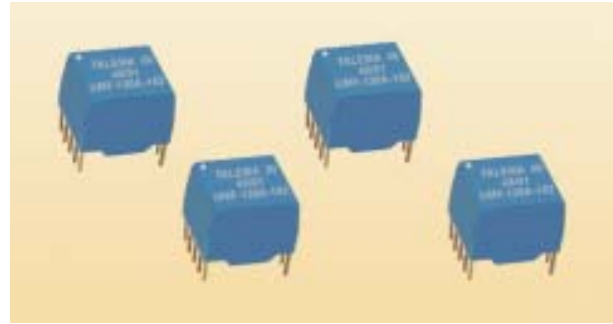


Features

- 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

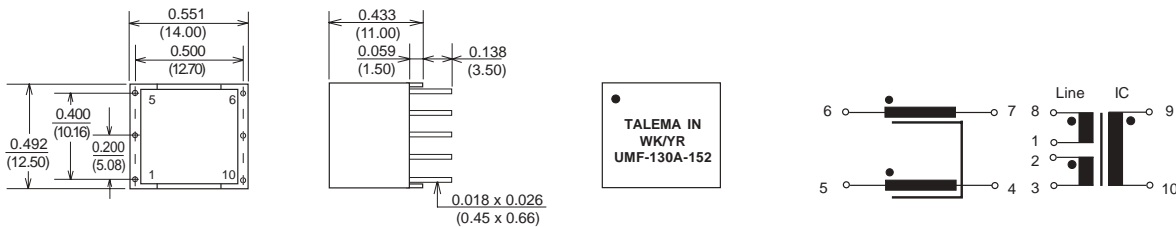
U _{PO} TH Interface Transformer Modules											
Complies with Basic Insulation Level EN60950, UL1950 and UL1459											
Part Number	Turns Ratio ±1%	L _P (mH Min)	I _{DC} (mA)	L _L (μH)	C _C (pF Max)	DCR (Ohms per winding)		V _P (Vrms)	Schematic	Double Choke	
						Pri	Sec			LN (mH)	DCR (Ohms)
UMF-130A-152	1:1: 2,5	1,0	75	6	100	0,31	0.65	1500	A	1,5	0,36

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 - 1,5kV for 1 sec. - Line side windings in series to IC winding
 Choke - 0,5kV for 1 sec. - winding to winding

Dimensions & Schematic

UMF



Design and Manufacturing Facilities

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

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