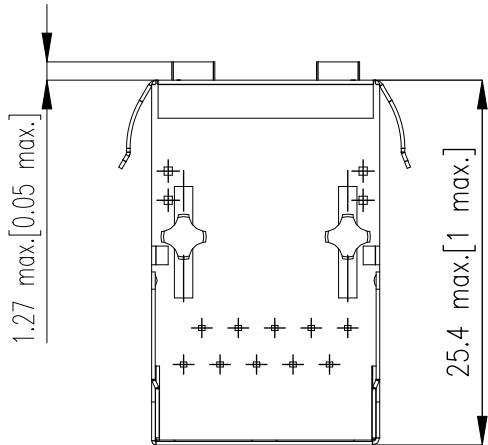
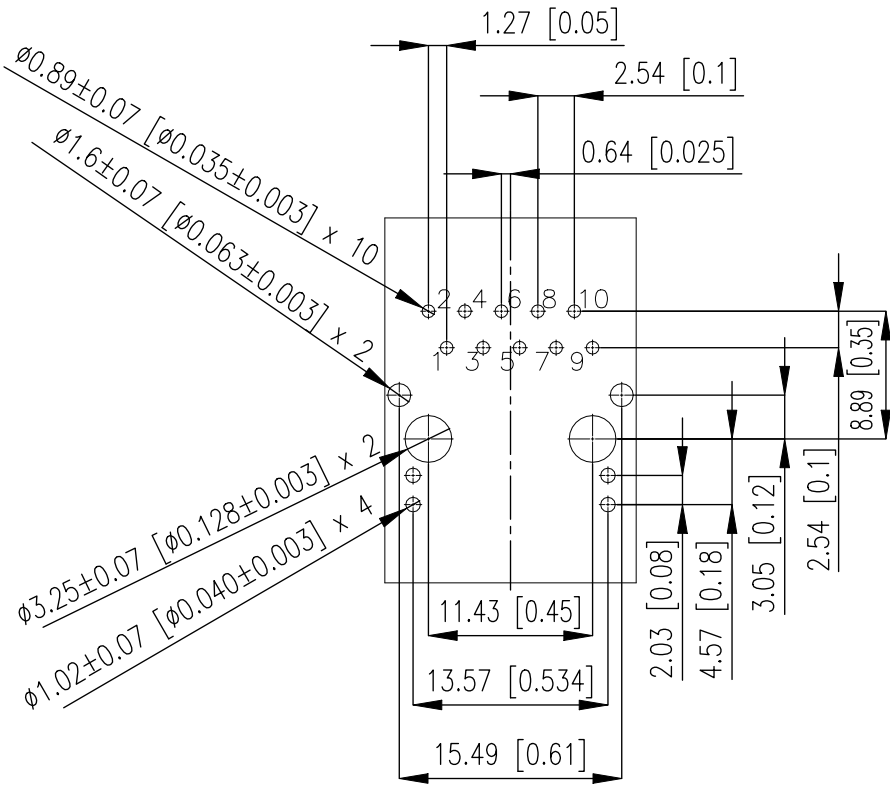
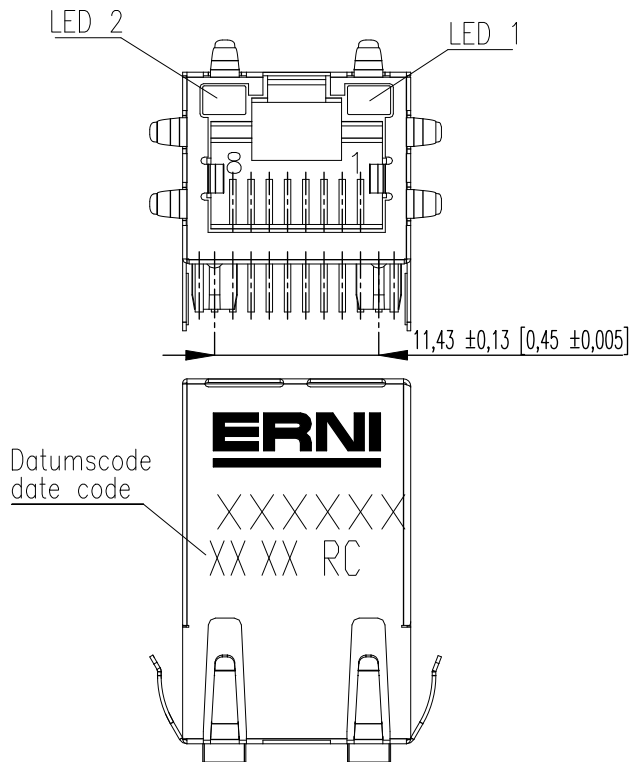
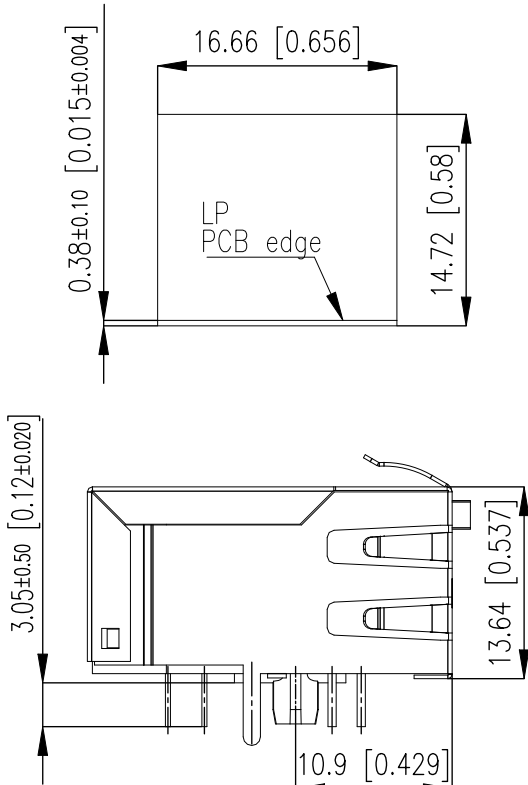


