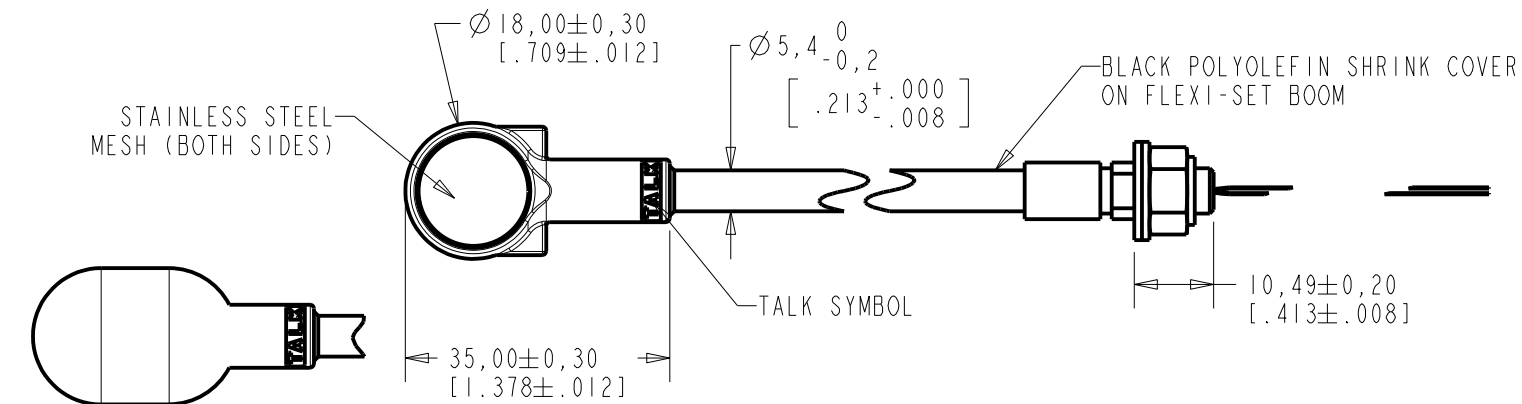


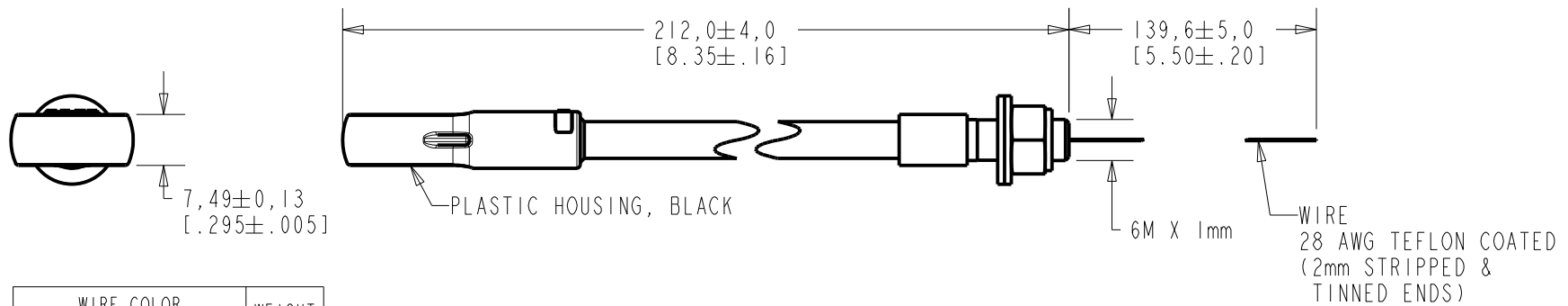
FB-EI-30026-000

SHT 1.1

NOTES:
1. LASER MARK, SEE WORK INSTRUCTION.



