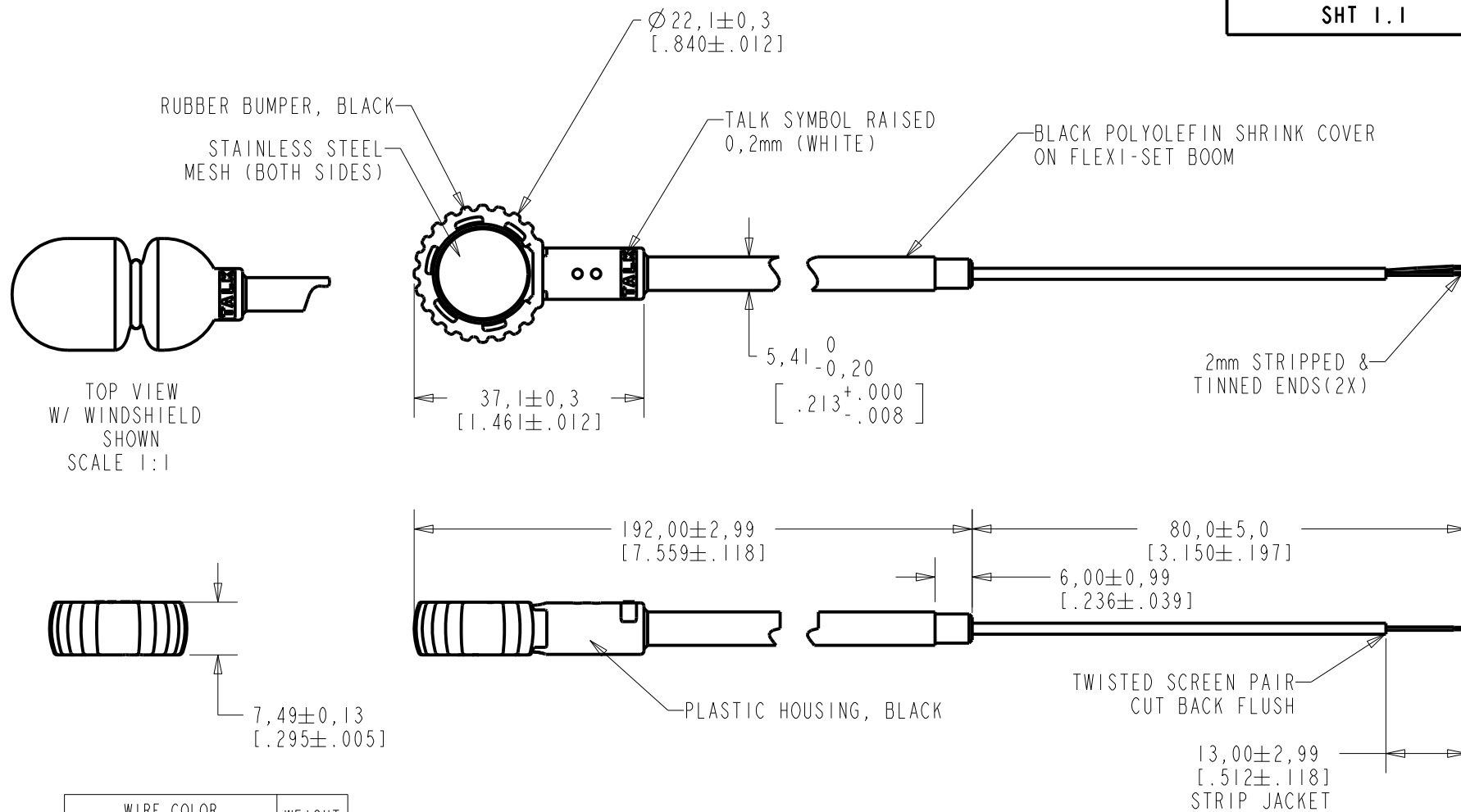


FB-EI-31552-000

SHT 1.1



WIRE COLOR			WEIGHT GRAMS
+ve	-ve		
RED	GREEN	SHIELD	t.b.d.

