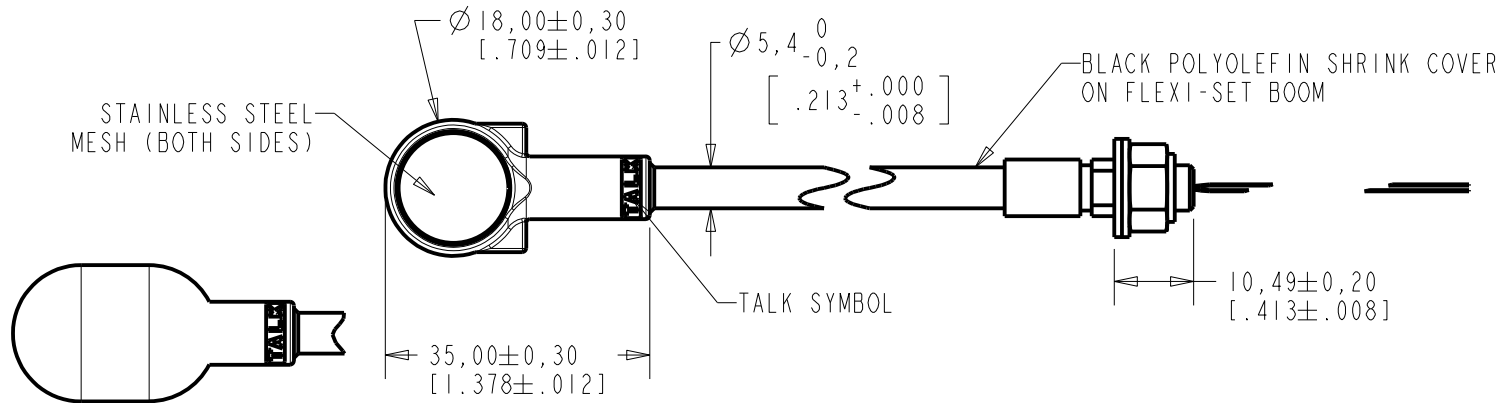


FB-EI-30026-000

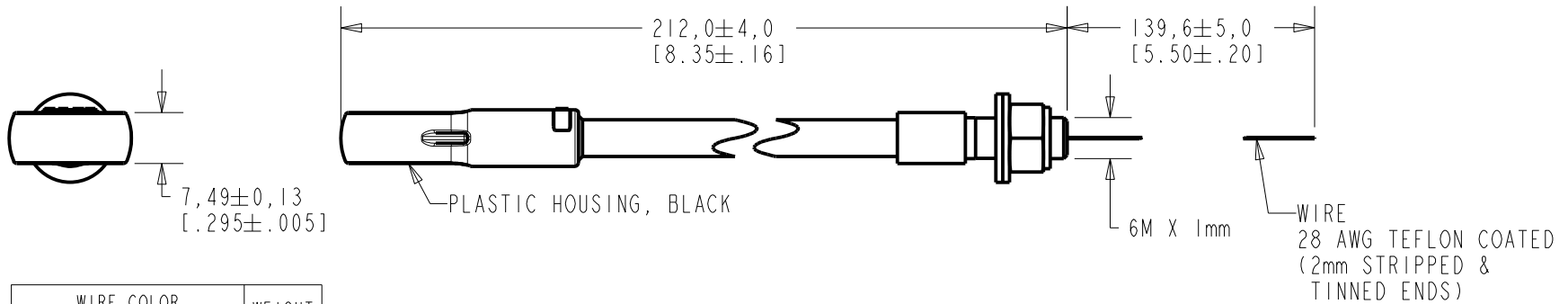
SHT 1.1

NOTES:
1. LASER MARK, SEE WORK INSTRUCTION.