RED CONTROLLED



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

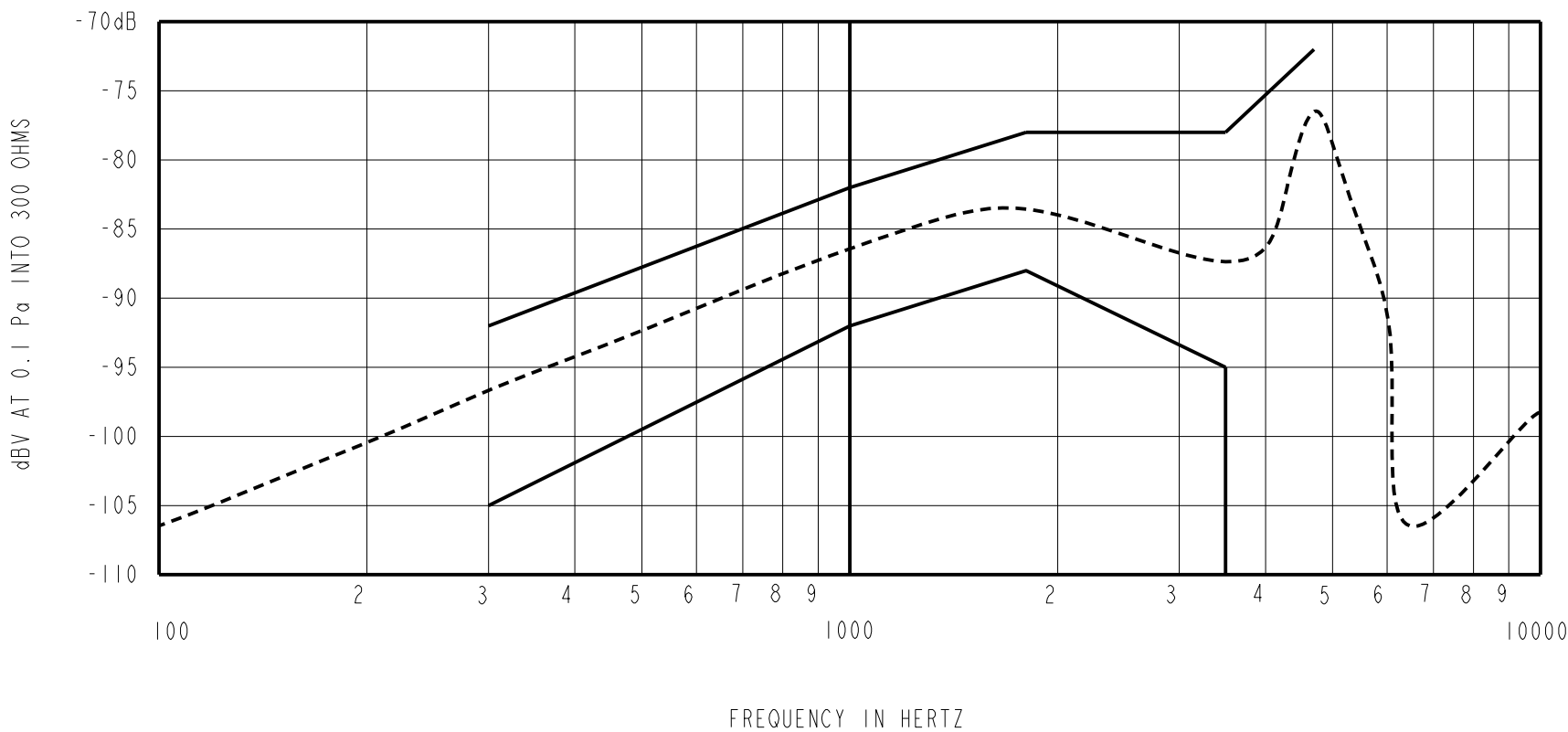
DIMENSIONS IN MILLIMETERS [INCHES]

KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
H	C40101206	3-4-13	Active	H
G	C40100594	2-28-11		
SCALE: 1:1			DR. BY	DATE
DO NOT SCALE DRAWING			CRG	4-28-08
TITLE: BOOM MICROPHONE			CK. BY	DATE
OUTLINE DRAWING			GJP	8-4-06
FB-EI-30026-000			APP. BY	DATE
SHT 1.1			GJP	8-4-06

