



MAX.

- - -

-51.0

NOTES:

I. CASE CONNECTED TO NEGATIVE TERMINAL.

FREQUENCY

100

1000

10000

- 2. MICROPHONE TO BE FUNCTIONAL WITH 3.0 VDC SUPPLY.
- 3. TYPICAL SENSITIVITY TO HUMIDITY AT 1000Hz IS 0.06 dB/%RH.

MIN.

- - -

-57.0

4. SENSITIVITY AND NOISE VALUES INDICATED ON THIS SPECIFICATION ARE VALID AT 50% HUMIDITY.

NOM.

-54.0

-54.0

-53.5

| PORT LOCATION SU | DC SUPPLY | AMPLIFIER CURRENT DRAIN | | "A" WEIGHTED NOISE | OUTPUT IMPEDANCE OHMS | | |
|---------------------|--------------|----------------------------|-----------|--------------------|-----------------------|------|------|
| | | | | (IKHz EQUIV. SPL) | | NOM. | MAX. |
| 128 | 1.3V | 50 μΑ MAX. | 3 dB MAX. | 30.0 dB MAX. | 2800 | 4400 | 6800 |

| Revision | C.O. # | Implementation Date | RELEASE LEVEL | REVISION |
|----------|-----------|---------------------|---------------|-----------|
| F | C40101313 | 10-08-13 | | |
| E | C40101137 | 10-30-12 | Active | - |
| D | C40101079 | 8-15-12 | | |

DATE
11-21-05

RANGE OF DEVIATION FROM IKHZ

+3.0

0.0

+4.0

-3.0

0.0

-3.0

KNOWLES ELECTRONICS ITASCA, ILLINOIS U.S.A.

WHEN TEST LIMITS ARE USED TO ESTABLISH INCOMING INSPECTION ACCEPTANCE/REJECTION PR. BY CRITERIA, CORRELATION OF TEST EQUIPMENT WITH KNOWLES IS ALSO REQUIRED FOR ELIMINATION OF EQUIPMENT AND TEST METHOD VARIATION

CK. BY

| | | | CK. BY | DATE |
|-------|---------------------------|--------------|---------|----------|
| ITLE: | MICROPHONE/CABLE | FC-23329-P07 | GJP | 11-22-05 |
| | MICHOL HOME / CADEL | 10 20020 101 | APP. BY | DATE |
| | PERFORMANCE SPECIFICATION | SHT 2.1 | G.IP | 11-22-05 |

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| FG-23329-P07 Sheet 4. I | KNOWLES ELECTRONICS ITASCA, ILLINOIS U.S.A. | FG-23329-P07 Sheet 4.1 | |
|---|---|-----------------------------------|--|
| By Date Dr. MMM 11-21-05 Ch. GJP 11-22-05 App. GJP 11-22-05 | MICROPHONE/CABLE ASSEMBLY | Release Level Active | |
| COL. I | 2 3 | 4 0 0 | |
| Part or Dwg. no. | Tot. Req. Nomenclature: | Applicable Specs Specs Or Remarks | |
| 103-162 | I CABLE | 1 1 | |
| FG-23329-D65 | MICROPHONE ASSEMBLY | 2 2 | |
| 285-007-001 | A/R SOLDER LEAD FREE | 3 3 | |
|) | A/R CEMENT | 4 4 | |
| 097-028 | HEAT SHRINK TUBING | 5 5 | |

| REVISION | A | C.o. | MI0100901 | B | C.o. | MI0100572 | ADDED SHEET 5.1 | MMM 10-12-07 | C | C.o. | MI0103048 | G-23329-C05 | MS | FG-23329-C05 | SDZ 8-7-09 | C | C.o. | C40101079 | SHEET 2.1 UPDATED LSY 10-30-12 | F | C.o. | C40101313 | SHEET 2.1 UPDATED LSY 10-30-12 | F | C.o. | C40101313 | SHEET 2.1 UPDATED LSY 10-30-12 | F | C.o. | C40101313 | SHEET 2.1 UPDATED LSY 10-30-12 | F | C.o. | C40101313 | SHEET 2.1 UPDATED LSY 10-30-12 | F | C.o. | C40101313 | SHEET 2.1 UPDATED | LSY 10-8-13

FC-23329-P07 Sheet 4.1

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| FC-23329-P07 | |
|--------------|--|
| СИГГТ 5 І | |

PRODUCTION TEST INFORMATION

| SOFTWARE REVISION GPIB FCAMT | SOFTWARE 4.81 MIN. |
|------------------------------|--------------------|
| HARDWARE REVISION GPIB FCAMT | KE 1069B 6G MIN. |

| Revision | C.O. # | Implementation Date | RELEASE LEVEL | REVISION |
|----------|-----------|---------------------|---------------|----------|
| F | C40101313 | 10-08-13 | | |
| E | C40101137 | 10-30-12 | Active | i |
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SHT 5.I

DATE | | 1 - 2 | - 0 5

DATE | | - 22 - 05

11-22-05

KNOWLES ELECTRONICS ITASCA, ILLINOIS U.S.A.

| | υ | C40101079 | 0-13-12 | | | | |
|--|----------|--------------------------------|-----------------|---------|------------|---------|--|
| | | ACCEPTANCE/REJECTION | DR. BY | | | | |
| | | CORRELATION C N OF EQUIPMEN | SO REQUIRED FOR | MMM | | | |
| | | | | | | | |
| | TITLE: N | II C R O P | HONE/CAB | I F FG- | -23329-P07 | GJP | |
| | " | | HONE / CAD | | 20020 1 01 | APP. BY | |

PERFORMANCE SPECIFICATION