TOP VIEW
W/ WINDSHIELD SHOWN
SCALE 1:1

RED CONTROLLED



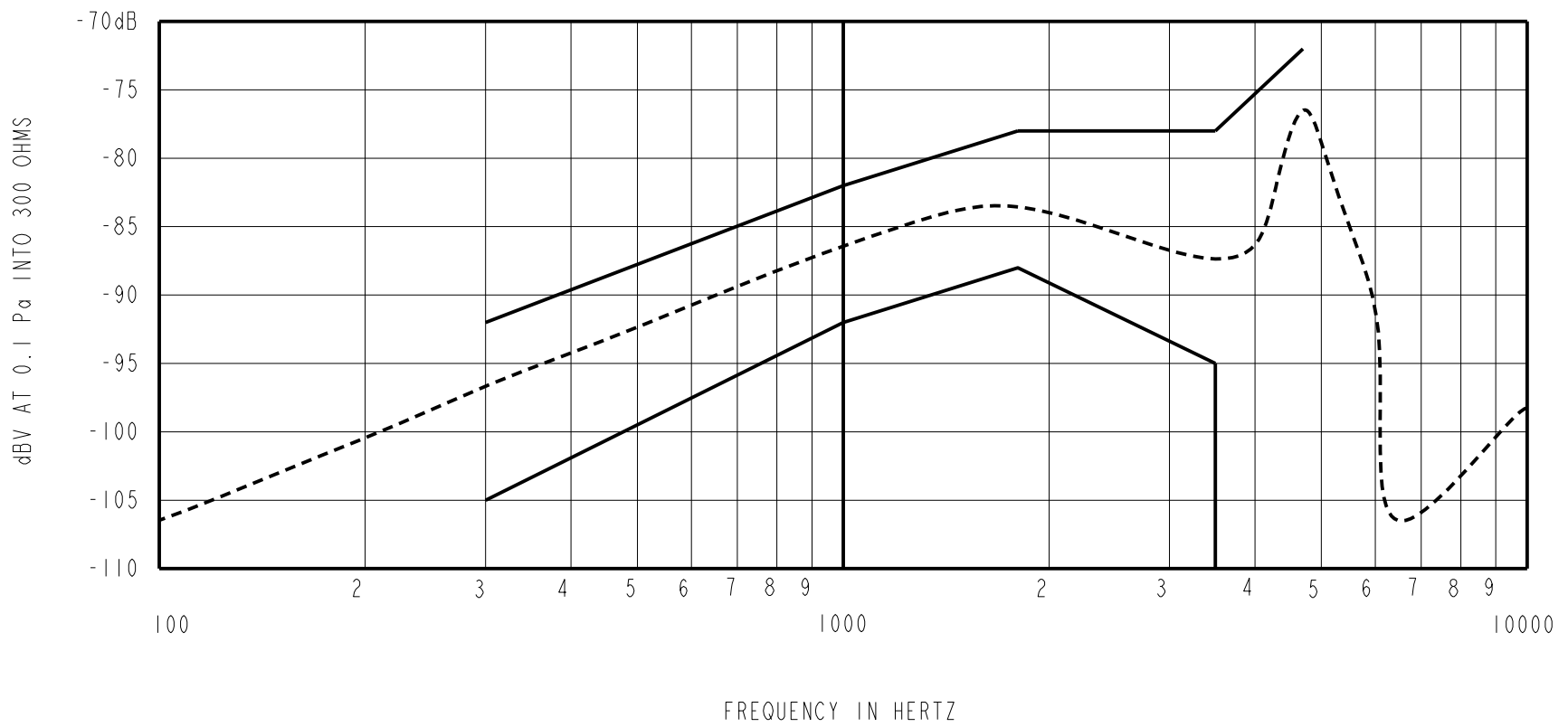
WIRE COLOR		WEIGHT GRAMS
+ve	OUTPUT	
RED	-	BLACK t.b.d.

DIMENSIONS IN MILLIMETERS [INCHES]

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
H	C40101206	3-4-13	Active	H
G	C40100594	2-28-11		

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ITASCA, ILLINOIS U.S.A.

SCALE: 1:1	DR. BY: CRG	DATE: 4-28-08
DO NOT SCALE DRAWING	CK. BY: GJP	DATE: 8-4-06
TITLE: BOOM MICROPHONE	APP. BY: GJP	DATE: 8-4-06
OUTLINE DRAWING	FB-EI-30026-000 SHT 1.1	

