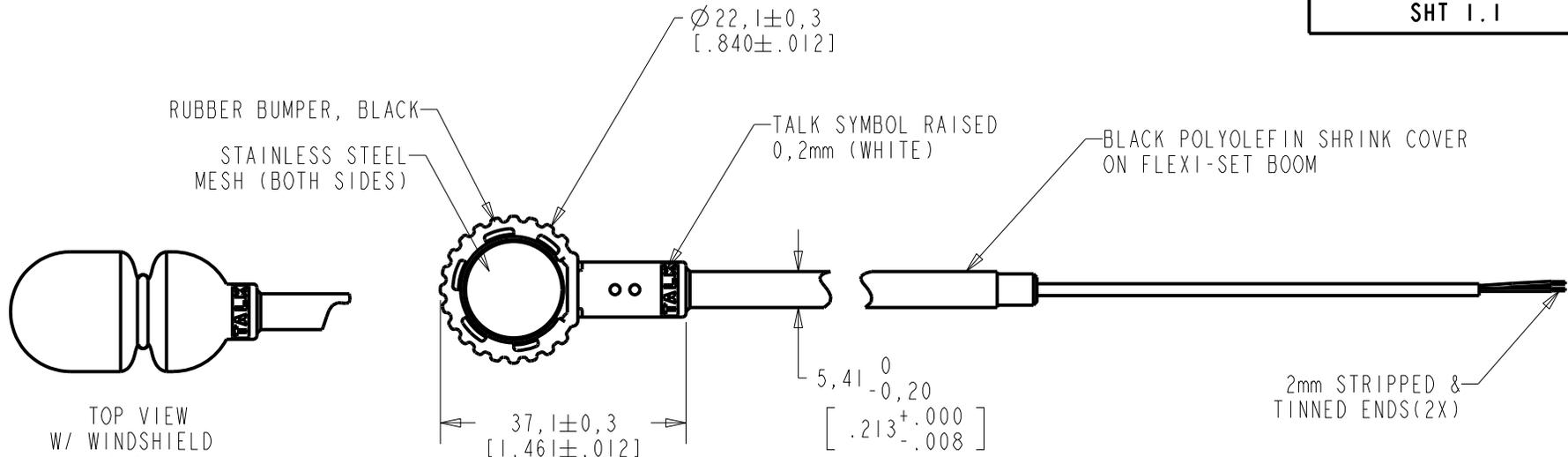
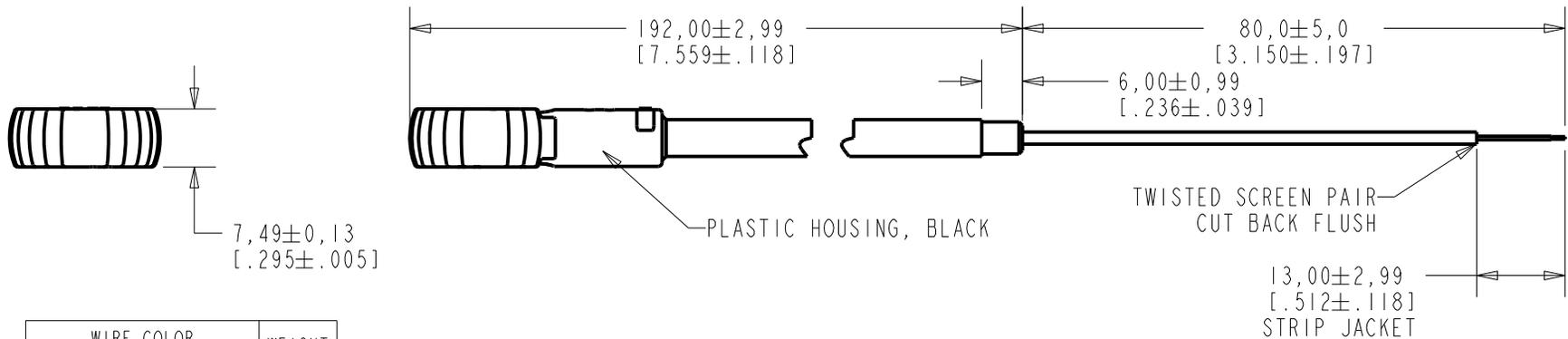


