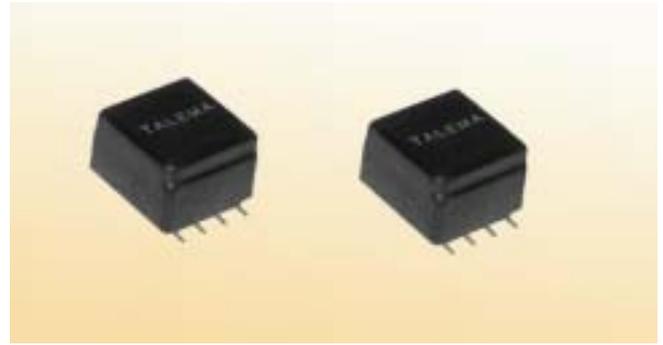




Features

- designed for optimum compatability with all established interface IC's
- 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

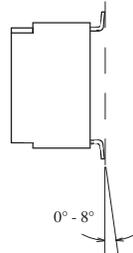
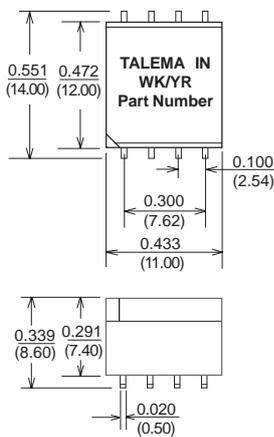
Turns Ratio: **Bold** = IC Side Windings

U _{PO} Interface Transformer								
Complies with Basic Insulation Level EN6-950, UL1950 and UL1459								
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	
UMJ-190S	1:1:1:1	1.7	75	10	180	0.8	0.8	1500
UMJ-192S	1:1: 1,25:1,25	1.7	75	5	140	0.5	1.0	1500
UMJ-195S	1:1: 2:2	1.7	75	10	180	0.8	1.6	1500

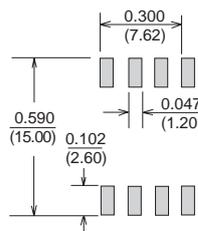
Test Conditions:

- 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 series @ 10kHz, 100mVrms
 Test Voltage: 1,5kV - Line side winding in series to IC side winding in series

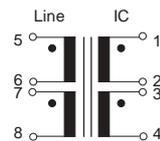
Dimensions & Schematic



Suggested Pad Layout



Schematic



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

Surface Coplanarity will be 0.004(0.10) maximum

Sales & Marketing, Design and Manufacturing Facilities

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