Excellent Integrated System Limited

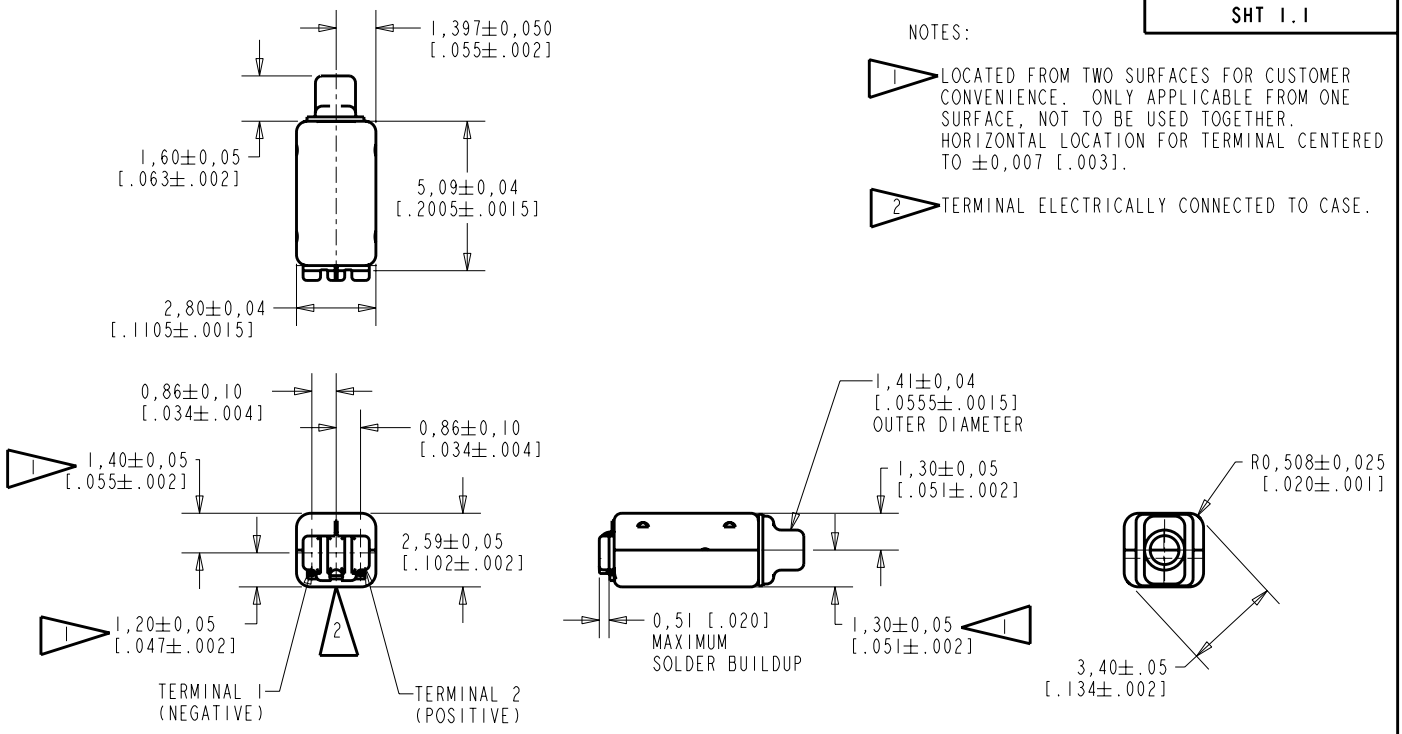
Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

Knowles
FH-26745-000

For any questions, you can email us directly:
sales@integrated-circuit.com

FH-26745-000
SHT 1.1



NOTES:

1. LOCATED FROM TWO SURFACES FOR CUSTOMER CONVENIENCE. ONLY APPLICABLE FROM ONE SURFACE, NOT TO BE USED TOGETHER. HORIZONTAL LOCATION FOR TERMINAL CENTERED TO ±0,007 [.003].
2. TERMINAL ELECTRICALLY CONNECTED TO CASE.

NOMINAL WEIGHT
.18 GRAMS

DIMENSIONS IN MILLIMETERS [INCHES]

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
F	C10106252	7-31-07	Released	F
E	C10105698	4-11-07		
D	C10104920P	10-13-06		

KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.