FB-EI-31552-000

SHT 1.1



TOP VIEW
W/ WINDSHIELD
SHOWN
SCALE 1:1



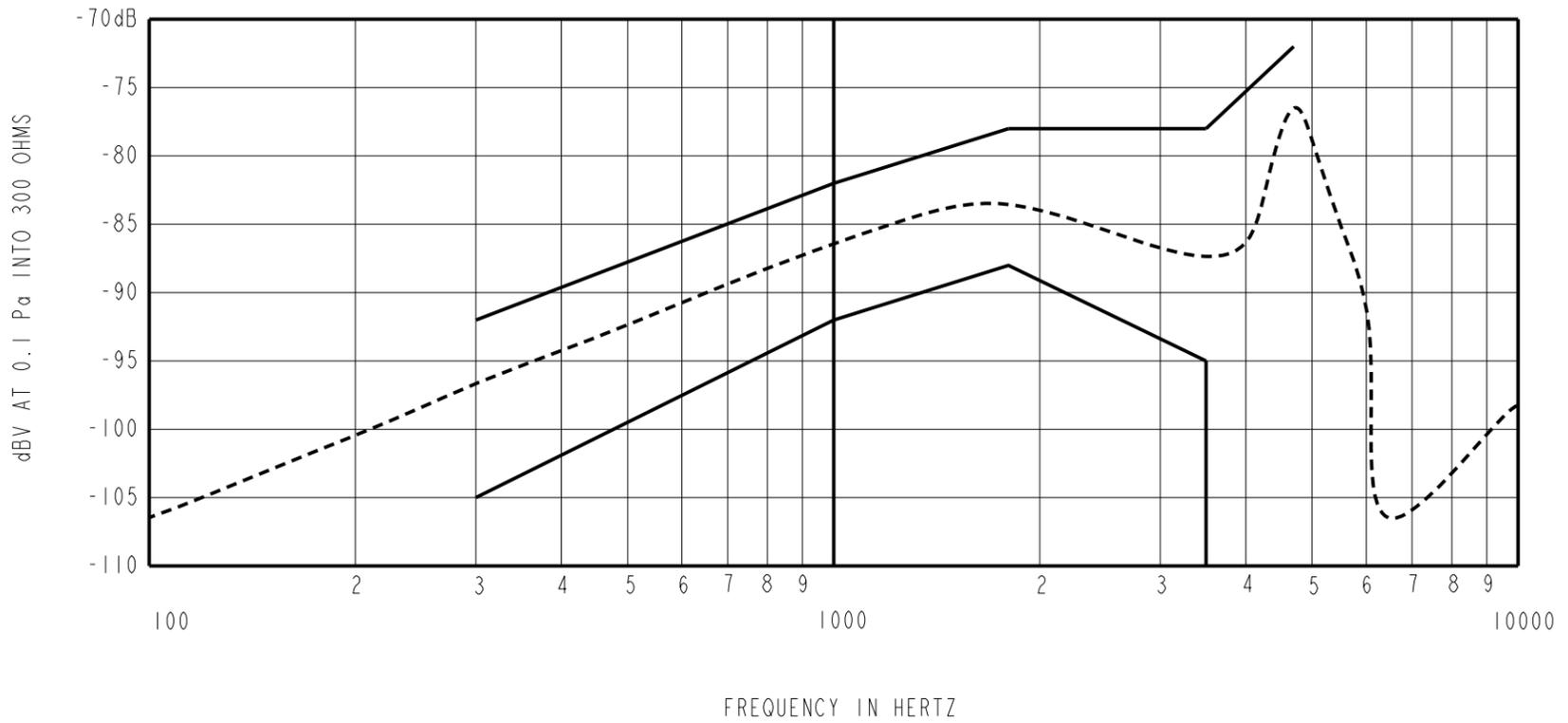
WIRE COLOR			WEIGHT GRAMS
+ve	-ve		
RED	GREEN	SHIELD	t.b.d.

DIMENSIONS IN MILLIMETERS [INCHES]

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 FB-EI-31552-000		GJP	8-9-12
OUTLINE DRAWING		APP. BY	DATE
SHT 1.1		GJP	8-9-12

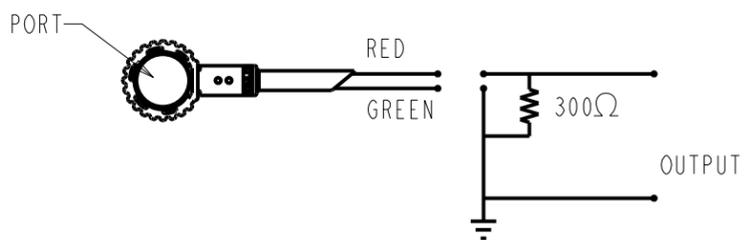
KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.



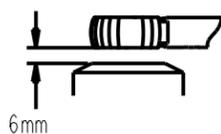
NOTES:

1. SENSITIVITY VALUES INDICATED ON THIS SPECIFICATION ARE VALID AT 50% HUMIDITY.
2.

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
3. TEST CONDITIONS:
HEAD OF BOOM EXPOSED TO 94 dBSPL SWEPT SOUND FIELD AT 6mm FROM VOICE APERTURE.
ARTIFICIAL VOICE:
B & k 4227 MOUTH SIMULATOR.
4. FOR MICROPHONE CAPSULE SPEC. SEE DRAWING BJ-28471-000 SHEET 2.1.
5. 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



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
TITLE: BOOM MICROPHONE FB-EI-31552-000 PERFORMANCE SPECIFICATION SHT 2.1			OQ	8-7-12
			CK. BY	DATE
			GJP	8-9-12
			APP. BY	DATE
			GJP	8-9-12

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