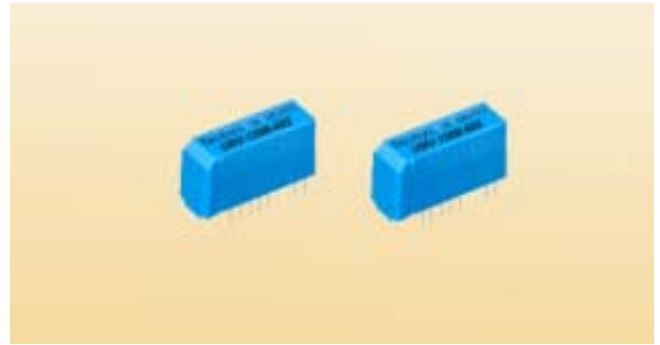




**Features**

- matched to Infineon's PEB2095 & PEB20950 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 Transformer Modules**  
Complies with Basic Insulation Level EN60950, UL1950 and UL1459

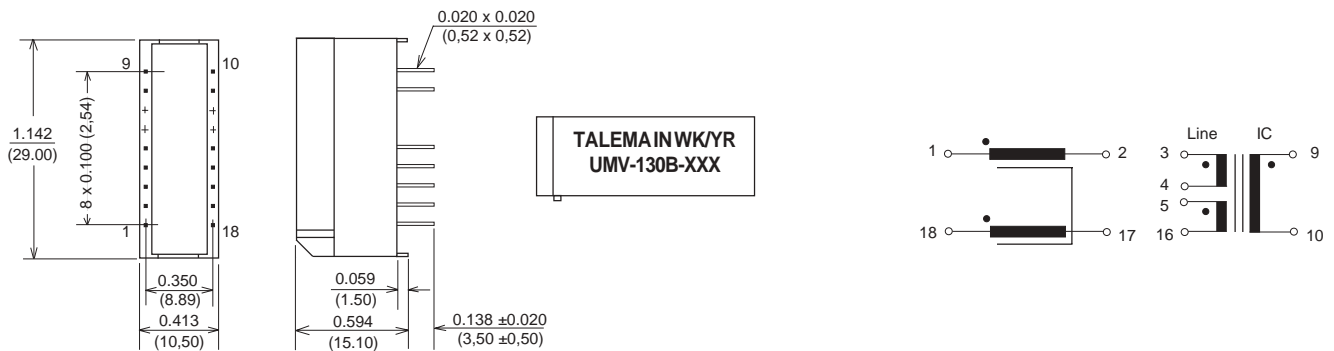
Part Number	Turns Ratio ±1%	L <sub>P</sub> (mH Min)	I <sub>DC</sub> (mA)	L <sub>L</sub> (µH)	C <sub>C</sub> (pF Max)	DCR (Ohms per winding)		V <sub>P</sub> (Vrms)	Schematic	Double Choke	
						Pri	Sec			LN (mH)	DCR (Ohms)
UMV-130B-172	1:1: <b>2,5</b>	1,7	75	6	100	0,80	2,00	2500	B	1,7	0,25
UMV-130B-602	1:1: <b>2,5</b>	1,7	75	6	100	0,80	2,00	2500	B	6,0	0,80

**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 winding to Line side windings in parallel @ 10kHz, 100mVrms  
 Test Voltage: Transformer - 2,5kV for 1 sec. - Line side windings in series to IC winding  
 0,5kV for 1 sec. - Primary winding to Primary winding  
 Choke - 0,5kV for 1 sec. - winding to winding

**Dimensions & Schematic**

**UVM**



Dimensions: Inches (Millimeters)  
Tolerance: ±0.010 (0.25) unless specified otherwise

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