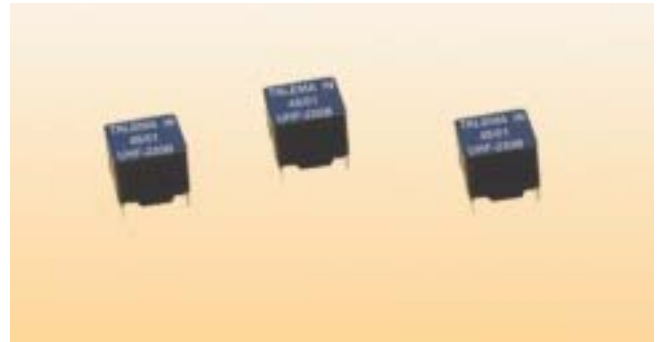




## ISDN • U<sub>PO</sub> TH Single Interface Transformer

### Features

- matched to Infineon's PEB2095 & PEB20959 and AMD's AM2095 & AM20950 chipsets
- excellent and consistent balance between windings
- compact sizes in through-hole and surface mount packages
- complies fully with all international standards for U-Interface
- manufactured in ISO-9001 approved Talema facility
- operating temperature -40° to +85°C



### Electrical Specifications @ 25°C

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

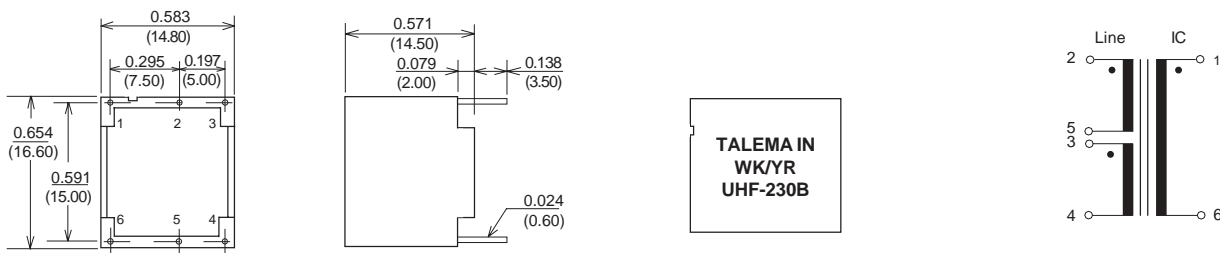
U <sub>PO</sub> TH Interface Transformers								
Complies with Reinforced Insulation Level EN60950 and UL1950								
Part Number	Turns Ratio ±2%	L <sub>P</sub> (mH Min)	I <sub>DC</sub> (mA)	L <sub>L</sub> (μH)	C <sub>C</sub> (pF Max)	DCR (Ohms per winding)		V <sub>P</sub> (Vrms)
						Pri	Sec	
UHF-230B	1:1: <b>2,5</b>	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

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