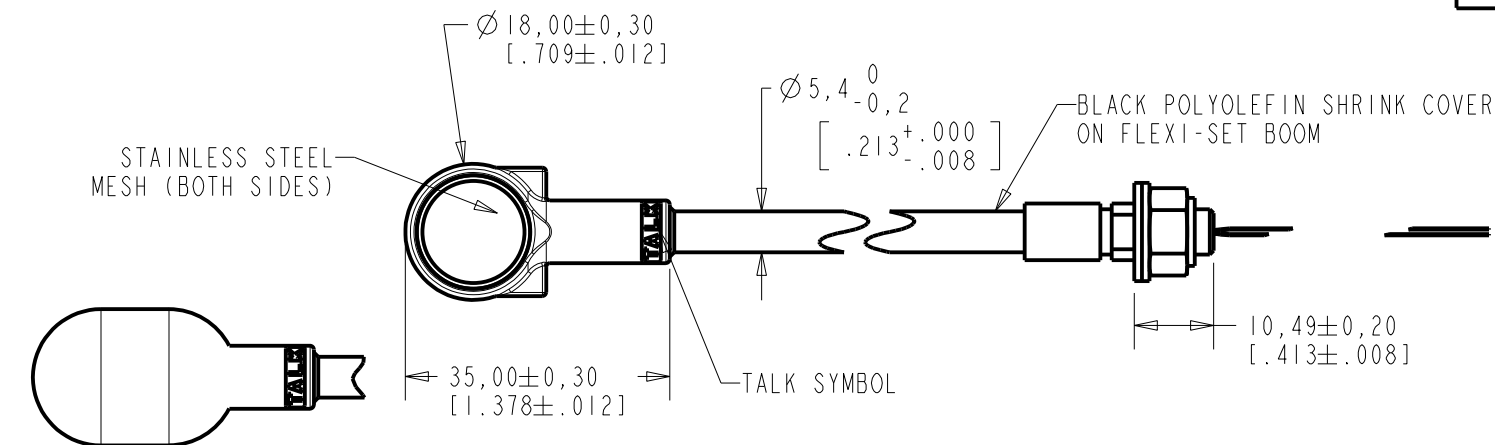


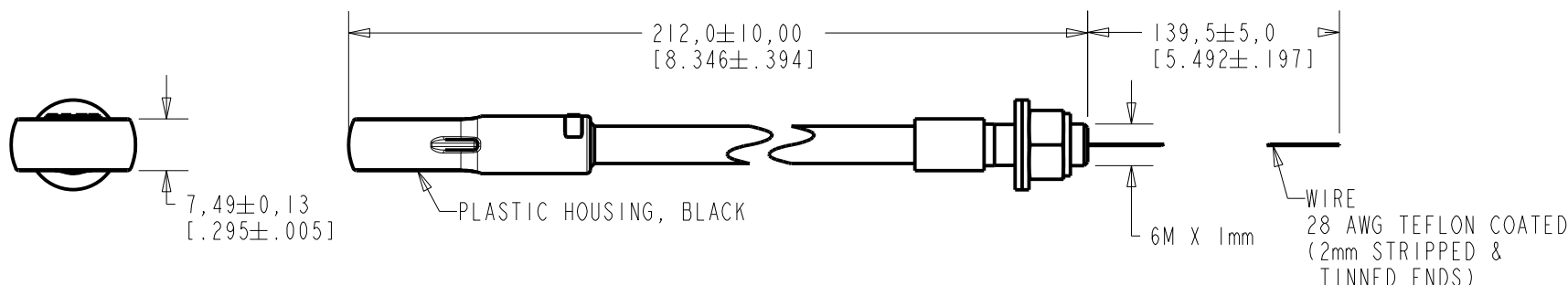
FB-EI-30426-000

SHT 1.1



TOP VIEW
W/ WINDSHIELD SHOWN
