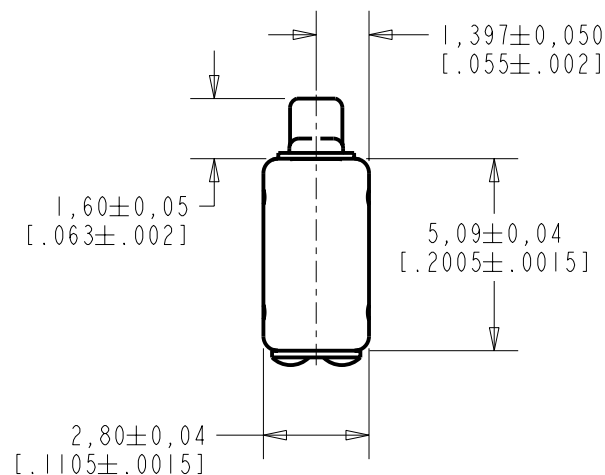


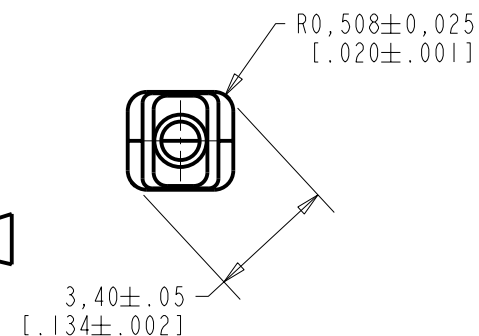
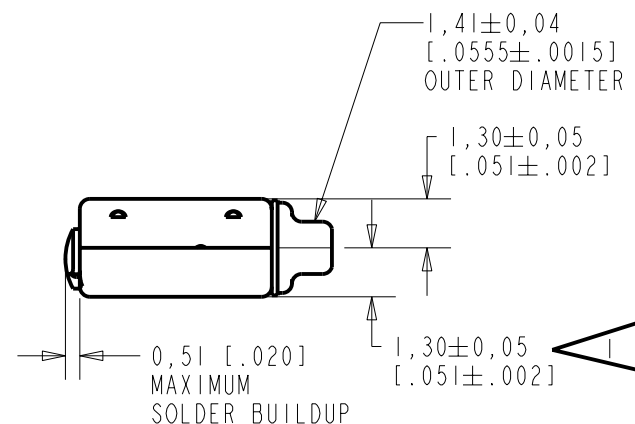
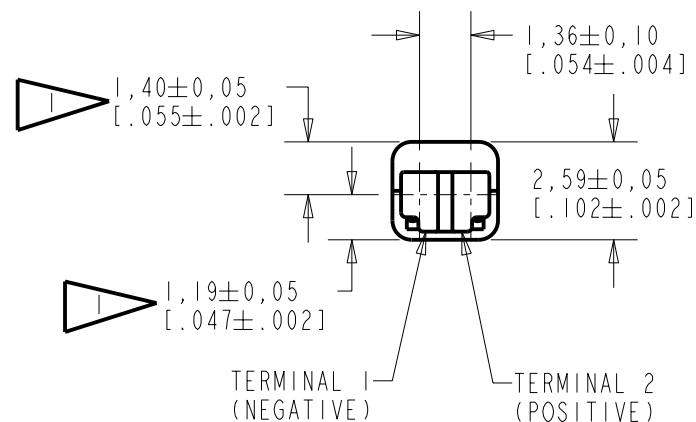
FH-23821-000

SHT 1.1



NOTES:

LOCATED FROM TWO SURFACES FOR CUSTOMER CONVENIENCE. ONLY APPLICABLE FROM ONE SURFACE, NOT TO BE USED TOGETHER. HORIZONTAL LOCATION FOR TERMINAL CENTERED TO ±0,17 [.007].

