



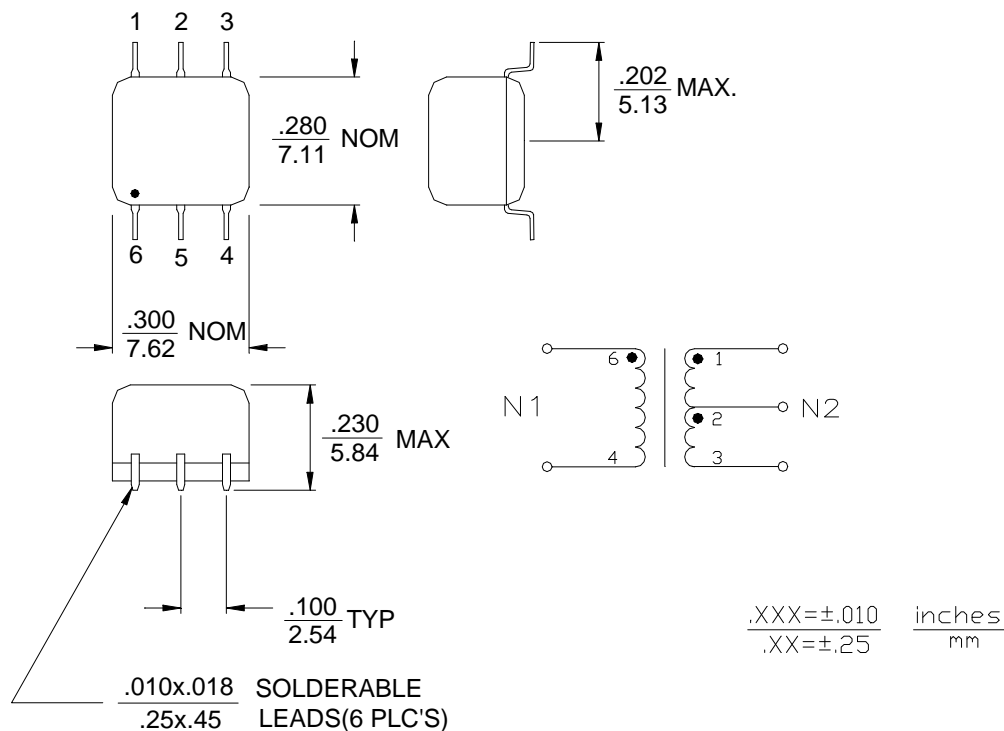
DATA SHEET

UM PART NO.:	SPECIFICATION	REV.	
UT23008	E3/DS-3 Interface Transformer	B1	01/15

ELECTRICAL SPECIFICATIONS AT 25 °C :

- 1). Turns Ratio : 1: 2CT±3% , at 15.75KHz 1V , N1:N2
- 2). Inductance : 35uH min. , 100KHz 20mV 25⁰C , N1
20uH min. , 100KHz 20mV -40⁰C , N1
- 3). Leakage Inductance : 0.12uH max. , 100KHz 20mV , N1. N2 shorted
- 4). Cw/w : 10pF max. , 100KHz 20mV , N1to N2
- 5). Isolation Voltage : 1.5KVrms/0.5mA/1 min. , N1 to N2
1.65KVrms/0.5mA/6 sec. , N1 to N2
- 6). Return Loss : 14dB min. , .86 ~ 1.720 MHz
20dB min. , 1.720 ~ 34.368 MHz
16dB min. , 34.368 ~ 51.550 MHz
- 7). Insertion Loss : 3dB max. , .300 ~ 200 MHz
- 8). Operating Temperature is -40⁰C to +85⁰C

DIMENSIONS & SCHEMATICS:



NOTE: 1.PACKAGING INFORMATION-TAPE AND REEL
ACCORDING TO ITEM NO. "H06S" OF DATA SHEET 01-00
2.Specifications are subject to change without prior notice.

E10-007-B



UMEC Europe
Universal Microelectronics

homepage: www.umec-europe.com

UMEC elektronische Komponenten GmbH
Kreuzenstraße 80 ● D-74076 Heilbronn
Tel. 07131/76170 ● Fax 07131/761720

e-mail: info@umec.de