SCALE 1:1

RED CONTROLLED

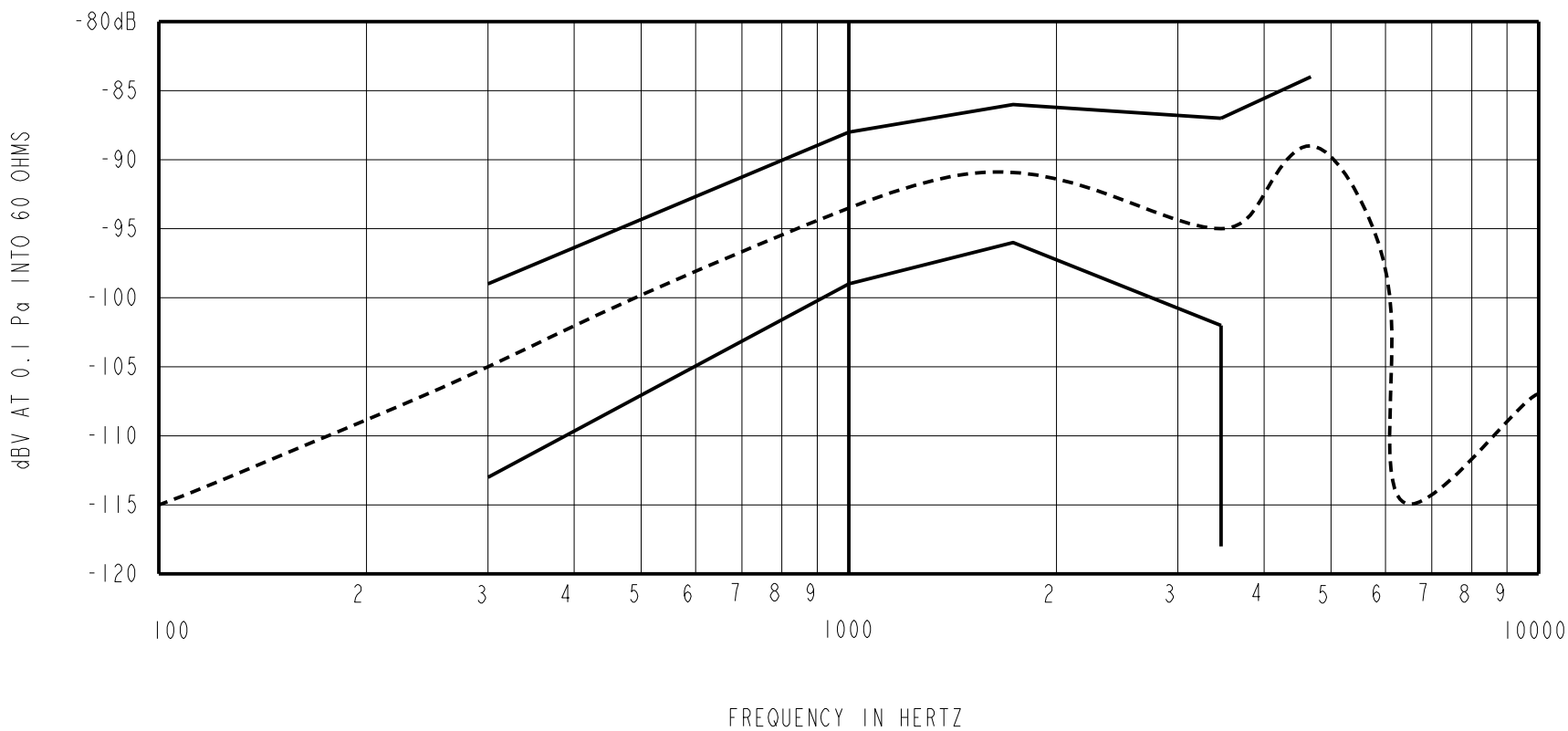


WIRE COLOR			WEIGHT GRAMS
+ve	OUTPUT	-ve	
RED	-	BLACK	t.b.d.

