



NOTES:

ELECTRICAL:

- 1. Contact Resistance : 20MΩ MAX
- 2. Insulation Resistance : 500MΩ MIN @ 500V DC
- 3. Withstand Voltage : DC 1000V AC 700V RMS 60Hz, 1MIN
- 4. Compliance with CAT.6A up to 500 MHz to ISO/IEC 11801 Ed.1.0(2017-11)
DIN EN 50173-1: (2018-10)
ANSI/TIA-568.2-D (2018-09)
IEC 60603-7-51 Ed.1.0 (2010-03)

ENVIRONMENTAL:

- 1. Storage temperature : -40°C TO+70°C
- 2. Operation temperature : -10°C to+60°C

MECHANICAL

- 1. SHIELD MATERIAL: ZINC ALLOY
- 2. IDC MATERIAL: PC TERMINAL:PHOSPHOR BRONZE, TIN PLATING
- 3. RJ45 Contact Life: 750 Times Min
- 4. Plug inforce: <30N
- 5. Solid cable: 1/22AWG (0.65MM) - 1/26AWG (0.40MM) ID: 1.05MM-1.5MM
- 6. Cable OD: 5.0mm-8.0mm
- 7. PoE per IEEE 802.3af, PoE+ per IEEE 802.3at, POE++ per IEEE 802.3bt
- 8. RoHS and REACH compliant.
- 9. Connecting hardware, Copper, Category 6A GHMT Type Certification

MATERIAL LIST:

⑤	HOUSING	ZINC ALLOY Silver	1	
④	MODULAR COVER	PC with T568A/B COLOR CODE	1	
③	RJ45 JACK	PHOSPHOR BRONZE 8P8C GOLD PLATED	1	
②	PCB	1.2mm UL 94V0	1	
①	IDC	FOR CABLE, PHOSPHOR BRONZE & TINNED, PC White	1	
NO.	PARTS NAME	SPECIFICATION DESCRIPTION	QT' Y	REMARK
		NEW	2025-08-01	A
BY	CHK	REVISION RECORD MODIFICATIONS	DATE	REV.

21.17.0328	ROLINE Keystone Cat.6A, RJ45, STP, tool-free, component level
ITEM NO.	DESC.

SECOMP