

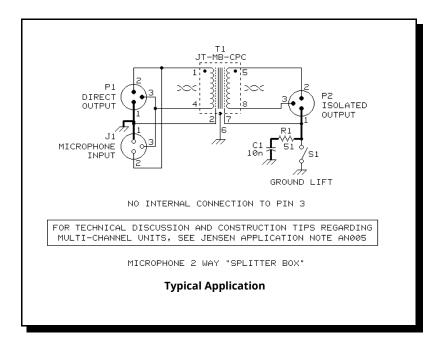


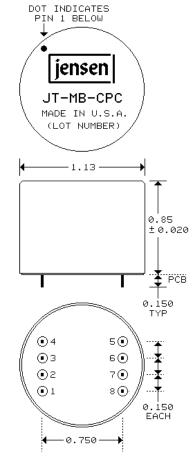
Microphone Bridging Transformer

DUAL FARADAY SHIELDS FOR HIGH ISOLATION

- Provides additional, isolated balanced output as mic 'splitter'
- Solves 'transformerless' preamp problems when used as retrofit
- High common-mode rejection: 130 dB at 60 Hz
- Excellent frequency response and time domain performance
- Low insertion loss: 0.8 dB

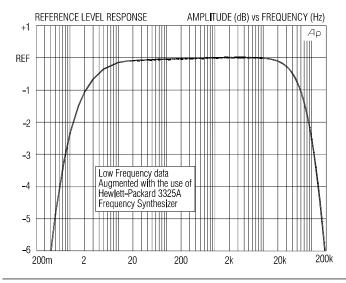
This transformer is designed to be driven from a 150 Ω microphone source and loaded by the typical 1 k Ω input impedance of microphone preamplifiers. It can be used with balanced or unbalanced sources and/or loads since both primary and secondary are fully balanced. A 30 dB magnetic shield package is standard.

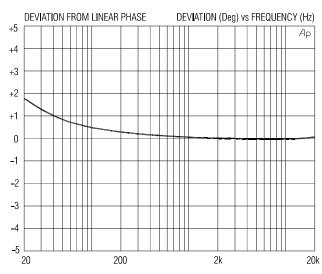




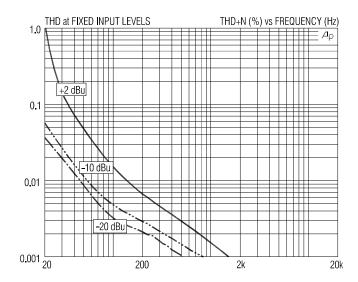
PIN NUMBERS NOT MARKED ON PART TERMINAL PINS 0.018 × 0.030 PC HOLES 0.040 DIA SUGGESTED

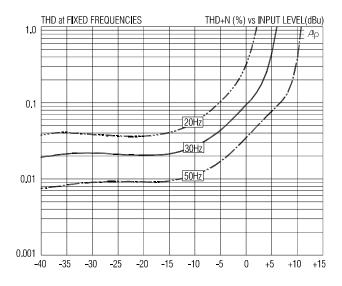
PART SUPPLIED WITH 5 MIL VALOX $^{\circledR}$ INSULATOR TO ALLOW PC TRACES UNDER TRANSFORMER











CONDITIONS	MINIMUM	TYPICAL	MAXIMUM
1 kHz, -20 dBu, test circuit 1	1.00 kΩ	1.08 kΩ	1.15 kΩ
1 kHz, -20 dBu, test circuit 1	-0.90 dB	-0.82 dB	-0.70 dB
20 Hz, -20 dBu, test circuit 1	-0.25 dB	-0.09 dB	±0.0 dB
20 kHz, -20 dBu, test circuit 1	-0.25 dB	-0.10 dB	+0.1 dB
20 Hz to 20 kHz, -20 dBu, test circuit 1		+1.7/-0°	±3.0°
	-20 dBu, test o	-20 dBu, test dircuit 1	
Distortion (THD)	20 Hz, −2@ dBu, test circuit		0 3.r
	1 kHz, -20 dBu, test circuit 1 1 kHz, -20 dBu, test circuit 1 20 Hz, -20 dBu, test circuit 1 20 kHz, -20 dBu, test circuit 1 20 Hz to 20 kHz, -20 dBu, test circuit 1	1 kHz, -20 dBu, test circuit 1	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$