DIMENSIONS IN MILLIMETERS [INCHES]

KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
			Active	D
D	C40101206	3-5-13		
SCALE: 1:1			DR. BY TT	DATE 4-14-08
DO NOT SCALE DRAWING			CK. BY GJP	DATE 4-25-08
TITLE: BOOM MICROPHONE			APP. BY GJP	DATE 4-25-08
OUTLINE DRAWING			SHT 1.1	

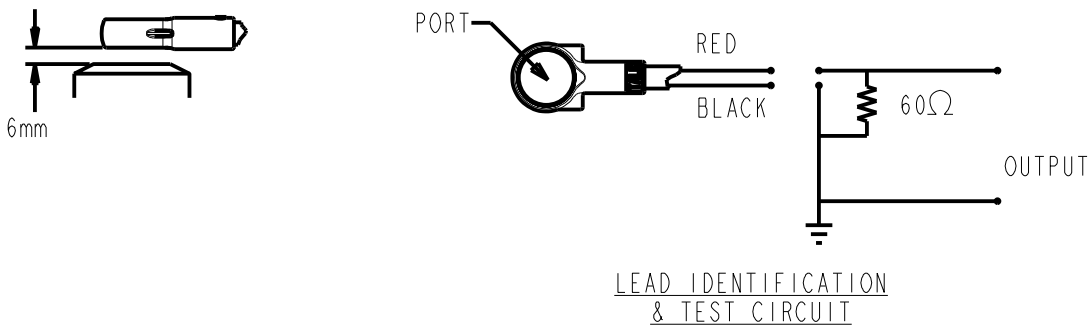


NOTES:

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

FREQUENCY	MIN.	NOM.	MAX.
300	-113	-105	-99
1000	-99	-93.5	-88
1800	-96	-91	-86
3500	-102	-95	-87
4000	---	-92.5	---
4700	---	-89	-84
3. TEST CONDITIONS:
HEAD OF BOOM EXPOSED TO 74 dBSPL SWEPT SOUND FIELD AT 6mm FROM VOICE APERTURE.
ARTIFICIAL VOICE:
B & k 4227 MOUTH SIMULATOR.
4. FOR MICROPHONE CAPSULE SPEC. SEE DRAWING BJ-28486-000 SHEET 2.1.
5. PASS WATER PROOF TEST 1m.5 MINUTES.

RED CONTROLLED



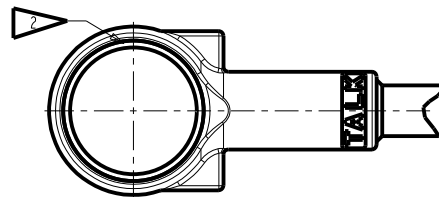
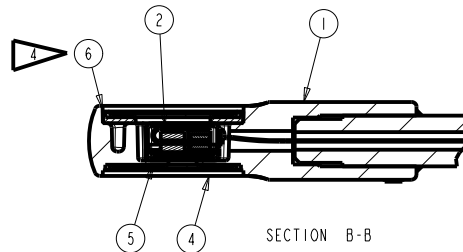
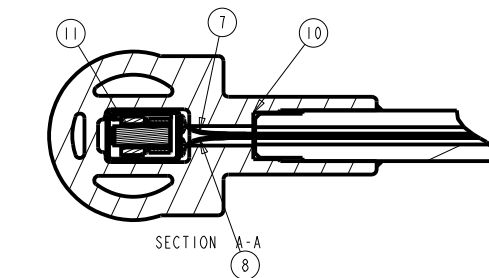
TT 12-10-07

KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
			Active	D
D	C40101206	3-5-13		
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-E I -30426-000 PERFORMANCE SPECIFICATION			TT	4-14-08
			CK. BY	DATE
			GJP	4-25-08
			APP. BY	DATE
			GJP	4-25-08