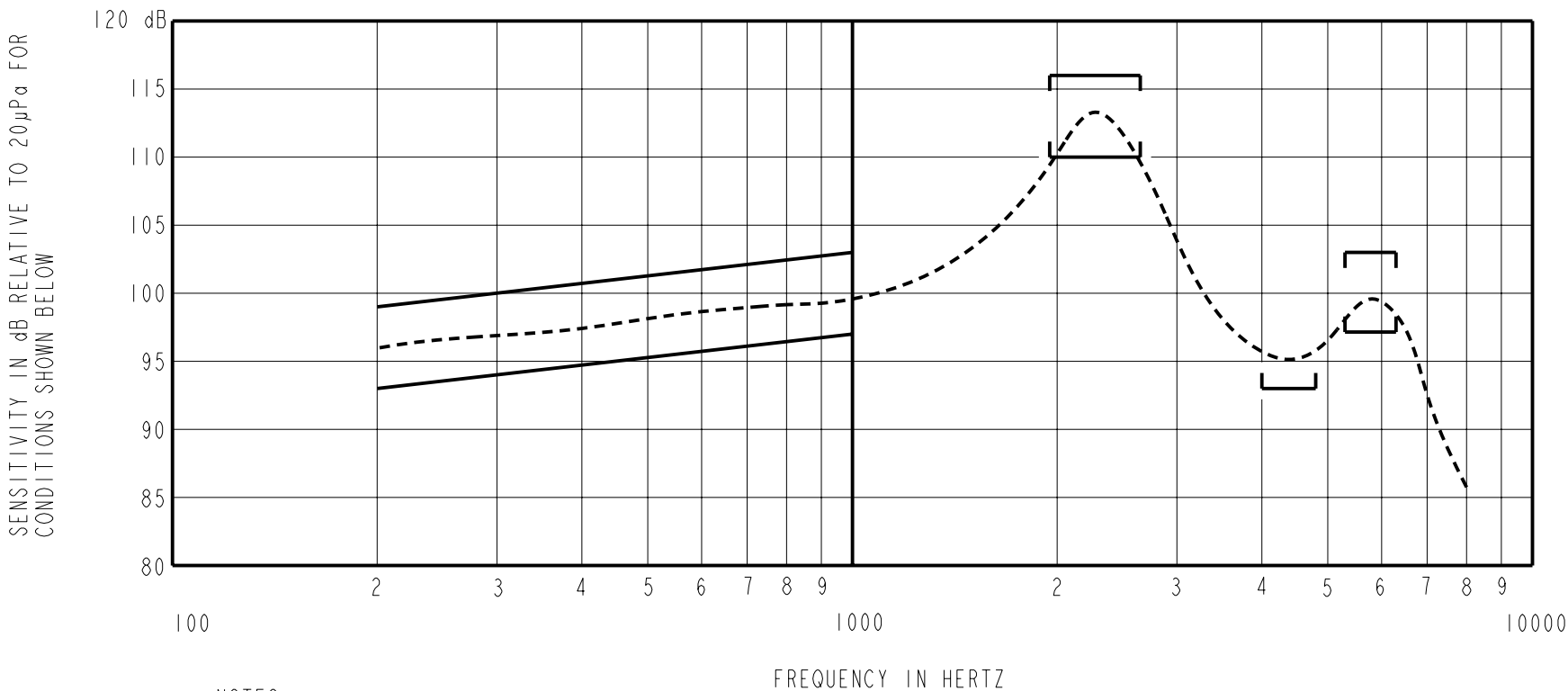


NOMINAL WEIGHT  
.18 GRAMS

DIMENSIONS IN MILLIMETERS [INCHES]

**KNOWLES ELECTRONICS**  
ITASCA, ILLINOIS U.S.A.

| Revision                           | C.O. #    | Implementation Date | RELEASE LEVEL | REVISION |
|------------------------------------|-----------|---------------------|---------------|----------|
|                                    |           |                     | Released      | A        |
|                                    |           |                     |               |          |
| A                                  | C10103105 | 9-15-05             |               |          |
| SCALE: 5:1                         |           |                     | DR. BY DATE   |          |
| DO NOT SCALE DRAWING               |           |                     | MMM           | 9-15-05  |
| TITLE: RECEIVER<br>OUTLINE DRAWING |           |                     | CK. BY DATE   |          |
|                                    |           |                     | GJP           | 9-20-05  |
|                                    |           |                     | APP. BY DATE  |          |
| FH-23821-000<br>SHT 1.1            |           |                     | GJP           | 9-20-05  |



NOTES:

1. MEASUREMENTS MADE USING 10mm (.394") OF 1mm (.039") ID TUBE CONNECTED TO A SIMULATED ANSI S3.3-1960 TYPE HA-3 COUPLER. (T3420 AND B&K 080138)
2. SENSITIVITY
- | FREQUENCY | MIN.  | MAX.  |
|-----------|-------|-------|
| 200       | 93.0  | 99.0  |
| 500       | 95.0  | 101.0 |
| 1000      | 97.0  | 103.0 |
| 1950-2650 | 110.0 | 116.0 |
| 4000-4800 | 93.0  | ---   |
| 5300-6300 | 97.0  | 103.0 |
3. RESPONSE, IMPEDANCE, AND DISTORTION MEASUREMENTS MADE USING THE ELECTRICAL TEST CONDITIONS SHOWN BELOW.
4. ELECTRICAL SOURCE INPEDANCE MUST BE GREATER THAN 20 TIMES 1kHz IMPEDANCE FOR TEST CONDITIONS SHOWN BELOW.
5. INDIVIDUAL SPECIFICATIONS.

| PORT LOCATION | IMPEDANCE OHMS ±15% |       | DCR @20°C OHMS ±10% | DISTORTION |         | ELECTRICAL TEST CONDITIONS |       |
|---------------|---------------------|-------|---------------------|------------|---------|----------------------------|-------|
|               | 1KHz                | 500Hz |                     | MAX. %     | FREQ Hz | AC mA RMS                  | DC mA |
| 12S           | 260                 | 174   | 125                 | 5          | 750     | 1.14                       | 0.00  |

KNOWLES ELECTRONICS  
ITASCA, ILLINOIS U.S.A.

| Revision                                                                                                                                                                                                     | C.O. #    | Implementation Date | RELEASE LEVEL |         | REVISION |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|---------------------|---------------|---------|----------|
|                                                                                                                                                                                                              |           |                     | Released      |         | A        |
|                                                                                                                                                                                                              |           |                     |               |         |          |
| A                                                                                                                                                                                                            | C10103105 | 9-15-05             |               |         |          |
| 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    |          |
|                                                                                                                                                                                                              |           |                     | MMM           | 9-15-05 |          |
| TITLE: RECEIVER                                                                                                                                                                                              |           |                     | CK. BY        | DATE    |          |
|                                                                                                                                                                                                              |           |                     | GJP           | 9-20-05 |          |
| PERFORMANCE SPECIFICATION                                                                                                                                                                                    |           |                     | APP. BY       | DATE    |          |
|                                                                                                                                                                                                              |           |                     | GJP           | 9-20-05 |          |
|                                                                                                                                                                                                              |           |                     | FH-23821-000  |         |          |
|                                                                                                                                                                                                              |           |                     | SHT 2.1       |         |          |

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