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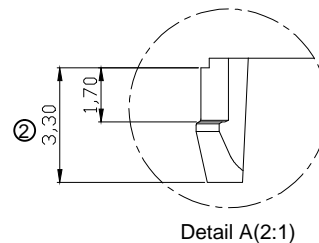
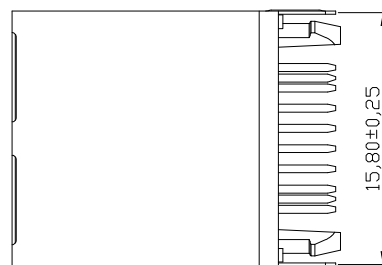
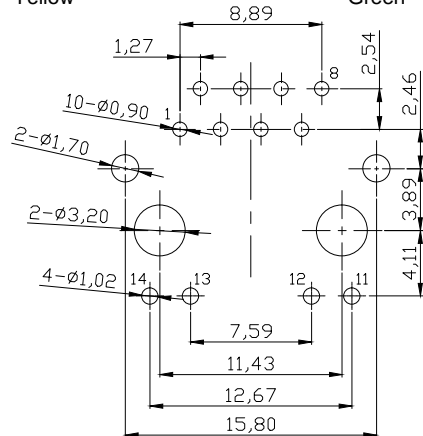
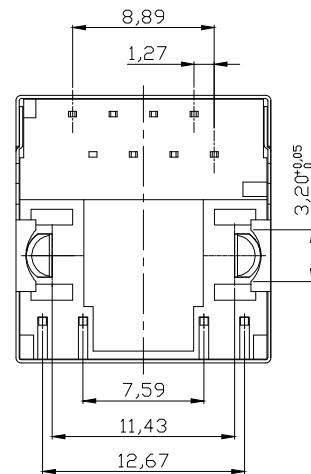
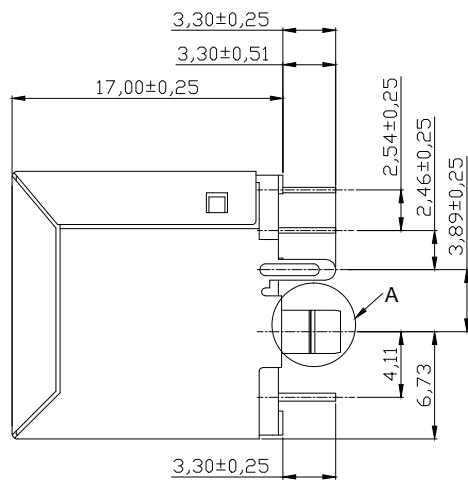
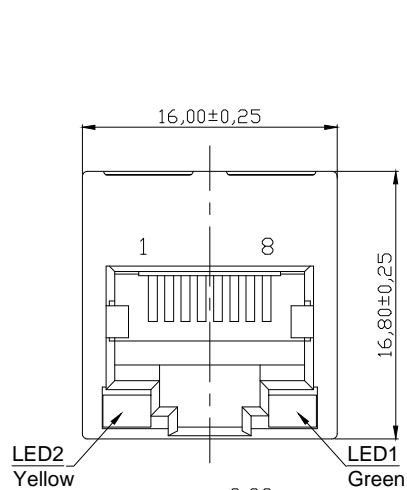
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NOTES:

Mechanical:

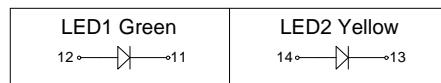
- 1. Housing Material: High Temp. UL94V-0 Black
- 2. Insert Material: High Temp. UL94V-0 Black
- 3. Contact Material: Phosphor Bronze T=0.35mm
- 4. Contact Plating: 6u" Gold on contact area
100~200u" Tin on solder area
all over 30~80u" Nickel
- 5. Shield Material: Brass T=0.20mm
- 6. Shield Plating: 50u" Nickel plated
- 7. Operating Life: 750 cycles min.

Environmental:

- ① 1. Storage: -40°C to +105°C
- 2. Operation: -40°C to +85°C
- 3. Wave soldering temperature: 255~265°C
(5~10Seconds)

Mates with Modular Plug Conforming to TIA-1096-A

Packing: Tray



RoHS compliant
Unit: mm

Scale	Free					Date	Name	Customer-No.						
TOLERANCE						Drawn	30.11.2015	Amy						
.X	±0.20					Approved	23.12.2021	Luca						
.XX	±0.15							ASSMANN WSW-No.						
.XXX	±0.10	②	Update dimension	23.12.2021	Luca			AMJH-8-T-S-P35						
DIM	TOL	①	Update the storage temperature	10.08.2016	Amy									
Angle	±5°	③	Drawn	30.11.2015	Amy									
		Id.	Modification	Date	Name	<table border="1"> <tr> <td>Drawing-No.</td> <td>ASS 7070 CO</td> <td>rev02</td> </tr> <tr> <td>Replace</td> <td></td> <td>Sheet 1 / 2</td> </tr> </table>			Drawing-No.	ASS 7070 CO	rev02	Replace		Sheet 1 / 2
Drawing-No.	ASS 7070 CO	rev02												
Replace		Sheet 1 / 2												

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Schematic:

NOTES:

Characteristics Description:

1. RJ45 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

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 Rejection: 30dB min. @1-100MHz
7. Isolation Voltage @60Hz: 1500Vrms(Input to Output) 60 sec.

RoHS compliant
Unit: mm

Scale	Free				Date	Name	Customer-No.
TOLERANCE					Drawn	30.11.2015	Amy
.X	±0.20				Approved	23.12.2021	Luca
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Angle	±5°	①	Drawn	30.11.2015	Amy		ASS 7070 CO
		①	Drawn	30.11.2015	Amy		rev02
		Id.	Modification	Date	Name		Replace
							Sheet 2 / 2

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