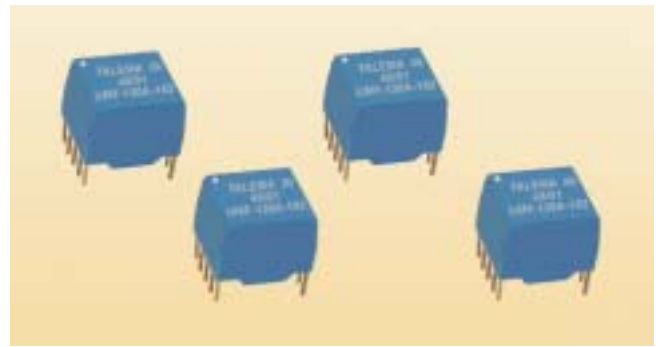


Features

- 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

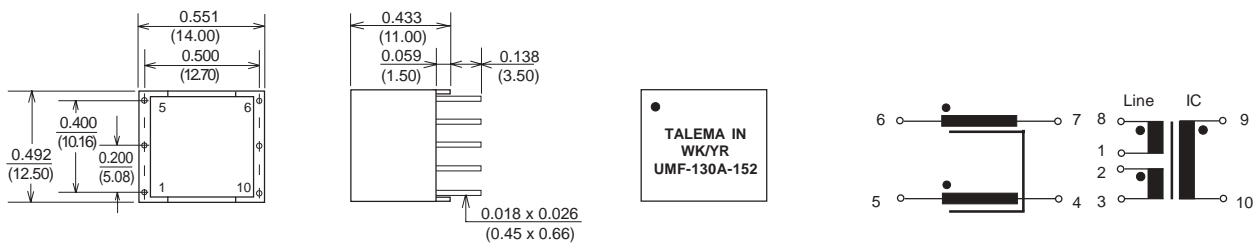
U _{PO} TH Interface Transformer Modules											
Complies with Basic Insulation Level EN60950, UL1950 and UL1459											
Part Number	Turns Ratio ±1%	L _P (mH Min)	I _{DC} (mA)	L _L (μH)	C _C (pF Max)	DCR (Ohms per winding)		V _P (Vrms)	Schematic	Double Choke	
						Pri	Sec			LN (mH)	DCR (Ohms)
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



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

Design and Manufacturing Facilities

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

Eastern Europe & Czech Republic

TALEMA ELECTRONIC s.r.o.
 Jablonského 7
 301 45 Plzeň
 Tel: Int. + 420 37 - 744 9303
 Fax: Int. + 420 37 - 744 3697
 E-mail: info@talema.cz

Germany

TALEMA ELEKTRONIK GMBH
 Riesstr. 8, Postfach 2523
 82110 Germering
 Tel: Int. + 49 89 - 841 00 - 0
 Fax: Int. + 49 89 - 841 00 25
 E-mail: info@talema.isar.de

Ireland

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

India

TALEMA ELECTRONIC PVT. LTD.
 Opposite the SIDCO Industrial Estate
 Omalur Main Road, Five Roads
 Salem - 636 004, Tamil Nadu
 Tel: Int. + 91 427 - 244 1325
 Fax: Int. + 91 427 - 238 6512
 E-mail: talema@talemaindia.com