



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. Component testing for ANSI-TIA568.2-D MPTL requirements IEC 60603-7-5 CAT.6A /Class EA MPTL Test pass

ENVIRONMENTAL:

- 1.Storage temperature : -40℃ T0+70℃
- 2.Operation temperature : -10℃ to+60℃

MECHANICAL

- 1.Housing 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(0.4MM) ID:1.1MM-1.6MM
- 6.Stranded cable:7/22AWG-7/26AWG ID:1.1MM-1.6MM
- 7.Cable OD: 5.0mm-8.5mm
- 8.PoE per IEEE 802.3af, PoE+ per IEEE 802.3at, PoE++ per IEEE 802.3bt, RoHS 3.0 and REACH Compliant
- SinglePack: 1pc/PE bag+label; SubPack: 50pcs/box+label; Carton +labelx2;

MATERIAL LIST:

⑧	Nut	zinc alloy	1	
⑦	Sheel	zinc alloy	2	
⑥	Housing	zinc alloy	1	
⑤	MODULAR COVER	PC with label color code T568A/B	1	
④	RJ 45 Plug	8P8C GOLD PLATED	8	
③	PCB	1.0mm UL 94V0	1	
②	IDC PIN	PHOSPHOR BRONZE & TINNED	8	
①	IDC TERMINAL	FOR 22-26AWG CABLE	8	

SYNERGY21

NO.	PARTS NAME	SPECIFICATION STANDARD	QT' Y	REMARK
		NEW	2023-09-14	A
BY	CHK	REVISION RECORD MODIFICATIONS	DATE	REV.

CUSTOMER		ITEM NO.	S216569V2		
PRODUCT NAME	Field Installable RJ 45 shielded connector Cat.6A	manufacture country:	CHINA	UNIT	MM
DRAWNBY	CHECKBY	APPOBY	DATE		
SYNERGY21	SYNERGY21	SYNERGY21	2023-09-14		