



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

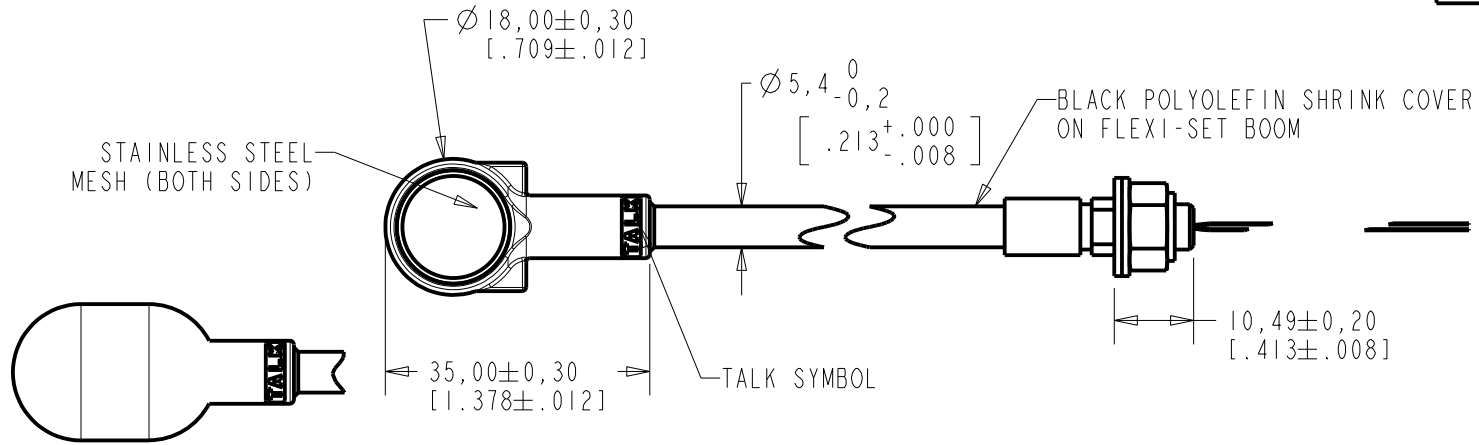
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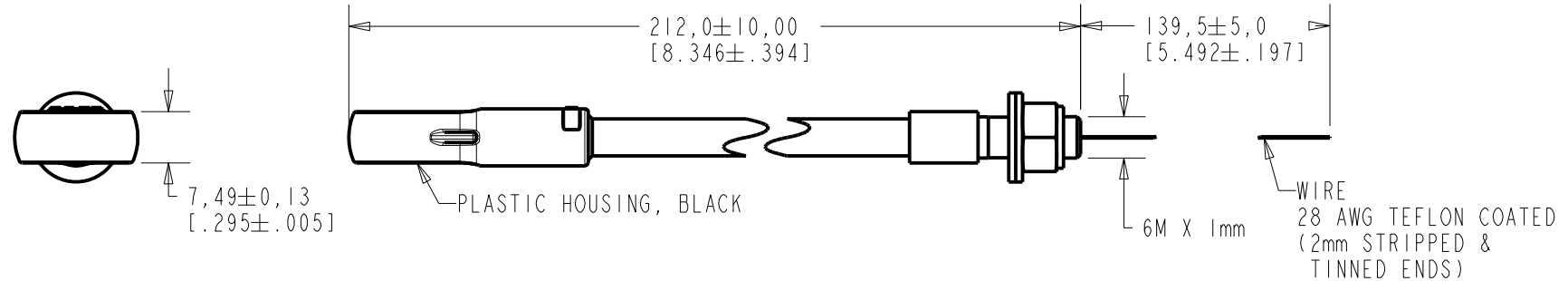


