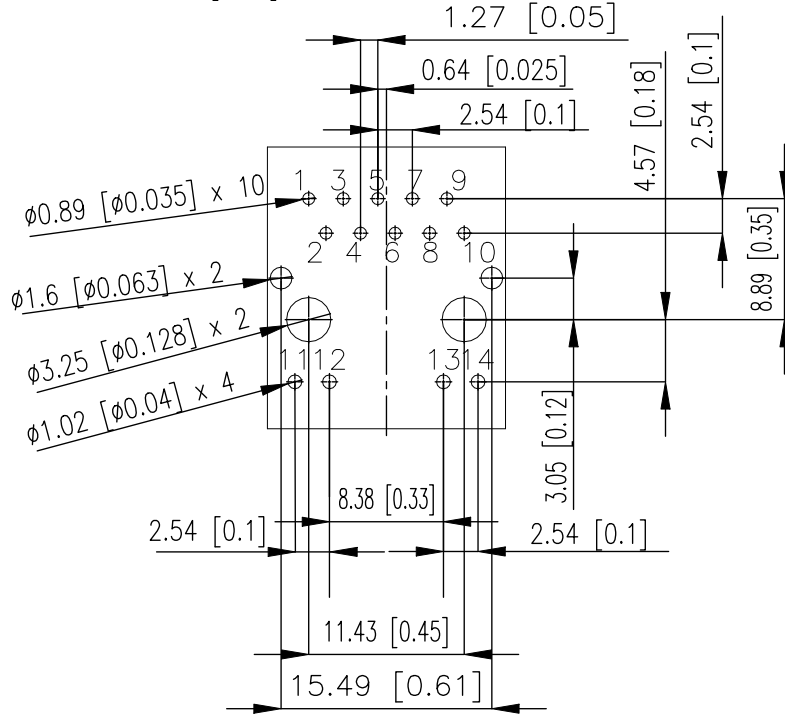
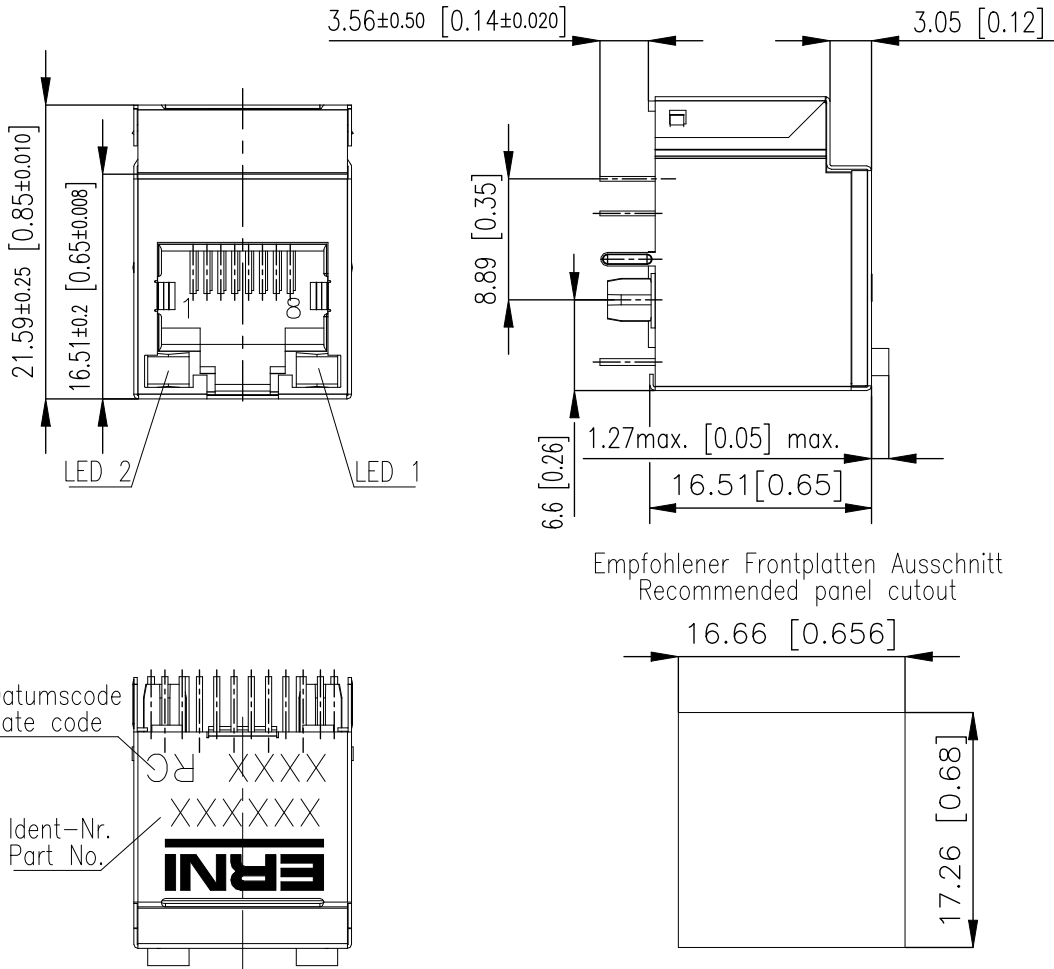