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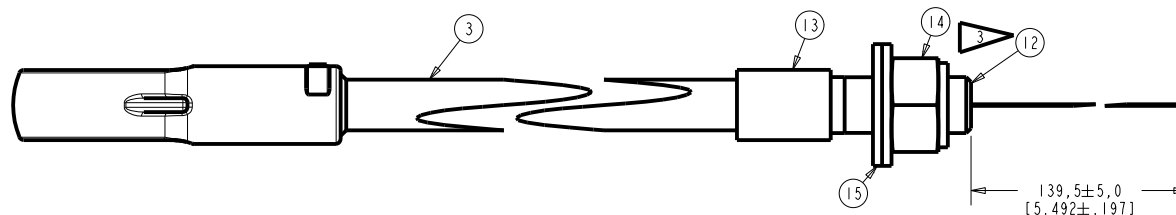
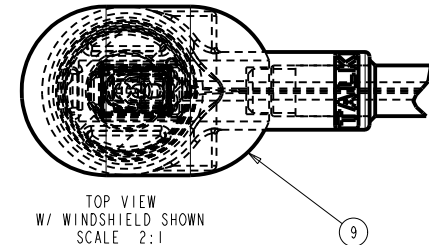
FB-EI-30426-000



RED CONTROLLED

NOTES:

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



DIMENSIONS IN MILLIMETERS [INCHES]

MATERIAL				SEE BILL OF MATERIALS		FINISH		RELEASE LEVEL		REVISION	
REF. 10-1747	A	C10107360						Active		D	
	B	C10107747						SCALE: 2:1		DO NOT SCALE DRAWING	
	RENAME IN PROJE FROM FB-30426-000 TO FB-EI-30426-000 11.8.11-08							DR. BY DATE TT 4-14-08			
	C	C40100594						CH. BY DATE GJP 4-25-08			
	REVISE CEMENT PN 2-28-11							APP. BY DATE GJP 4-25-08			
	D	C40101206						KNOWLES ELECTRONICS			
	UPDATE THE REVISION 00.3-4-13							ITASCA, ILLINOIS U.S.A.			
								TITLE			
								BOOM MICROPHONE ASSEMBLY			
								FB-EI-30426-000			
								SHEET 3.1			

KEY: 131.B512.FRM REV: B

FB-E I -30426-000			KNOWLES ELECTRONICS			FB-EI-30426-000				
Sheet 4.1			ITASCA, ILLINOIS U.S.A.			Sheet 4.1				
By Dr. TT 4-14-08			Subject: BOOM MICROPHONE ASSEMBLY			Revision		Release Level Active		
Ch. GJP 4-25-08						D				
App. GJP 4-25-08										
COL. 1			2	3			4		Item No.	Line No.
Part or Dwg. no.			Tot. Req.	Nomenclature:			Applicable Specs or Remarks			
FB-044			1	HOUSING					1	1
BJ-28486-000			1	MICROPHONE ASSEMBLY					2	2
FB-189-172			1	FLEXIBLE BOOM 5.4 mm					3	3
FB-223			2	SCREEN DISC					4	4
FB-234			2	MEMBRANE					5	5
FB-045			1	COVER					6	6
FB-070-011			A/R	WIRE BLACK TEFLON					7	7
FB-070-008			A/R	WIRE RED TEFLON					8	8
FB-042			1	WINDSHIELD					9	9
13-092-080102			A/R	CEMENT					10	10
13-092-120103			A/R	CEMENT					11	11
13-591			1	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	A	c.o.	C10107360
	B	c.o.	C10107747
RENAME IN PRO/E FROM FB-30426-000 TO FB-EI-30426-000 TT 8-11-08			
REVISION	C	c.o.	C40100594
	D	c.o.	C40101206
FB-234 WAS FB-038 00 3-4-13			

FB-EI-30426-000
Sheet 4.1

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TEL: 800-PART-00-PM REF: 0