

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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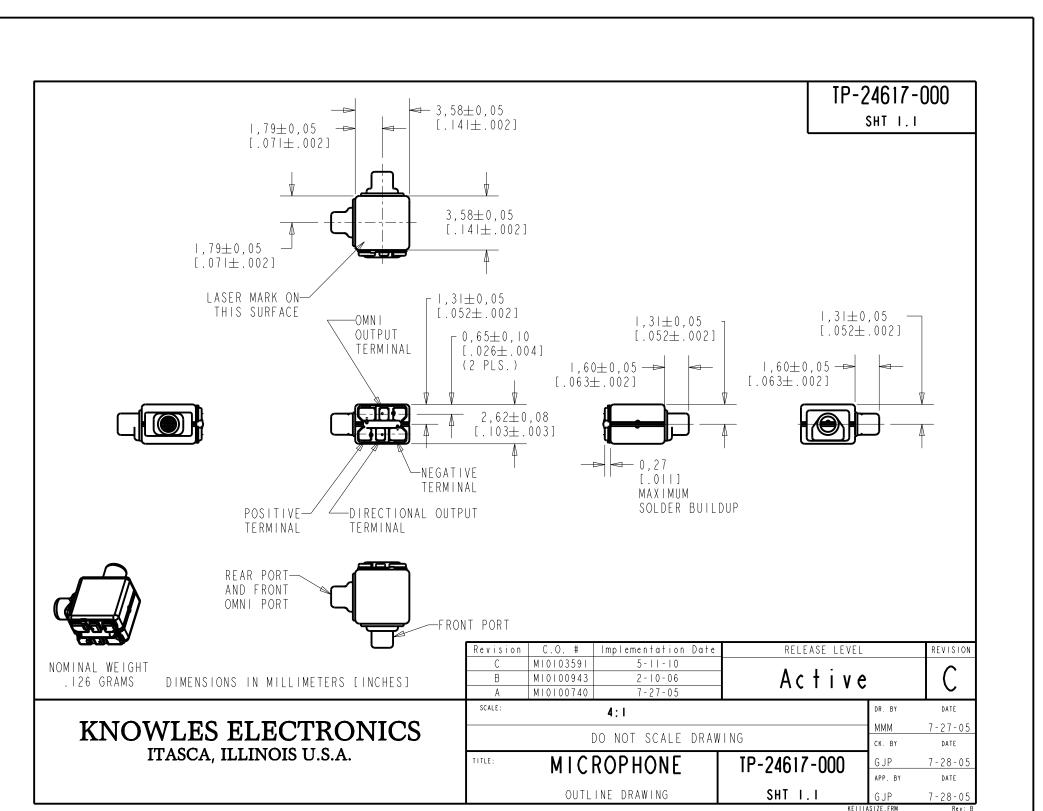
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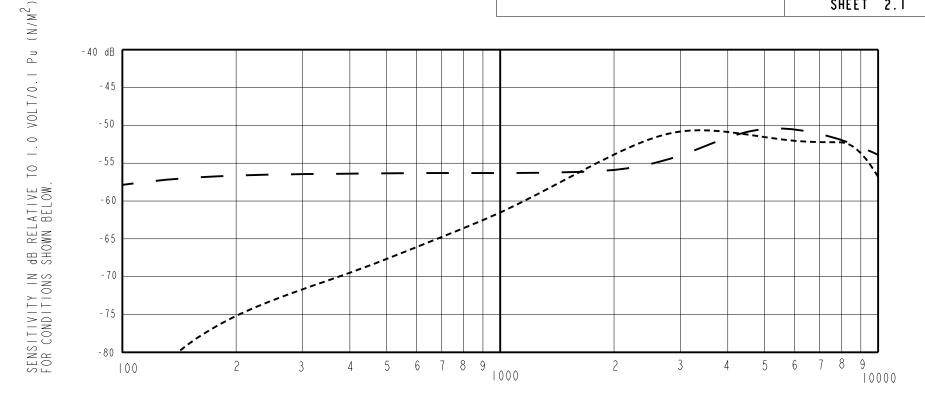








TP-24617-000 SHEET 2.1

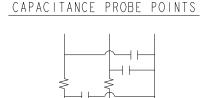


					RANGE OF DEVIAT	<u>ION FROM I KHz</u>
OMNI DIRECTIONAL	100 1000 ~8500	 - 6 0 . 0 	- 58.0 - 57.0 - 50.0	 - 5 4 . 0 	- 5 . 0 0 . 0 + 4 . 0	0.0 0.0 +10.0
SENSITIVITY A	T I KHZ DIRECTI	ONAL re OMNIDIF	RECTIONAL		-0.5 dB	-4.5 dB
DIRECTIONAL 0°ON AXIS	100 1000 ~4000	 - 63.0 	-70.5 -60.0 -51.0	 - 57.0 	-7.5 0.0 +6.0	-13.5 0.0 +12.0
INT	ERNAL DELAY	8.3uS	10.3uS	12.3uS		

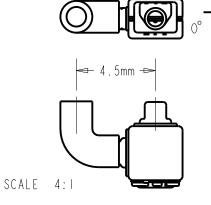
NOTES: I. CASE CONNECTED TO NEGATIVE TERMINAL.

- 2. MICROPHONE TO BE FUNCTIONAL WITH 1.6 VDC SUPPLY.
- 3. TYPICAL SENSITIVITY TO HUMIDITY AT 1000Hz IS 0.03 dB/%RH (OMNI), 0.07 dB/%RH (DIRECTIONAL).
- 4. SENSITIVITY AND NOISE VALUES INDICATED ON THIS SPECIFICATION ARE VALID AT 50% HUMIDITY.
- 5. CAPACITANCE MEASUREMENT MADE WITH BOONTON MODEL 7200 OR EQUIVALENT WITH APPLIED AC VOLTAGE OF 15 mVOLTS AT 1 MHz AND 0 VDC. INCLUDES CIRCUIT CAPACITANCE IN PARALLEL WITH CAPACITOR.
- 6. MICROPHONE TESTED WITH RIGHT ANGLE TUBE IMM INTERNAL DIAMETER GIVING A PORT SPACING OF 4.5 mm (SEE DIAGRAM).

PORT LOCATION	DC SUPPLY	AMPLIFIER CURRENT DRAIN	SENSITIVITY CHANGE ON REDUCING SUPPLY TO 0.9VDC	OMNIDIRECTIONAL "A" WEIGHTED NOISE (I kHz EQUIV. SPL)	DIRECTIONAL .	OUTPUT IMPEDANCE OHMS (EACH HALF)		CAPACITANCE ±50%		
						MIN.	NOM.	MAX.	I-2 HALF	I-3 BOTH
128, 98	1.3V	ابر ۱۵۵ A MAX. FOR PAIR	3 dB MAX.	29.0 MAX.	-96.0 dB MAX. re MAX. re IV	2800	4400	6800	13pF	26pF



2 I (GND)



7 - 27 - 05

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
С	M10103591	5-11-10		
В	MI0100943	2-10-06	l Active I	()
А	MI0100740	7 - 27 - 05		

KNOWLES ELECTRONICS ITASCA, ILLINOIS U.S.A.

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

		CN. BI	DATE
MICROPHONE	TP-24617-000	GJP	7-28-05
MICKOI HONE	11 24017 000	APP. BY	DATE
PERFORMANCE SPECIFICATION	SHT 2.1	GJP	7 - 28 - 05