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	B1	GENERAL TOLERANCE ADDED	04JAN2024	NK	JDB

Empfohlenes Leiterplatten–Layout (Bestückungsseite)
Recommended PCB layout (component side view)
Tol ±0.05 [0.002] wenn nicht angegeben / unless noted



Empfohlener Frontplatten Ausschnitt
Recommended panel cutout



LED Anweisung
LED specifications

gelb / yellow	2,1	2,5	20		
grün / green	2,2	2,5	20		
rot / red	2,25	2,5	20		
orange / grün orange / green	2,05 / 2,2	2,5	20		
Farbe Color	Vf Typ	Vf Max	If mA	Schaltplan circuit diagramm	

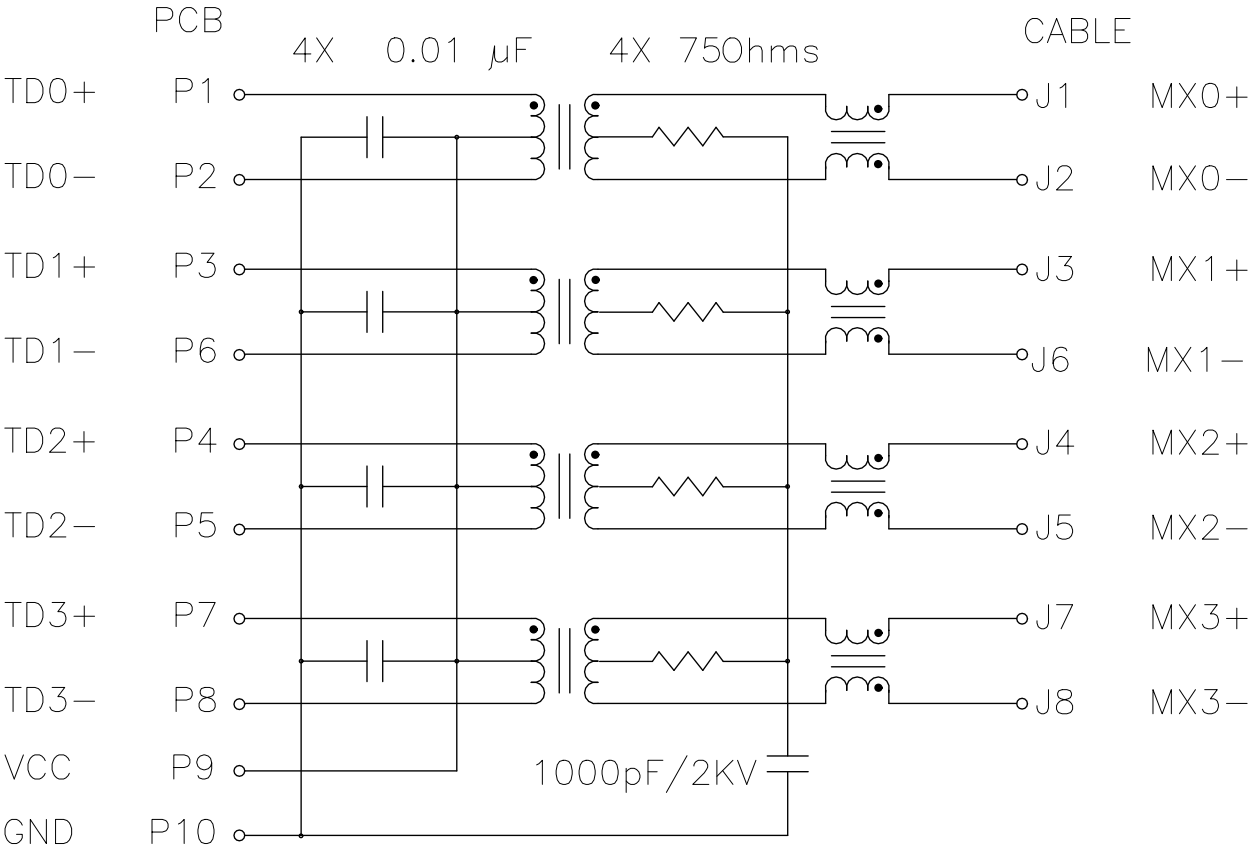
OBSOLETED	203348-E	gelb / yellow	grün / green	L1
	203349-E	grün / green	gelb / yellow	L2
	203352-E	orange / grün orange / green	orange / grün orange / green	L9
Ident – Nr. Part no.	LED 2 links LED 2 left	LED 1 rechts LED 1 right	LED Code	