SCALE: 5:1

DO NOT SCALE DRAWING

TITLE: RECEIVER
OUTLINE DRAWING

FH-26745-000
SHT 1.1

DR. BY	DATE
MMM	9-15-05
CK. BY	DATE
GJP	9-20-05
APP. BY	DATE
GJP	9-20-05

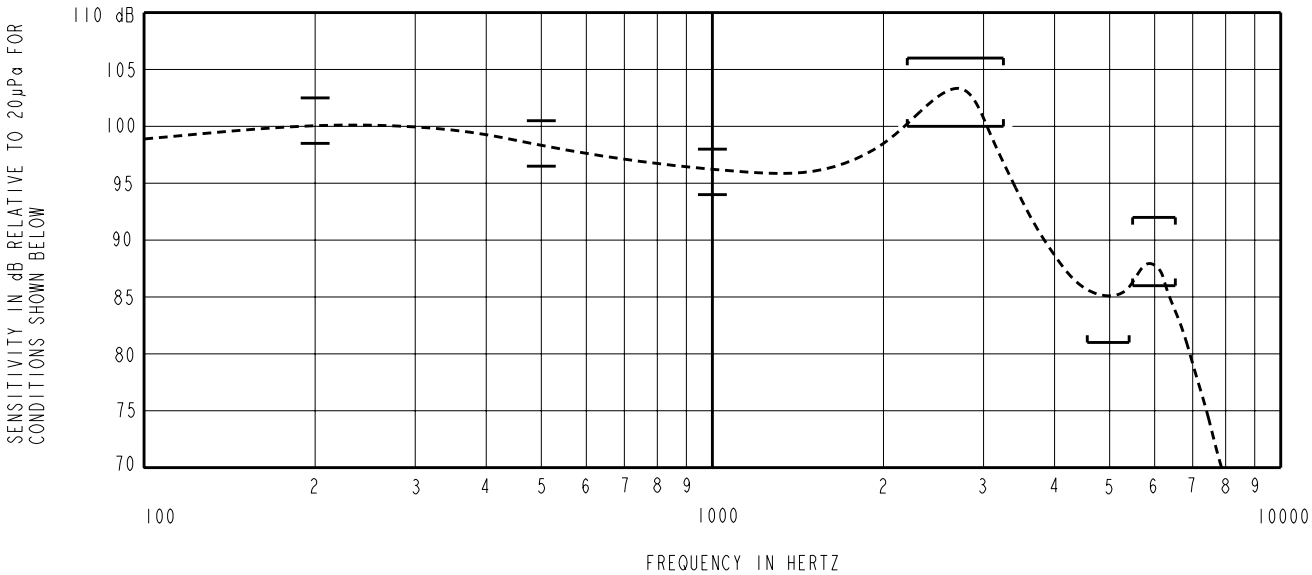
KE11ASIZE.FRM Rev: B

THE FH-26745-000 IS AN UNDAMPED MAGNETIC BALANCED ARMATURE RECEIVER WITH CASE GROUND CONNECTION INTENDED FOR USE IN HEARING INSTUMENTS.

CONSTANT VOLTAGE DRIVE CONDITIONS

NO DAMPING

FH-26745-000
SHEET 2.1



ACOUSTICAL

SENSITIVITY
DEVICE WILL PRODUCE THE SPL LISTED BELOW UNDER TEST CONDITIONS DESCRIBED IN TABLE 3.
NOMINAL SENSITIVITY AT 1kHz IS dB RELATIVE TO 20µPa. ALL OTHER VALUES IN dB RELATIVE TO THE SENSITIVITY AT 1kHz.

FREQUENCY (Hz)	MINIMUM	NOMINAL	MAXIMUM
200	+2.5	+4.5	+6.5
500	+0.5	+2.5	+4.5
1000	-2.0	96.0	+2.0
2300 - 3300	+4.0	+7.0	+10.0
4600 - 5400	-15.0	---	---
5500 - 6500	-10.0	-7.0	-4.0

TABLE 1

PORT LOCATION: 12S

TOTAL HARMONIC DISTORTION
DEVICE WILL NOT EXCEED TOTAL HARMONIC DISTORTION LEVELS LISTED BELOW.

FREQUENCY (Hz)	AC DRIVE (V rms)	DC BIAS (V)	LIMIT (%)
500	0.35	0	10
870	0.125	0	5
1300	0.125	0	5

TABLE 2

TEST CONDITIONS

NOMINAL SOURCE VOLTAGE	0.125 V rms, 0 mA DC BIAS
SOURCE IMPEDANCE	<1 Ohm
TUBING	10mm [.394"] LONG, 1mm [.039"] I.D.
COUPLER CAVITY	2 CM^3, SIMULATED ANSI S3.7 TYPE HA-3 (IEC 126)

TABLE 3

ELECTRICAL

DC RESISTANCE	60 Ohms ± 10%
IMPEDANCE @ 500 Hz	90 Ohms ± 15%
IMPEDANCE @ 1kHz	130 Ohms ±15%

TABLE 4

ISOLATION: CASE WILL BE ELECTRICALLY ISOLATED FROM THE COIL CIRCUIT.