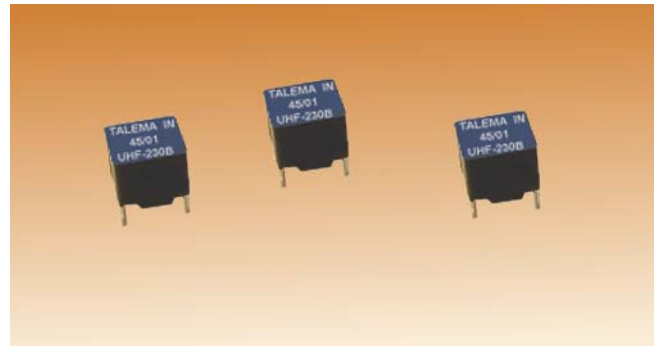


ISDN • U_{PO} THT Single Interface Transformer

Features

- matched to Infineon's PEB2095 IBS and AMD's AM2095 & AM20950 chipsets
- excellent and consistent balance between windings
- complies fully with all international standards for U-Interface
- manufactured in an ISO-9001:2000, TS-16949:2002 and ISO-14001:2004 certified Talema facility
- operating temperature -40° to +85°C
- fully RoHS compliant



Electrical Specifications @ 25°C

Turns Ratio: **Bold** = IC Side Windings

U_{PO} TH Interface Transformers

Complies with Reinforced Insulation Level EN60950 and UL1950

Part Number	Turns Ratio ±2%	L _P (mH Min)	I _{DC} (mA)	L _L (µH)	C _C (pF Max)	DCR (Ohms per winding)		V _P (Vrms)
						Pri	Sec	
UHF-230B	1:1:2,5	1.7	100	20	20	1.2	2.1	4000

Test Conditions

Inductance: Line side windings in series - measurement @ 10kHz, 100mVrms

Leakage Inductance: Line side windings in series, IC side windings short circuited - measurement @ 100kHz, 100mVrms

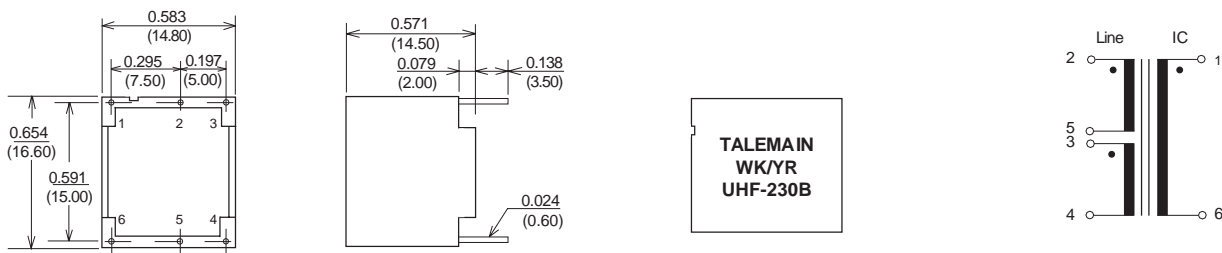
Coupling Capacitance: IC side windings in series to Line side windings in parallel @ 10kHz, 100mVrms

Test Voltage: 4,0kV for 2 sec. - Line side windings in series to IC winding

3,0kV for 1 min. - Line side windings in series to IC winding

Dimensions & Schematic

UHF



Dimensions: Inches (Millimeters)

Tolerance: ±0.010 (0.25) unless specified otherwise

Sales & Marketing, Design and Manufacturing Facilities

<http://www.talema-nuvotem.com>

Eastern Europe & Czech Republic

NT MAGNETICS s.r.o.
322 00 Plzeň
Chebská 27
Tel: Int. + 420 37 - 744 9303
Fax: Int. + 420 37 - 744 3697
Email: talema@talema.cz

Germany

TALEMA ELEKTRONIK GMBH
Sembdnerstr. 5, Postfach 2523
82110 Germering
Tel: Int. + 49 89 - 841 00 - 0
Fax: Int. + 49 89 - 841 00 25
Email: info@talema.de

Ireland

NUVOTEM TEO.
Crolly
Co. Donegal
Tel: Int. + 353 74 - 954 8666
Fax: Int. + 353 74 - 954 8139
Email: info@nuvotem.com

India

TALEMA ELECTRONIC PVT. LTD.
Opposite the SIDCO Industrial Estate
Gins Towers
4/5S.H/1, Omalur Main Road
Salem - 636 004, Tamil Nadu
Tel: Int. + 91 427 - 244 1325
Fax: Int. + 91 427 - 243 0034
E-mail: talema@talemaindia.com