

NOTES:

1. Electrical specifications:

- Meets EIA/TIA-568-B.2 Cat 5e specification
- Contact resistance: 20 mOhm max.
- Insulation resistance: 500 MOhm min. @ 100 V DC
- Current rating: 1.2 A max. at 25° C
- Working voltage: 100 V DC
- D W voltage: 1000 V DC/60 s contact to contact
: 1500 V DC/60 s contact to metal shell
- Temperature range: -40°C to +80°C

2. Material And Finish:

- Coupler ring: Zinc die-cast, nickel plated
- Plug housing: Zinc die-cast, nickel plated
- Interfacial seal: Silicone, transparent
- Cable gland: Brass, nickel plated
- Cable gland rubber ring: NBR, black
- RJ45 Plug metal shell: Copper alloy, nickel plated
- RJ45 Plug plastic housing: PC UL 94 V-2, clear
- RJ45 Plug contact: Phosphor bronze,
finish: min. 50µ" gold over nickel

3. IP67, rated when covered or fully mated with the appropriate mating connector

4. RJ45 Plug accepts both stranded and solid wire with outer diameter of 4.83mm to 6.73mm

5. Cable fitting accepts cable outer diameter range of 4.5mm to 8mm

6. RoHS compliant

7. Packaging Spec: 107-19763

8. Material And Finish:

- Coupler ring: PBT UL 94 V-0, black
- Plug housing: PBT UL 94 V-0, black
- Interfacial seal: Silicone, transparent
- Cable gland: Brass, nickel plated
- Cable gland rubber ring: NBR, black
- RJ45 Plug metal shell: Copper alloy, nickel plated
- RJ45 Plug plastic housing: PC UL 94 V-2, clear
- RJ45 Plug contact: Phosphor bronze,
finish: min. 50µ" gold over nickel

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
1		PRELIMINARY DRAWING	12MAY2021	NM	JDB
A		GTP ECN-21-106099	14 JUN2021	NM	JDB

Bayonet coupler ring

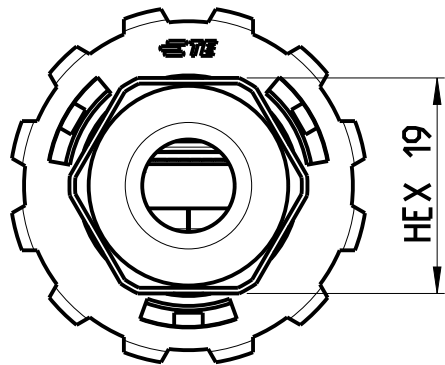
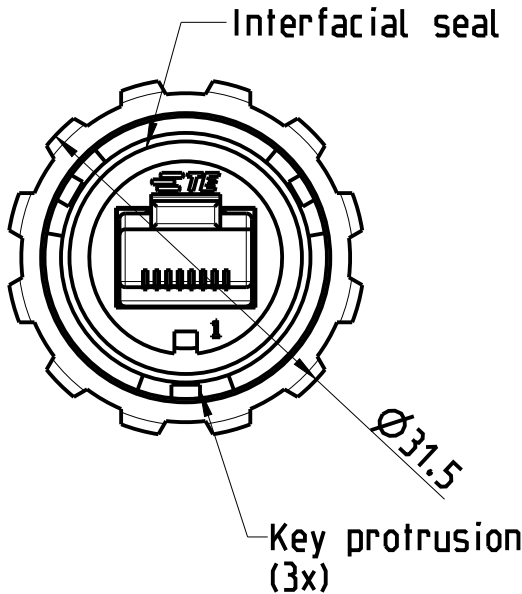
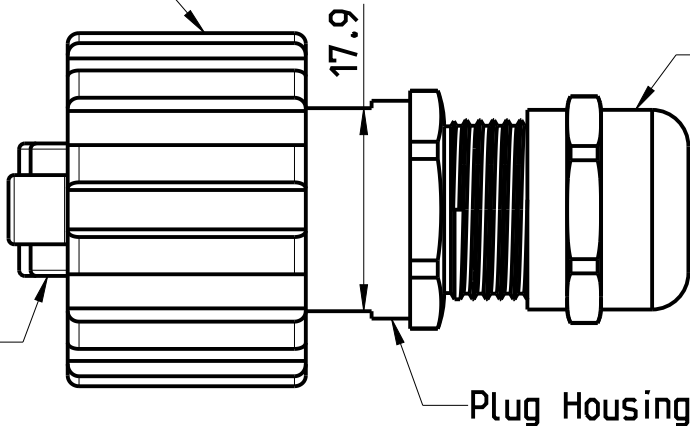
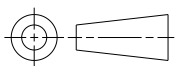
Shielded Cat 5e RJ45 Plug

Cable Gland

Plug Housing

Interfacial seal

Key protrusion (3x)



E81956	8	2362760-2	1SET316004R0000
E81956	2	2362760-1	1SET316005R0000
UL NO.	MATERIAL	TEPN	ENTRELEC PN

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN N.MANTIKOU 12MAY2021	ENTRELEC Electrical Solutions	
		CHK B.PENG 12MAY2021		
		APVD J.D. BRULIN 12MAY2021	NAME RJ45 PLUG KIT SHIELDED CAT 5e RJ45 PLUG	
		PRODUCT SPEC		
		APPLICATION SPEC		
		114-19162		
		WEIGHT		
		-		
		RESTRICTED CUSTOMER		
		SCALE 3:2	SHEET 1 OF 1	
			REV A	