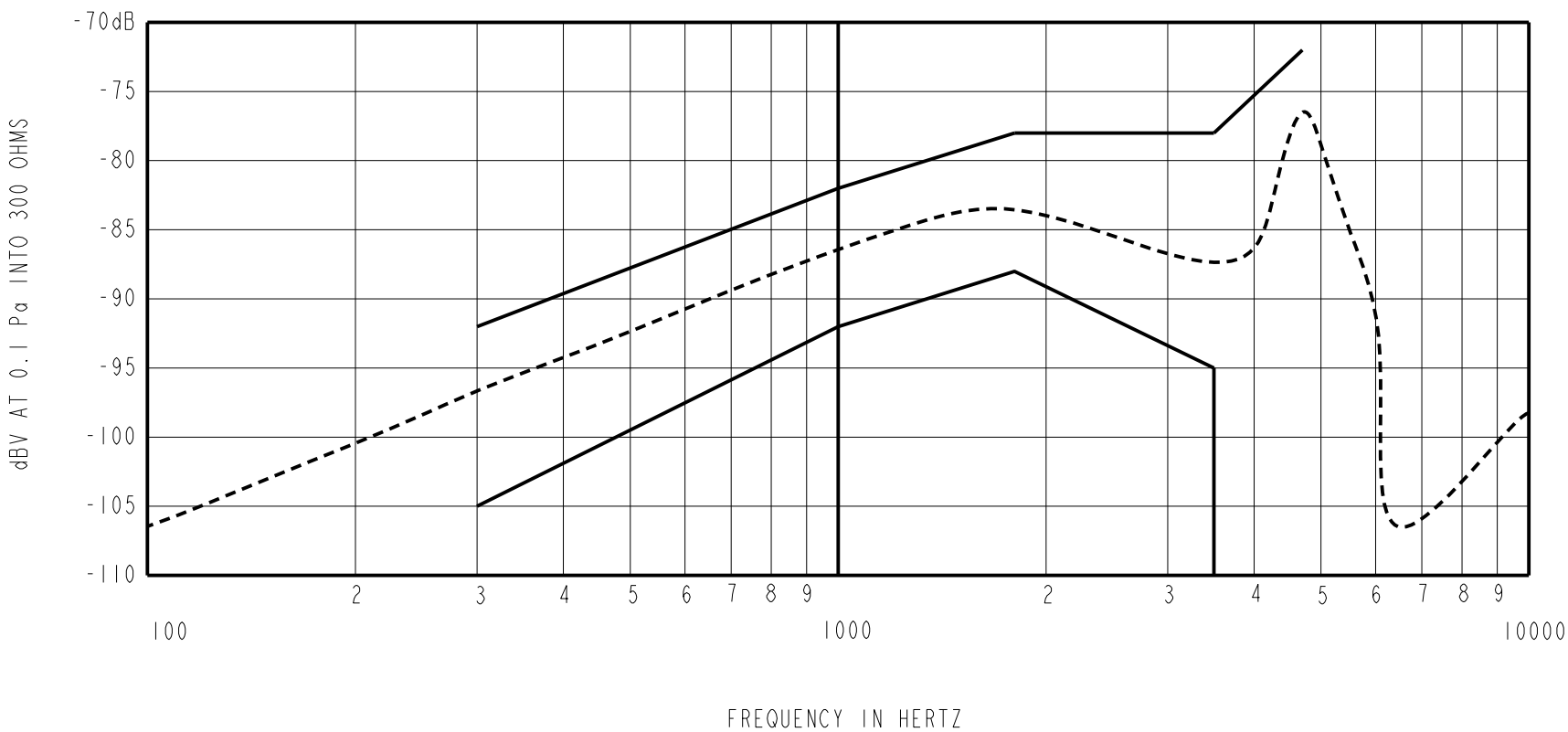
DIMENSIONS IN MILLIMETERS [INCHES]

KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.

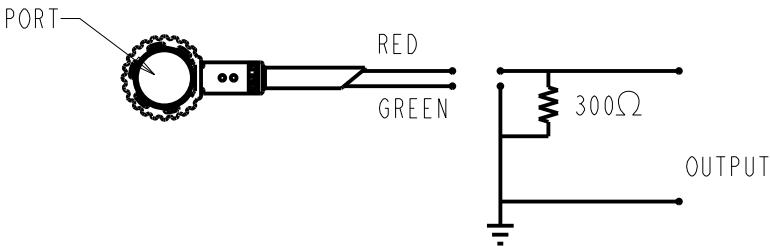
Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
B	C40101206	3-7-13	Active	B
A	C40101075	8-7-12		
SCALE: 1:1			DR. BY	DATE
DO NOT SCALE DRAWING			OO	8-7-12
TITLE: BOOM MICROPHONE			CK. BY	DATE
FB-EI-31552-000			GJP	8-9-12
OUTLINE DRAWING			APP. BY	DATE
SHT 1.1			GJP	8-9-12

KE111ASIZE.FRM

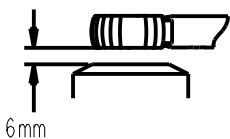
Rev: B



- NOTES:
- SENSITIVITY VALUES INDICATED ON THIS SPECIFICATION ARE VALID AT 50% HUMIDITY.
 - | FREQUENCY | SENSITIVITY | | |
|-----------|-------------|-------|------|
| | NIN. | NOM. | MAX. |
| 300 | -105 | -97.5 | -92 |
| 1000 | -92 | -87.0 | -82 |
| 1800 | -88 | -83.0 | -78 |
| 3500 | -95 | -87.5 | -78 |
| 4000 | --- | -86.5 | --- |
| 4700 | --- | -76.5 | -72 |
 - TEST CONDITIONS:
HEAD OF BOOM EXPOSED TO 94 dBSPL SWEPT SOUND FIELD AT 6mm FROM VOICE APERTURE.
ARTIFICIAL VOICE:
B & k 4227 MOUTH SIMULATOR.
 - FOR MICROPHONE CAPSULE SPEC. SEE DRAWING BJ-28471-000 SHEET 2.1.
 - SURVIVES SUBMERSION IN 1m WATER FOR 30 MINUTES; SENSITIVITY WITHIN 3dB OF INITIAL SENSITIVITY AFTER DRIED FOR 30 MINUTES AT ROOM TEMPERATURE.



LEAD IDENTIFICATION
& TEST CIRCUIT



KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.

Revision	C.O. #	Implementation Date	RELEASE LEVEL		REVISION
B	C40101206	3-7-13	Active		B
A	C40101075	8-7-12			
WHEN TEST LIMITS ARE USED TO ESTABLISH INCOMING INSPECTION ACCEPTANCE/REJECTION CRITERIA, CORRELATION OF TEST EQUIPMENT WITH KNOWLES IS ALSO REQUIRED FOR ELIMINATION OF EQUIPMENT AND TEST METHOD VARIATION				DR. BY	DATE
				OQ	8-7-12
				CK. BY	DATE
TITLE:	BOOM MICROPHONE		FB-EI-31552-000	GJP	8-9-12
				APP. BY	DATE
				GJP	8-9-12
PERFORMANCE SPECIFICATION		SHT 2.1			