FB-EI-30426-000
SHT 1.1



TOP VIEW
W/ WINDSHIELD SHOWN
SCALE 1:1

RED CONTROLLED

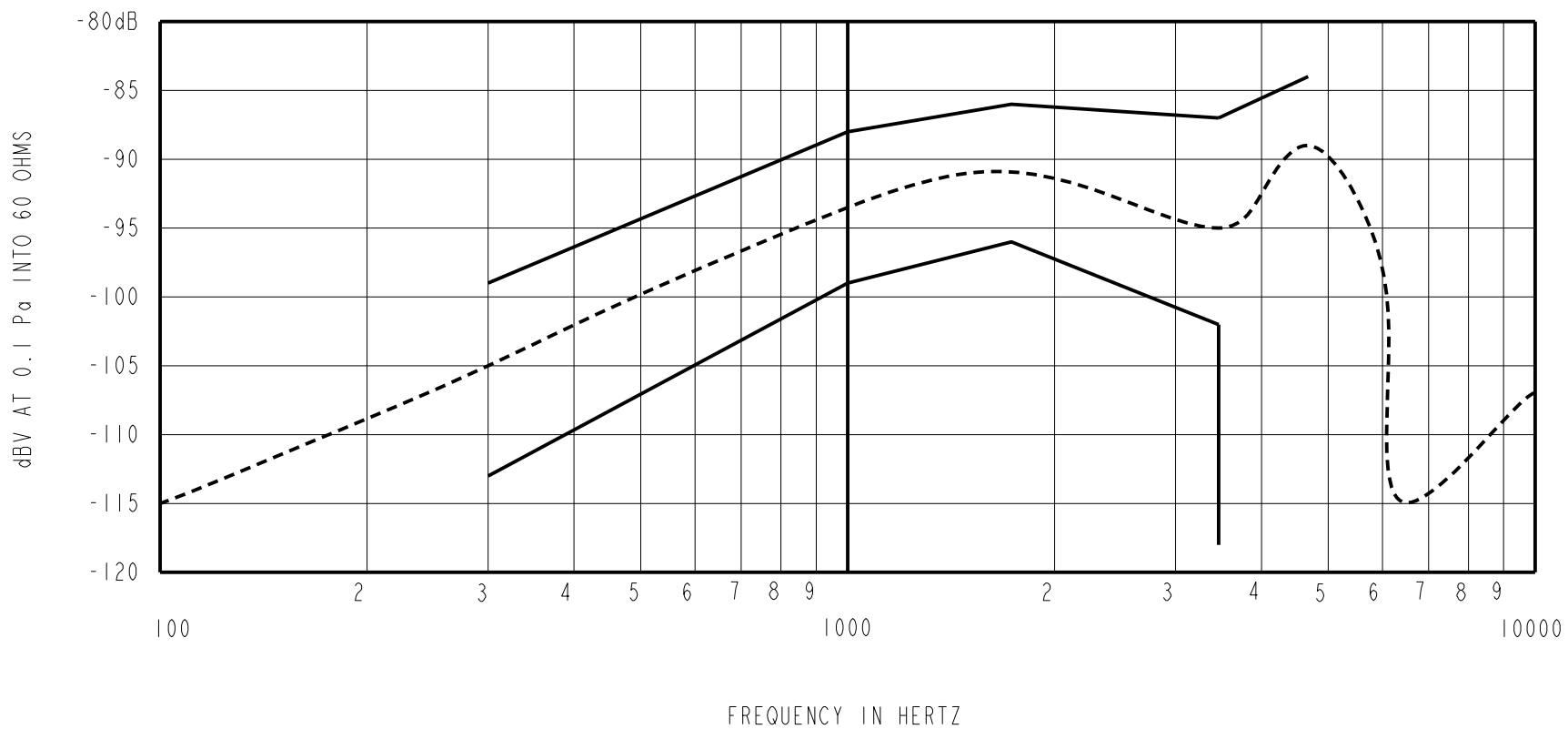


WIRE COLOR		WEIGHT GRAMS
+ve	OUTPUT	
RED	-	BLACK
		t.b.d.

DIMENSIONS IN MILLIMETERS [INCHES]

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	DATE
DO NOT SCALE DRAWING			TT	4-14-08
TITLE: BOOM MICROPHONE FB-EI-30426-000			CK. BY	DATE
OUTLINE DRAWING			GJP	4-25-08
			APP. BY	DATE
			GJP	4-25-08

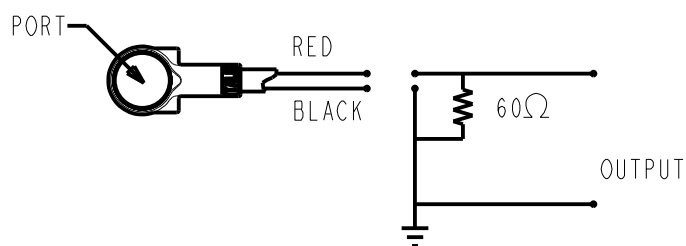
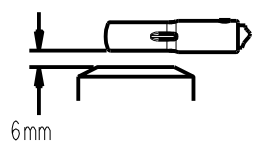


NOTES:

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

FREQUENCY	SENSITIVITY		
	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 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-28486-000 SHEET 2.1.
5. PASS WATER PROOF TEST 1m.5 MINUTES.