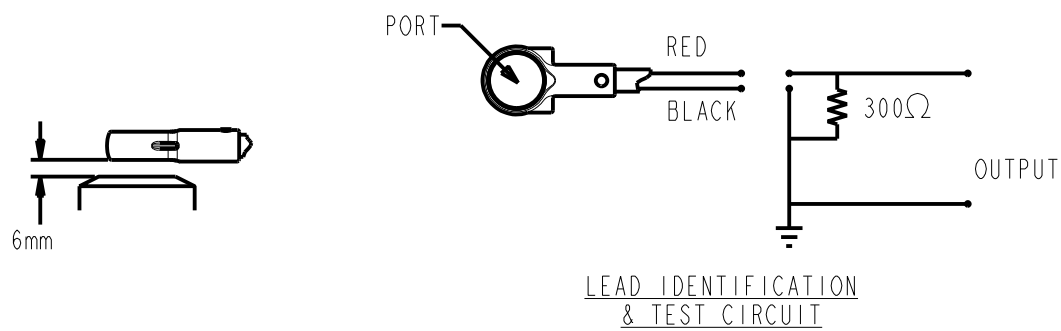


NOTES:

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	-82
1800	-88	-83	-78
3500	-95	-87.5	-78
4000	---	-86.5	---
4700	---	-76.5	-72
3. TEST CONDITIONS:
HEAD OF BOOM EXPOSED TO 94 dB SPL 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.

RED CONTROLLED

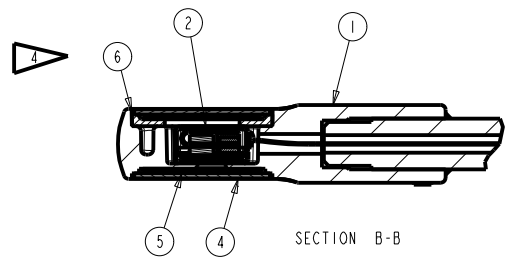
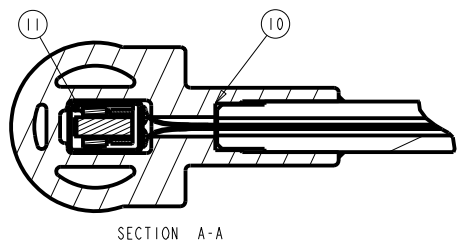


Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
H	C40101206	3-4-13	Active	H
G	C40100594	2-28-11		
WHEN TEST LIMITS ARE USED TO ESTABLISH INCOMING INSPECTION ACCEPTANCE/REJECTION CRITERIA, CORRELATION OF TEST EQUIPMENT WITH KNOWLES IS ALSO REQUIRED FOR ELIMINATION OF EQUIPMENT AND TEST METHOD VARIATION				
TITLE: BOOM MICROPHONE			FB-EI-30026-000	DR. BY DATE CRG 4-28-08
PERFORMANCE SPECIFICATION			SHT 2.1	CK. BY DATE GJP 8-4-06
				APP. BY DATE GJP 8-4-06

KNOWLES ELECTRONICS
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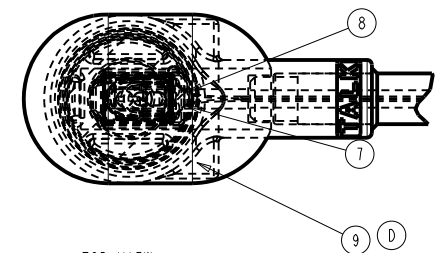
FB-EI-30026-000

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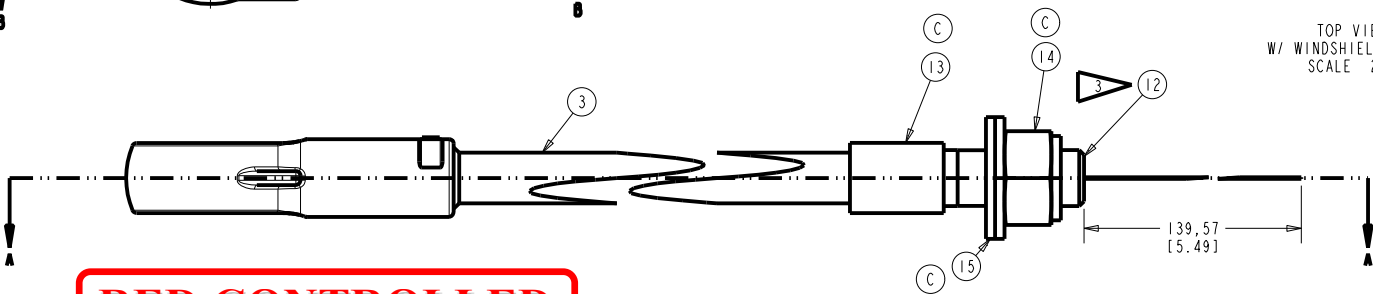
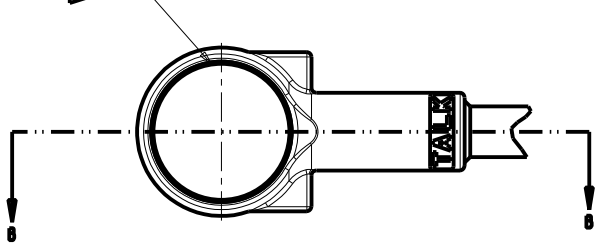