KE111ASIZE.FRM

Rev: B

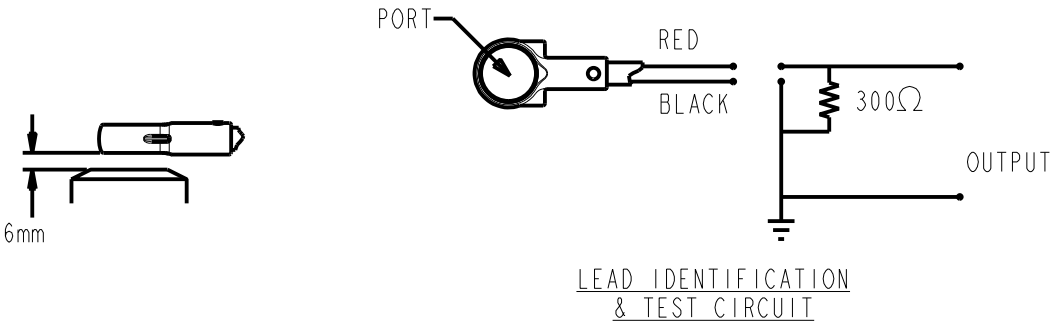


NOTES:

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

FREQUENCY	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 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.

RED CONTROLLED



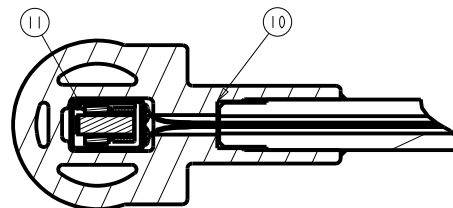
KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.

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				DR. BY	DATE
				CRG	4-28-08
				CK. BY	DATE
				GJP	8-4-06
TITLE: BOOM MICROPHONE		FB-EI-30026-000		APP. BY	DATE
				GJP	8-4-06
PERFORMANCE SPECIFICATION		SHT 2.1			

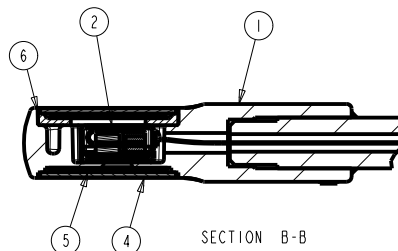
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FB-EI-30026-000

(4X), BOTH SIDES



SECTION A-A



SECTION B-B

NOTES:

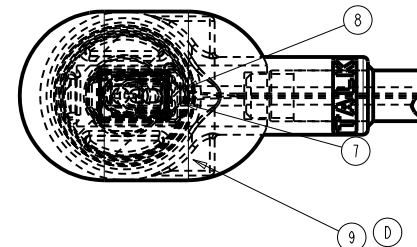
1. ITEM NUMBERS (SHOWN THUS **b**) ON DRAWING CORRESPOND WITH ITEM NUMBERS ON BILL OF MATERIAL.

(D) 2 ATTACH ITEM (4) TO ITEM (1) IN 4 PLACES MINIMUM ON EACH SIDE USING CEMENT (ITEM (6)).

(D) 3 SEAL BOOM END WITH ITEM (12). BUILD UP TO BE 2mm MAX.

(D) 4 WATERPROOF SEAL BETWEEN ITEMS (1) & (6) WITH CEMENT.

(E) 5. ITEM (1) (FB-044) MUST USE VERSION F OR ABOVE.



TOP VIEW
W/ WINDSHIELD SHOWN
SCALE: 2:1

RED CONTROLLED

DIMENSIONS IN MILLIMETERS [INCHES]

MATERIAL SEE BILL OF MATERIALS				FINISH		RELEASE LEVEL		REVISION	
						Active		H	
						SCALE: 2:1		DO NOT SCALE DRAWING	
						KNOWLES ELECTRONICS		DR. BY DATE	
						ITASCA, ILLINOIS U.S.A.		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		SHEET	
						ASSEMBLY		3.1	
								REV: B	

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES



THIRD ANGLE PROJECTION

BOOM MICROPHONE
ASSEMBLY

FB-EI-30026-000

SHEET 3.1

KEY: 1. SIZE, FORM REV: B

H
E
E
G

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

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: 100-PART-00-PMW REF: 0