RED CONTROLLED



LEAD IDENTIFICATION & TEST CIRCUIT

TT 12-10-07

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
			Active	D
D	C40101206	3-5-13		

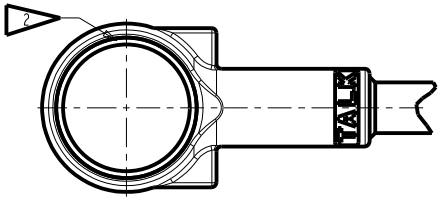
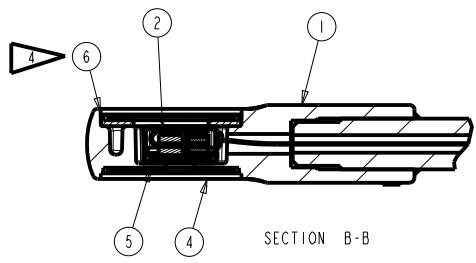
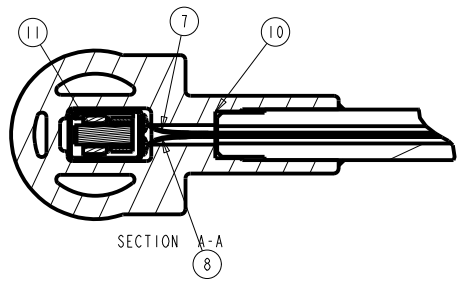
WHEN TEST LIMITS ARE USED TO ESTABLISH INCOMING INSPECTION ACCEPTANCE/REJECTION CRITERIA, CORRELATION OF TEST EQUIPMENT WITH KNOWLES IS ALSO REQUIRED FOR ELIMINATION OF EQUIPMENT AND TEST METHOD VARIATION		DR. BY	DATE
		TT	4-14-08
		CK. BY	DATE
		GJP	4-25-08
		APP. BY	DATE
		GJP	4-25-08

KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.

TITLE: **BOOM MICROPHONE FB-EI-30426-000**
PERFORMANCE SPECIFICATION **SHT 2.1**

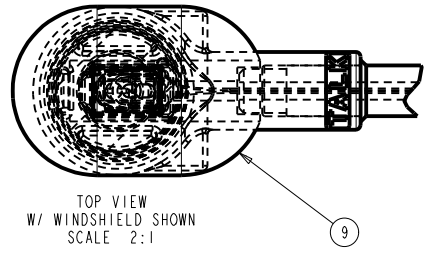
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FB-EI-30426-000



RED CONTROLLED

- NOTES:
- ITEM NUMBERS (SHOWN THUS **b**) ON DRAWING CORRESPOND WITH ITEM NUMBERS ON BILL OF MATERIAL.
 - ATTACH ITEM **4** TO ITEM **1** IN 4 PLACES MINIMUM ON EACH SIDE USING CEMENT (ITEM **10**).
 - SEAL BOOM END WITH ITEM **12**. BUILD UP TO BE 2mm MAX.
 - WATERPROOF SEAL BETWEEN ITEMS **1** & **6** WITH CEMENT.
 - ITEM **10** (FB-044) MUST USE VERSION F OR ABOVE.



DIMENSIONS IN MILLIMETERS [INCHES]

RELEASE LEVEL		REVISION	
Active		D	
SCALE: 2:1		DO NOT SCALE DRAWING	
DR. BY	DATE	TT	4-14-08
CH. BY	DATE	GJP	4-25-08
APP. BY	DATE	GJP	4-25-08
TITLE		FB-EI-30426-000	
BOOM MICROPHONE ASSEMBLY		SHEET 3.1	

MATERIAL		SEE BILL OF MATERIALS	FINISH
REF. 10-1747	A I.c.o. C10107360		UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES
	B I.c.o. C10107747		
	RENAME IN PROVE FROM FB-30426-000 TO FB-EI-30426-000 11.8.11-08		
	C I.c.o. C40100594		
	REVISE CEMENT PN 2-28-11		
	D I.c.o. C40101206		
	UPDATE THE REVISION 00.3-4-13		

KNOWLES ELECTRONICS ITASCA, ILLINOIS U.S.A.	
THIRD ANGLE PROJECTION	
TITLE	
BOOM MICROPHONE ASSEMBLY	

FB-EI-30426-000			KNOWLES ELECTRONICS		FB-EI-30426-000	
Sheet 4.1			ITASCA, ILLINOIS U.S.A.		Sheet 4.1	
Dr.	By	Date	Subject:	BOOM MICROPHONE ASSEMBLY	D	Release Level Active
Ch.	TT	4-14-08				
App.	GJP	4-25-08				
	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 PROFE FROM FB-30426-000 TO FB-EI-30426-000 TT 8-11-08	
C	c.o. C40100594	
	REVISE CEMENT PN CW 2-28-11	
D	c.o. C40101206	
	FB-234 WAS FB-038 00 3-4-13	

FB-EI-30426-000
Sheet **4.1**

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