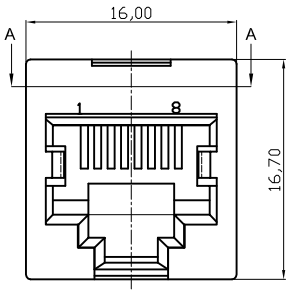
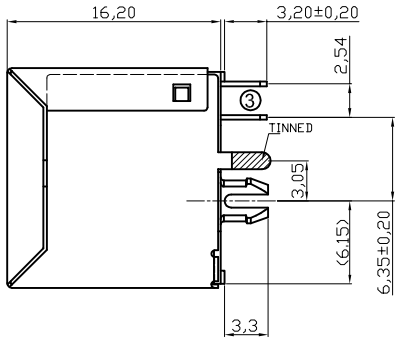
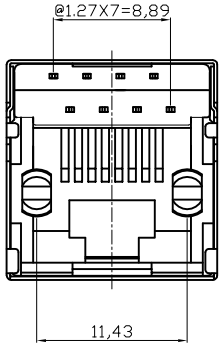






NOTES:

ELECTRICAL:

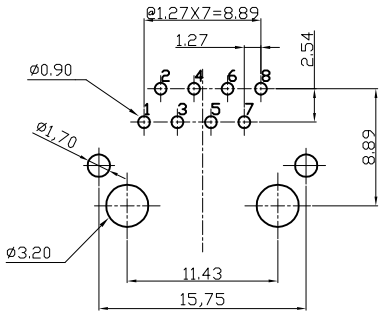
1. VOLTAGE RATING : 125 VAC RMS.
2. CURRENT RATING : 1.5 AMP.
3. CONTACT RESISTANCE : 35 MILLIOHMS MAX.
4. INSULATION RESISTANCE : 1000 MEGOHMS @ 500 VDC. MIN.
5. DIELECTRIC STRENGTH : 1000 VAC RMS 60Hz, 1MIN.

MECHANICAL:

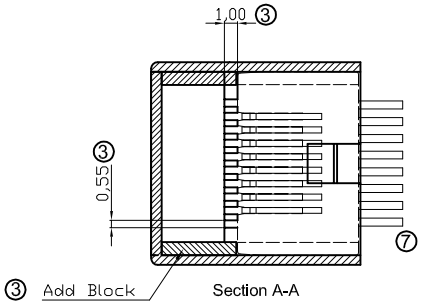
⑤ 1. HOUSING MATERIAL : FR52. UL94V-0.
2. CONTACT MATERIAL : PHOSPHOR BRONZE T=0.35mm.
3. SHIELD MATERIAL : COPPER ALLOY T=0.20mm.
⑥ 4. PLATING : 50u" GOLD ON CONTACT AREA
100~200u" TIN ON SOLDER AREA
ALL OVER 30~50u" NICKEL
5. OPERATING LIFE : 750 CYCLES MIN.
6. PCB RETENTION PRE-SOLDER : 1 LB MIN.
7. PCB RETENTION POST-SOLDER : 10 LBS MIN.

ENVIRONMENTAL:

1. STORAGE : -40°C TO +85°C
2. OPERATION : -40°C TO +85°C.
⑤ 3. CAT-Class:CAT6



PC Board Layout



Section A-A

CATEGORY 6 CHARACTERISTIC:

Frequence	Near-End Cross Talk dB, MIN.	Return Loss dB, MIN.	Attenuation dB, MAX.
1.0 MHZ	75.0	35.5	0.1
4.0 MHZ	75.0	35.5	0.1
10.0 MHZ	74.0	35.5	0.1
16.0 MHZ	69.9	35.5	0.1
25.0 MHZ	66.0	35.5	0.1
31.25 MHZ	64.1	34.1	0.1
62.5 MHZ	58.1	28.1	0.1
100.0 MHZ	54.0	24.0	0.2
200.0 MHZ	48.0	18.0	0.3
250.0 MHZ	46.0	16.0	0.3

RoHS compliant

Unit: mm

File No.: E345352

Scale	Free
TOLERANCE	
.X	±0.20
.XX	±0.15
.XXX	±0.10
DIM	TOL
Angle	±5°

Id.	Modification	Date	Name
⑦	Update the contact pins	27.04.2016	Amy
⑥	Update the contact plating	25.08.2015	Amy
⑤	Update	26.06.2013	Winnie
④	Add UL No	21.02.2013	Fancy
③	Modify design	08.09.2009	Dean
②	Update	06.07.2009	Dean

	Date	Name
Drawn	14.01.2004	A.Menk
Approved	27.04.2016	Amy

ASSMANN WSW components

Customer-No.

ASSMANN WSW-No.
AMJ-188-10101-CAT6

Drawing-No.
ASS 1571 CO

rev07

Replace

Sheet