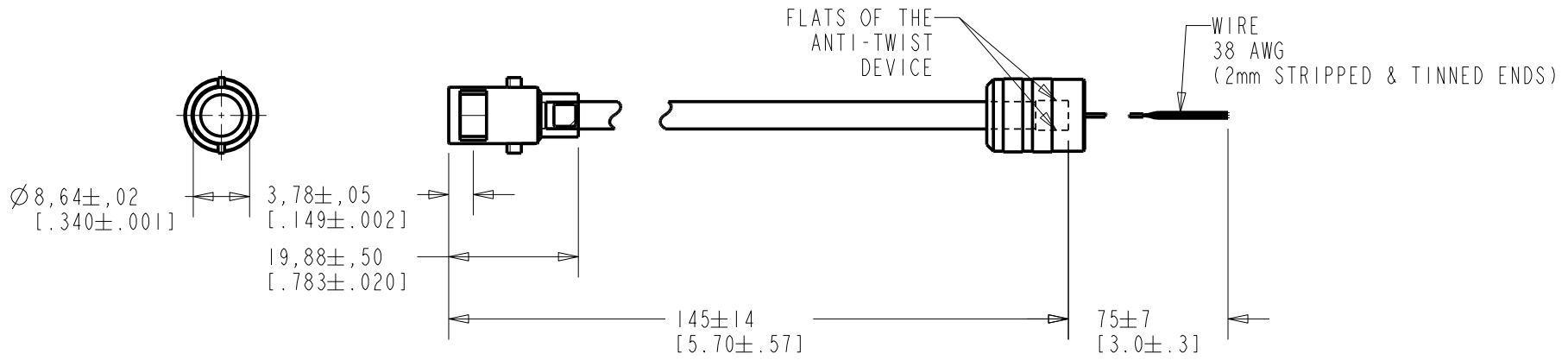
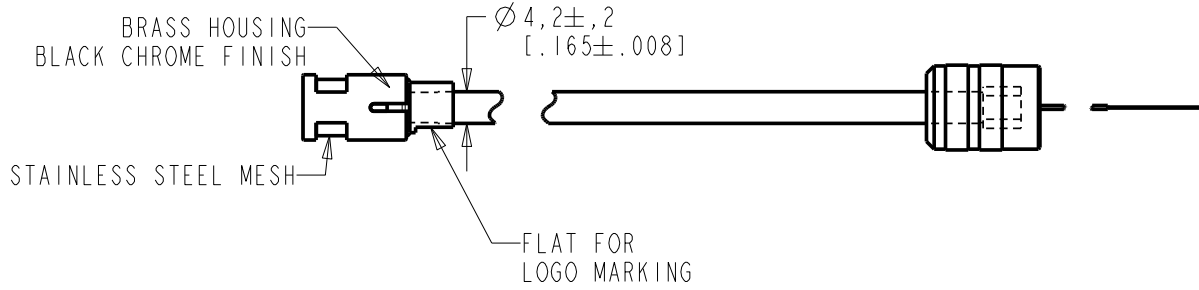


FB-DO-23847-E46

SHT 1.1



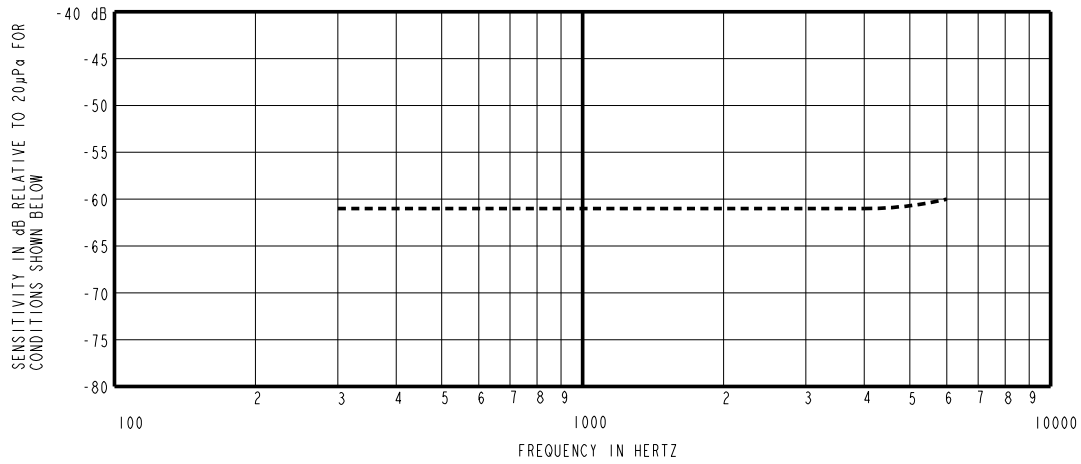
WIRE COLOR		SCREEN	WEIGHT GRAMS
+ve	-ve		
RED	BLACK	SHIELD	11.7

DIMENSIONS IN MILLIMETERS [INCHES]

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
E	C10109457	6-9-09	Active	E
D	C10106593	10-19-07		

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SCALE: 1:1	DR. BY DATE
DO NOT SCALE DRAWING	DMS 1-23-09
TITLE: BOOM MICROPHONE ASSEMBLY FB-DO-23847-E46	CK. BY DATE
OUTLINE DRAWING	GJP 1-25-09
SHT 1.1	APP. BY DATE
	GJP 1-25-09

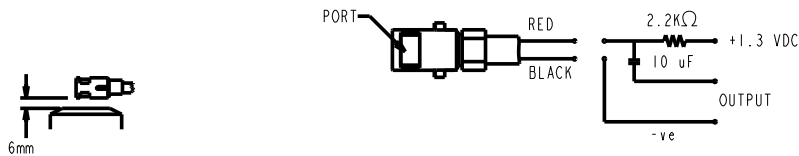


NOTES:

- MICROPHONE TO BE FUNCTIONAL WITH 10 VDC SUPPLY.
- SENSITIVITY VALUES INDICATED ON THIS SPECIFICATION ARE VALID AT 50% HUMIDITY.
- SENSITIVITY

FREQUENCY	MIN	NOM	MAX
300	-65.0	-61.0	-53.0
1000	-64.0	-61.0	-54.0
4000	-65.0	-61.0	-50.0
- 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.
- FOR MICROPHONE CAPSULE SPEC. SEE WP-23501-000 SHEET 2.1

CAPACITANCE ±50%
POSITIVE TO NEGATIVE
100pF



LEAD IDENTIFICATION & TEST CIRCUIT

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
E	C10109457	6-9-09	Active	E
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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 ASSEMBLY FB-DO-23847-E46**
PERFORMANCE SPECIFICATION **SHT 2.1**

DR. BY	DATE
DMS	1-23-09
CK. BY	DATE
GJP	1-25-09
APP. BY	DATE
GJP	1-25-09