

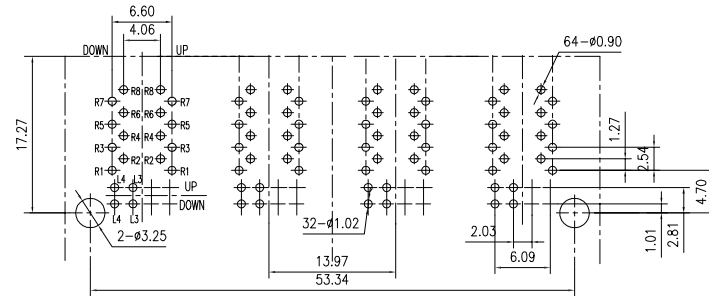
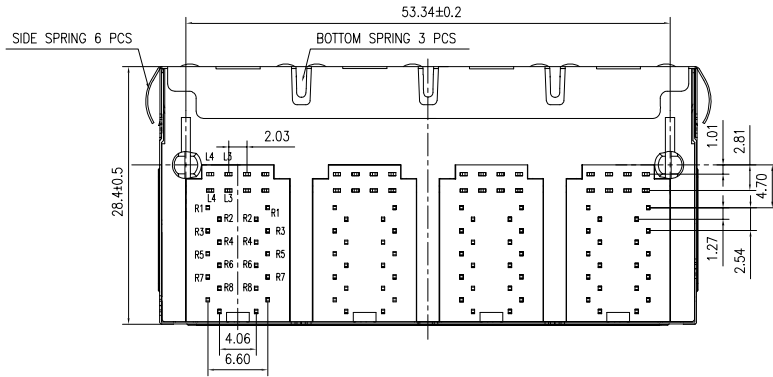
ELECTRICAL SPECIFICATIONS AT 25 °C

Insertion Loss dB max	Return Loss dB min	Crosstalk(dB TYP)	Common Mode Rejection (dB TYP)	Hipot(vrms)
1-125MHz	1-30MHz	30- 80MHz	1- 100MHz	1-100MHz
-1.2	-18	-18+20log(f/30MHz)	-30	-30

LED Specification

Standard LED Color	LED Wavelength	Forward (V MAX)	Typical (V TYP)	Luminous Intensity
Green	560-580 nm	2.5V	2.1-2.2V	9-25 MCD

- LED intensity/wavelength measured with Photo Research PR-650 Colorimeter
- With a forward current of 20 mA, Absolute Maximum Ratings (Ta=25°C)



Suggested PCB Layout(Top view)
Dimension tolerance: ±0.05mm

RoHS compliant
Unit: mm

Scale	Free
TOLERANCE	
0~10	±0.15
10~20	±0.20
20~40	±0.25
40~70	±0.30
>70	±0.40
DIM	TOL
Angle	±5°

Id.	Modification	Date	Name
①	Drawn	08.02.2017	Amy

Date	Name
08.02.2017	Amy
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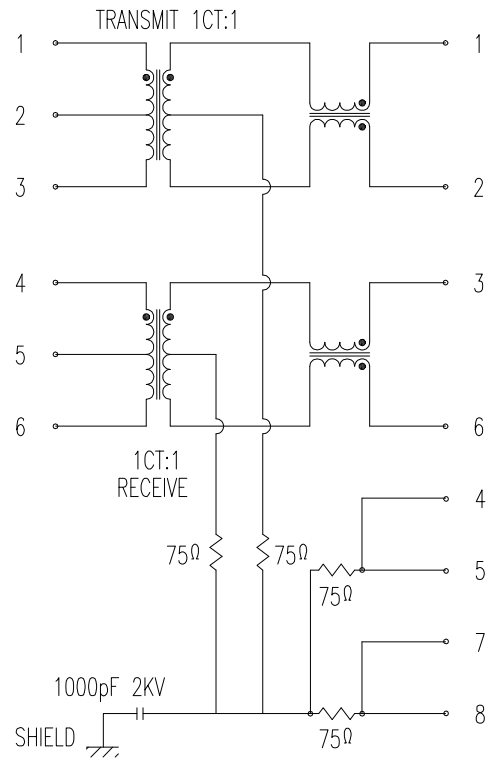
ASSMANN
WSW components

Customer-No.	Drawing-No.	Sheet
	ASSMANN WSW-No. AMJH-8-T-R-P103	1 / 2
	ASS 7397 CO	rev00
	Replace	

1 2 3 4 5 6 7

A

Schematic:



NOTES:

Description:

RJ45 with internal Magnetics connector
 Designed to support such applications as Ethernet equipment complex, Switches, Routers, Firewalls, Servers and Hub
 Internal magnetics are 100% electrically tested for functionality per IEEE802.3af/at requirement
 RoHS peak wave solder temperature rating 235°C
 High performance for max. EMI suppression
 350uH min. OCL with 8mA bias current; DCR: 1.4Ω max.
 Hi-pot: 1.5KVrms min. 60S; Turn ratio: 1:1±3%
 Jack only conforms to FCC rules and regulations, Part 68 subpart F.

Mechanical:

Insertion force: 900g
 Retention strength: 7.7Kgs between Jack to Plug
 Durability: 750 mating cycles min.

Material:

1. Housing material : PA46 UL94V-0 Black
2. Spring wire material: Phosphor Bronze t=0.35mm
3. Contact Plating: 6u" Gold on contact area, 120u" Tin on solder side, all over 50u" Nickel
4. Shield material: Copper alloy with Tin plated

Environmental:

1. Storage: -40°C To +85°C
2. Operation: -40°C To +85°C

Package: Tray

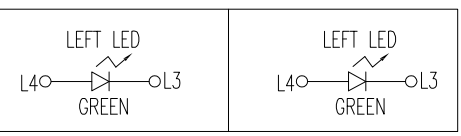
B

C

D

E

F



RoHS compliant
 Unit: mm

Scale	Free						Date	Name	Customer-No.
TOLERANCE						Drawn	08.02.2017	Amy	
0~10	±0.15					Approved	08.02.2017	Amy	ASSMANN WSW-No.
10~20	±0.20								AMJH-8-T-R-P103
20~40	±0.25								Drawing-No.
40~70	±0.30								ASS 7397 CO
>70	±0.40								rev00
DIM	TOL	©	Drawn	08.02.2017	Amy	ASSMANN WSW components		Replace	Sheet
Angle	±5°	Id.	Modification	Date	Name			2 / 2	

G

H

A

B

C

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F

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1 2 3 4 5 6 7