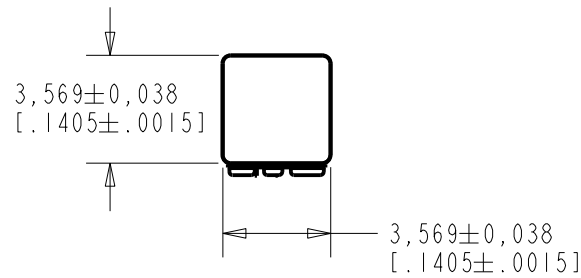
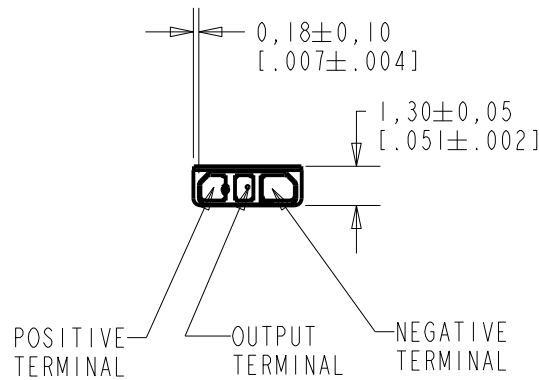


T0-24603-000
SHT 1.1

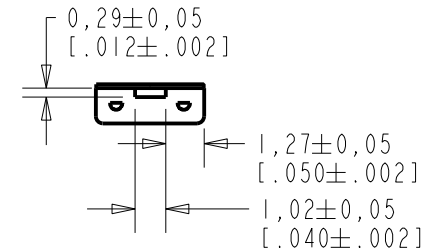


NOTES:

1. INCREASED PRESSURE AT THE SOUND INLET CAUSES A POSITIVE GOING VOLTAGE TO APPEAR AT THE OUTPUT TERMINAL, RELATIVE TO THE NEGATIVE TERMINAL.



0,41
[.016]
MAXIMUM
SOLDER BUILDUP



NOMINAL WEIGHT
.063 GRAMS

DIMENSIONS IN MILLIMETERS [INCHES]

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
F	MI0105050	5-21-13	Active	F
E	MI0104288	8-18-11		
D	MI0103810	8-23-10		

SCALE: 4:1

DO NOT SCALE DRAWING

TITLE: MICROPHONE

T0-24603-000

OUTLINE DRAWING

SHT 1.1

DR. BY	DATE
MMM	2-9-06
CK. BY	DATE
GJP	2-10-06
APP. BY	DATE
GJP	2-10-06

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NOTES: 1. CASE CONNECTED TO NEGATIVE TERMINAL.

2. MICROPHONE TO BE FUNCTIONAL WITH 1.6 VDC SUPPLY.

3. TYPICAL SENSITIVITY TO HUMIDITY AT 1000Hz IS 0.03 dB/%RH

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

PORT LOCATION	DC SUPPLY	AMPLIFIER CURRENT DRAIN	SENSITIVITY CHANGE ON REDUCING SUPPLY TO 0.9VDC	"A" WEIGHTED NOISE (1 kHz EQUIV. SPL)	OUTPUT IMPEDANCE OHMS		
					MIN.	NOM.	MAX.
12C	1.3V	50 μ A MAX.	3 dB MAX.	29.0 dB MAX.	2800	4400	6800

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
F	MI0105050	5-21-13	Active	F
E	MI0104288	8-18-11		
D	MI0103810	8-23-10		

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 2-9-06

CK. BY DATE
GJP 2-10-06

APP. BY DATE
GJP 2-10-06

TITLE: **MICROPHONE**
PERFORMANCE SPECIFICATION

T0-24603-000
SHT 2.1

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