Materialien und Ausführung / Materials and finish:
Gehäuse / Housing : glasgefülltes Polyester UL 94 V-0 schwarz /
glass filled polyester UL 94 V-0 black
Abschirmung / Shielding : Cu–Legierung, beschichtet mit Ni /
Cu alloy, plated with Ni
Kontakte / Contacts : Phosphor bronze
Kontaktoberfläche / Contact finish: Au, 0,8 µm (30 µin), über Ni /
Au, 0,8 µm (30 µin), over Ni
Anschlussoberfläche / Terminal finish : Sn matt / Sn matte
LED–Linse / LED lens: Epoxid / epoxy
Mechanische Eigenschaften / Mechanical characteristics
Dauerhaftigkeit / Durability: 1000 Steckzyklen / 1000 mating cycles
Betriebstemperatur / Operating temperature : 0°C to 70°C

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN N K NIKHIL 04NOV2022	TE Connectivity	
		CHK N MANTIKOU 06NOV2022		
DIMENSIONS: mm [INCHES]		APVD J DE BRUIJN -	NAME Mod Jack MJIMR 8C10T 1x1 INT. MAG LED*	
		PRODUCT SPEC 108-94889	SIZE A3	
		APPLICATION SPEC 114-94780		
MATERIAL -		WEIGHT -	CAGE CODE 00779	DRAWING NO C-203349-E
		CUSTOMER DRAWING		RESTRICTED TO -
		SCALE NTS	SHEET 1 of 2	REV B1

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	—	SEE SHEET 1	—	—	—

Elektrischer Schaltplan 1000 BASE T – M5B01
Electrical schematics 1000 BASE T – M5B01



Magnetische Spezifikationen @ 25°C
Magnetics specifications @ 25°C

Windungsverhältnis /
Turns ratio: 1CT:1CT $\pm$ 3%

OCL(100 KHz, 0.1 V, 8 mA) 350 μ H MIN

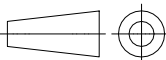
Einfügungsdämpfung / Insertion loss:
1–100 MHz –1.1 dB MAX

Rückflussdämpfung / Return loss:
1–40 MHz –18 dB MIN
60 MHz –14 dB MIN
80 MHz –12 dB MIN
100 MHz –10 dB MIN

Übersprechen /Crosstalk:
1–100 MHz –35 dB TYP

CMR:
0.1 – 30 MHz –50 dB TYP
30 – 60 MHz –40 dB TYP
60 – 100 MHz –35 dB TYP

Isolationsspannung /
Isolation voltage 1500 Vrms

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN N K NIKHIL 04NOV2022		TE Connectivity				
		CHK N MANTIKOU 06NOV2022						
DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD J DE BRUIJN		NAME Mod Jack MJIMR 8C10T 1x1 INT. MAG LED*				
	0 PLC ± - 1 PLC ± - 2 PLC ± 0.20 [0.008] 3 PLC ± - 4 PLC ± - ANGLES ± -	PRODUCT SPEC 108-94889						
MATERIAL -	FINISH -	APPLICATION SPEC 114-94780		SIZE	CAGE CODE	DRAWING NO		RESTRICTED TO
		WEIGHT -		A3	00779	C-203349-E		-
CUSTOMER DRAWING						SCALE NTS	SHEET 2 OF 2	REV B1