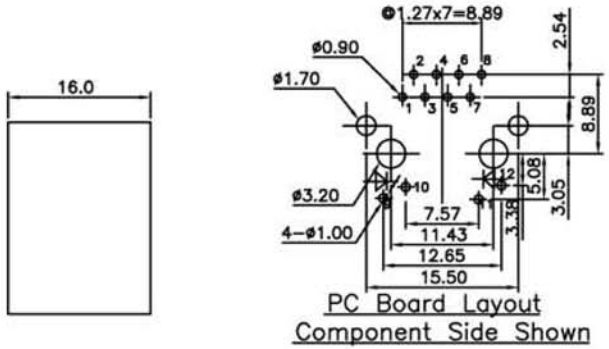
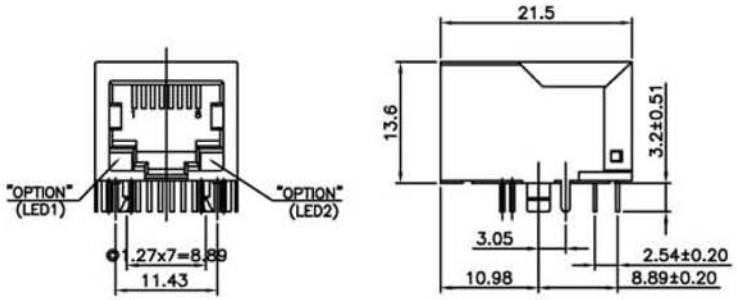
EN: This Datasheet/Document is presented by the manufacturer.

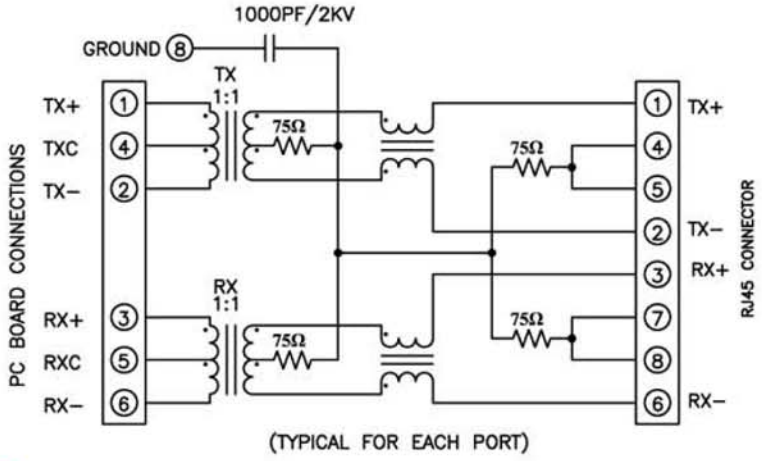
Please visit our website for pricing and availability at www.hestore.hu.

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Schematic:



Characteristics Description:

1. RJ45 10/100 Base-Tx Transformer Jack With Transformer/ Impedance Resistor/High Voltage Capacitor.
2. Size Same As RJ-45 Modular Jack To Save PCB Board Space.
3. Reduce EMI Radiation, Improve EMI Performance.
4. Designed For Network Interface Card Application.
5. Designed To Meet IEEE 802.3u Requirement.
6. Designed For 100 Base Transmission over UTP-5 Cable.

Electrical Specification:

1. Inductance At 100 KHZ, 100 mV DC Bias: 350 uH MIN
2. C W/W (PF MAX): 40 PF
3. Leakage Inductance At 100 KHZ DC 100 mV: 0.3 uH MAX
4. Insertion Loss: 1.0 dB MAX @ 1-80 MHZ
   1.2 dB MAX @ 100 MHZ
5. Return Loss: 14 dB MIN @ 1-60 MHZ
   10 dB MIN @ 60-100 MHZ
6. Cross Talk: 35 dB MIN @ 1-80 MHZ
7. ISOLATION VOLTAGE: @60HZ1500Vrms AC (INPUT TO OUTPUT) 60SEC.

Mechanical:

1. Housing Material : NYLON66 +25%.G.F UL94V-0
2. Insert Material : PBT+30%.G.F UL94V-0
3. Contact Mateial : Phosphor Bronze t=0.35mm.
4. Plating : 1: Contact Area- Selectine Gold Plating.
   2: Tails-Tin Over Nickel
5. Operating Life : 750 Cycles Min.
6. Pcb Retention Pre-Solder : 1 Lb Min.
7. Pcb Retention Post-Solder : 10 Lbs Min.
8. SHIELD: 0.25mm THICKNESS BRASS,(C2680 H); SHIELD PLATED Nickel

Environmental:

1. Storage : -40°c To+85°c.
2. Operation : -40°c To+85°c.
3. Wave Soldering Temperrature: 260°C (5 SECONDS)

Mates With Modular Plug Conforming To Fcc Part 68, Subpart F.

LED SPECIFICATIONS:

	YELLOW	GREEN
– COLOR:		
– FORWARD VOLTAGE(20mA)	2.5V(MAX)	2.5V(MAX)
– FORWARD VOLTAGE(20mA)	2.1V(TYP)	2.2V(TYP)
– POWER DISSIPATION:	105mW	105mW
– WAVE LENGTH:	590nm	565nm
– LUMINOUS INTENSITY(10mA):	2-8MCD	8-32MCD

Ordering Information

LMJ362 884X TA753
a

a. Contact Plating
   1: 15u" gold
   2: 30u" gold
   3: 50u" gold
   4: 6u" gold

TOLERANCE (mm)		APPROVALS	DATE
X.	±0.3	DRAWN Stephane	2010/05/13
X.X	±0.2	CHECKED Rob	2010/05/13
X.XX	±0.15	APPROVED Rob	2010/05/13
UNLESS OTHERWISE SPECIFIED		UNIT : mm	SIZE : A4

TITLE: Transformer RJ45 Dip R/A w/LED

DRAWING N° LMJ362884XTA753

REV. A

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Scale N.A. | Sheet 1 of 1