NOTES:

1. ITEM NUMBERS (SHOWN THUS **b**) ON DRAWING CORRESPOND WITH ITEM NUMBERS ON BILL OF MATERIAL.
- (D) 2 ATTACH ITEM **2** TO ITEM **1** IN 4 PLACES MINIMUM ON EACH SIDE USING CEMENT (ITEM **11**).
- (D) 3 SEAL BOOM END WITH ITEM **12**. BUILD UP TO BE 2mm MAX.
- (A) 4 WATERPROOF SEAL BETWEEN ITEMS **1** & **6** WITH CEMENT.
- (E) 5. ITEM **1** (FB-044) MUST USE VERSION F OR ABOVE.



(4X), BOTH SIDES



RED CONTROLLED

DIMENSIONS IN MILLIMETERS [INCHES]

RELEASE LEVEL		REVISION	
Active		H	
SCALE: 2:1		DO NOT SCALE DRAWING	
DR. BY	DATE	CRG	4-28-08
CH. BY	DATE	GJP	8-4-06
APP. BY	DATE	GJP	8-4-06
TITLE		FB-EI-30026-000	
BOOM MICROPHONE ASSEMBLY		SHEET 3.1	

MATERIAL		SEE BILL OF MATERIALS	FINISH
REF. ID-1747	F I.c.o. C10107747	RENAME IN PROJE FROM FB-30026-000 TO FB-EI-30026-000 III 8-11-08	UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES
	G I.c.o. C40100594	REVISE CABLE LENGTH AND WEIGHT IN INCHES CW 2-28-11	
	H I.c.o. C40101206	UPDATE THE REVISION 00 3-4-13	THIRD ANGLE PROJECTION

KNOWLES ELECTRONICS
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FB-EI-30026-000 Sheet 4.1		KNOWLES ELECTRONICS ITASCA, ILLINOIS U.S.A.		FB-EI-30026-000 Sheet 4.1	
Dr. By Date CRG 4-28-08	Subject: BOOM MICROPHONE ASSEMBLY			Revision H	
Ch. GJP 8-4-06 App. GJP 8-4-06				Release Level Active	
COL. 1	2	3	4		
Part or Dwg. no.	Tot. Req.	Nomenclature:	Applicable Specs or Remarks	Item No.	Line No.
FB-044	1	HOUSING		1	1
BJ-28471-000	1	MICROPHONE ASSEMBLY		2	2
FB-189-172	1	FLEXIBLE BOOM 5.4 mm		3	3
FB-037	2	SCREEN DISC		4	4
H FB-234	2	MEMBRANE		5	5
E FB-045	1	COVER		6	6
E FB-070-011	1	WIRE BLACK TEFLON		7	7
E FB-070-008	1	WIRE RED TEFLON		8	8
FB-042	1	WINDSHIELD		9	9
G 13-092-080102	A/R	CEMENT		10	10
13-092-120103	A/R	CEMENT		11	11
13-591	A/R	SILICONE SEALANT		12	12
FB-201	1	BULKHEAD CONNECTOR		13	13
FB-051	1	NUT		14	14
FB-052	2	WASHER		15	15

RED CONTROLLED

REVISION	F c.o. C10107747	RENAME IN PRO/E FROM FB-30026-000 TO FB-EI-30026-000 TT 8-11-08		G c.o. C40100594	REVISE CABLE LENGTH AND CEMENT PN CW 2-28-11	H c.o. C40101206	FB-234 WAS FB-038 00 3-4-13	FB-EI-30026-000 Sheet 4.1
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REF: 300-PART-00-PW REF: 0