



NOTES:
 Characteristics Description:
 1. RJ45 1000 Base-Tx Transformer Jack with Transformer Impedance Resistor/High Voltage Capacitor
 2. Size Same as RJ-45 Modular Jack to Save PCB 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 1000 Base Transmission over UTP-5 cable

Electrical Specifications:
 1. Inductance At 100 KHz, 100 mV 8mADC Bias: 350 uH min.
 2. Leakage Inductance 0.4 uH max. @100KHz 100mV
 3. Insertion Loss: 1.1 dB max. @1-100 MHz
 4. Return Loss: 18dB min. @1-30MHz
 16dB min. @30-60MHz
 12dB min. @60-80MHz
 5. Cross Talk: 30dB min. 1-100MHz
 6. Common Mode Reflection: 30dB min. @1-100MHz
 7. Isolation Voltage @60Hz: 1500Vrms(Input to Output) 60 sec.

Mechanical:
 1. Housing Material: High Temp. UL94V-0 Color: Black
 2. Contact Material: Phosphor Bronze T=0.30mm
 3. Plating: 6u" Gold on contact area 100~200u" Tin on solder area all over 30~80u" Nickel
 4. Shield Material: Brass T=0.20mm
 5. Shield Plating: Nickel plating
Environmental:
 1. Storage: -40°C to +85°C
 2. Operation: 0°C to +70°C
 3. Wave soldering temperature: 255~265°C (5~10Seconds)
 4. Packing: Tray
 Mates with Modular Plug Conforming to TIA-1096-A

RoHS compliant
 Unit: mm

Scale	Free		
TOLERANCE			
.X	±0.20	Drawn	30.11.2015
.XX	±0.15		
.XXX	±0.10	Approved	30.11.2015
DIM	TOL		
Angle	±5°		
Id.		Drawn	30.11.2015
		Modification	
		Date	30.11.2015
		Name	Amy

Customer-No.	
ASSMANN WSW-No.	AMJH-8-T-R-P64
Drawing-No.	ASS 7062 CO
Replace	rev00
Sheet	

1	2	3	4	5	6	7
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