sensor_strip_amber_16oct	1
2	5BR	Cable, Ribbon, 5 Conductor w/Shield	1
3	43326_Snap	Snap, 4.5 MM, Rome 91 Socket	3
4	690-15533-01	MECH, SNAP, ACTIVE ELECTRODE, AMBER	3
5	650-02728-01	Reference	4
6	37347	POI 249, 1mm Touchproof, Riteflex Overmold	5
7	43330_Tube	Shrink tube, 1.5"	1
8	43335	POI 686, Snap, Riteflex Overmold	2
9	43329rev2	Part of 43326	1

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UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MILLIMETERS

TOLERANCES UNLESS OTHERWISE NOTED:
X ±1
X.X ±0.3
X.XX ±0.10
ANGLES ±0.25

THIRD ANGLE PROJECTION

SURFACE ROUGHNESS 1.6/√ UNLESS OTHERWISE SPECIFIED
BREAK SHARP EDGES TO ≤0.4 MM

DRAWN	AAHMADI	DATE 11/25/2019
CHECKED	G.LEVINE	DATE 11/25/2019
ENGINEER	G.LEVINE	DATE 11/25/2019
MATERIAL	N/A	
FINISH	N/A	

INTERPRET DRAWING PER ASME Y14.5-2009

DO NOT SCALE DRAWING

100 Mayfield Avenue
Mountain View CA 94043
USA

TITLE: ASSY, HARNESS, CABLE, LINEAR SENSORESTRIP

SIZE	PART NUMBER	REV
D	725-01312-01	01
SCALE 1:2	FILE NAME 725-01312-01	MASS (g):

SHEET 1 OF 1