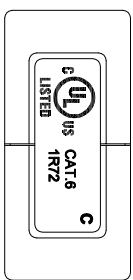
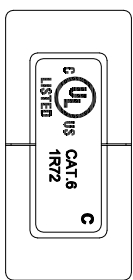
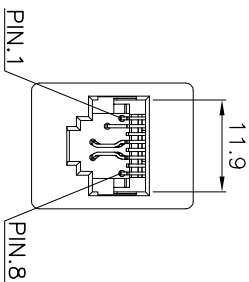
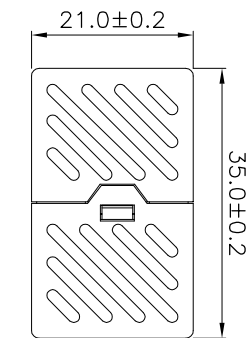
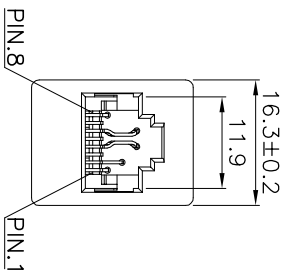


SCALE 1/1



**Specification :**

**Material :**

1. RJ45 Jack
  - 1-1. Housing : ABS, UL 94-V0, with Black color.
  - 1-2. Contact Bracket : PC, UL 94-V2, Transparent color.
2. RJ45 Jack Contact :
  - 2-1. Material : Phosphor Bronze with Nickel plated.
  - 2-2. Finish : 50 micro-inch Gold plated on Plug contact area.
3. PCB : FR4, UL 94-V0.

**Performance :**

- a. Current rating : 1.5A @25°C.
- b. Insulation resistance :100VDC/500MΩ min./60 Sec
- c. Contact resistance : 20mΩ max.
- d. DC resistance :
  - 200 mΩ max.(single contacts )and 100 mΩ max.(screen)
  - 50 mΩ max.(input to output DC resistance unbalance)

**Dielectric withstanding voltage :**

- e. 1000 VDC(contact to contact)and 1500 VDC(contacts to screen)/2 mA max./60 sec
- f. Insertion force : 20N max.(IEC 60603-7-4)

**Retention strength :**

- g. 7.7 kg between Jack and Plug.

**Operating temperature :**

- h. -10°C to 60°C.(ISO/IEC 11801, ANSI/TIA-568.2-D:2018)
- i. Life(mating cycles) : 750 cycles min.(ISO/IEC 11801, IEC 60603-7-4)
- j. The Cat.6 channel transmission performance is in compliance with the ANSI/TIA-568.2-D:2018 standard.

GENERAL TOLERANCE OF DIMENSIONS		DRAWING		WESLEY	
X.XXX	±0.005	CHECK	21.MAR.2021	DAY	
XXX	±0.05	APPROVAL	21.MAR.2021	FRANK	
X.X	±0.1	DATE		NAME	ITEM NO.: 21.17.3043

**SECOMP**

SCALE	1/1 (A4)	UNIT	mm	DES.: ROLINE Cat.6 Modular Coupler,unshielded
DRAWING NO.	21.17.3043	DRAWING CLASSIFICATION	S	SHEET
			1	OF 1

