

Hammond Mfg. Co. Ltd., Electronics Division

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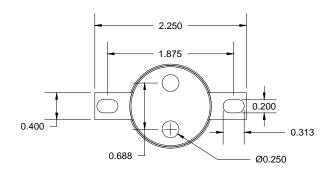
CHASSIS MOUNT – SHIELDED IMPEDANCE MATCHING TRANSFORMER

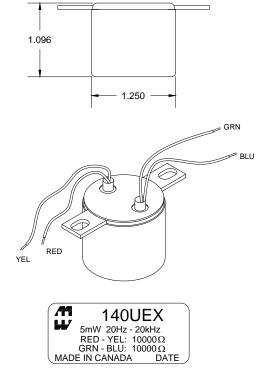
This transformer operates in the 20 Hz to 20 KHz range. The metal can provides excellent shielding from a broad range of external sources. The nickel core provides high permeability combined with low losses.

Typical applications Input/output Isolation, Line Matching, Driver, Hybrid applications.

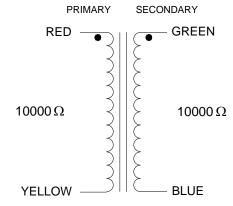
ELECTRICAL SPECIFICATIONS

<u>Typical</u>
10,000 Ω
10,000 Ω
10.0 dbm
$886.0~\Omega$
$903.5~\Omega$
@ 1.0 kHz, 1.0 V OC
36.5H
36.5H
@ 1.0 kHz, 1.0 V OC
882kΩ
882kΩ
±1db from 20 Hz to 20KHz
1:1
< 1.0 db
20.0db
-50.0db
500 Vrms
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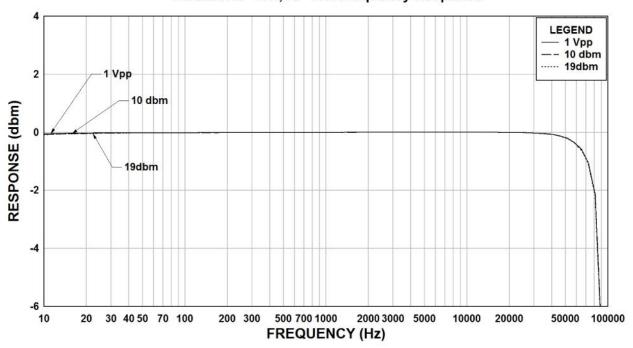




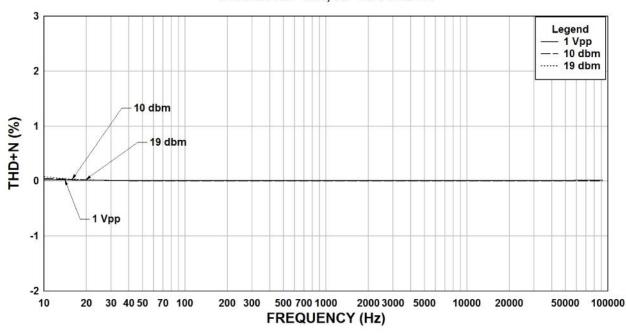
SCHEMATIC DIAGRAM



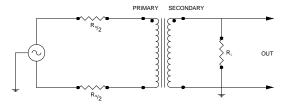
140UEX Rs=10K, RI=10K Frequency Response



140UEX Rs=10K, RI=10K THD+N



TYPICAL TEST CIRCUIT



Measurement instruments Hp4192a impedance analyzer Hp3456a DVM Keithley 2002 DVM D scope series iii audio analyzer

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