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	B2	GENERAL TOLERANCE ADDED	04JAN2024	NK	JDB

Empfohlenes Leiterplatten-Layout (Bestückungsseite)
Recommended PCB layout (component side view)
TOL±0.05 [.002] wenn nicht angegeben/unless noted



Bemerkung 1 /Note 1: RoHS-konform: Aufdruck "RC" mit Datumscode /
RoHS compliant: print "RC" with date code

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	

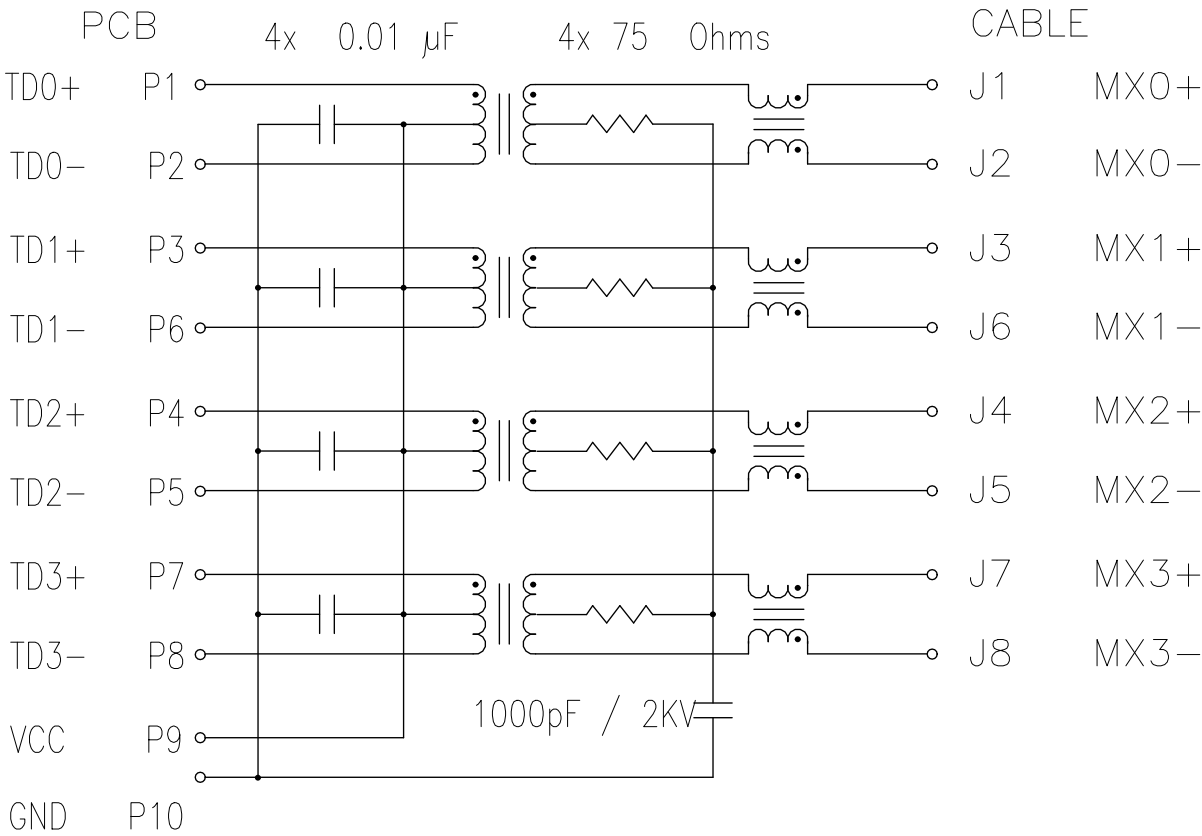
203342-E	gelb /yellow	grün /green	L1
203343-E	grün /green	gelb /yellow	L2
203344-E	grün /green	grün /green	L3
203346-E	orange / grün orange / green	orange / grün orange / green	L9
Ident - Nr. Part no.	LED 2 links LED 2 left	LED 1 rechts LED 1 right	LED Code

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
Kontaktfläche / Contact finish: Au, 0,8 µm (30 µin), über Ni /
Au, 0,8 µm (30 µin), over Ni
Anschlussfläche / Terminal finish: Sn matt /Sn matte
Mechanische Eigenschaften / Mechanical characteristics:
Lebensdauer /Durability: 1000 Steckzyklen /1000 mating cycles
Betriebstemperatur /Operating temperature: 0°C to 70°C

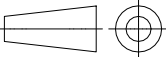
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B S ADRUSH 04NOV2022	TE Connectivity		
		CHK N MANTIKOU 06NOV2022			
DIMENSIONS: mm [INCHES]		APVD J DE BRUIJN 06NOV2022	NAME Mod Jack MJIMV 1x1 8C10T VERTICAL INT MAG LED		
		PRODUCT SPEC 108-94889	RESTRICTED TO		
		APPLICATION SPEC 114-94780	SIZE A3	CAGE CODE 00779	DRAWING NO C-203342-E
MATERIAL -		WEIGHT -	SCALE NTS		
		CUSTOMER DRAWING			SHEET 1 of 2
					REV B2

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:
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 B S ADRUSH	04NOV2022	 TE Connectivity		
		CHK N MANTIKOU	06NOV2022			
	DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME		
		0 PLC $\pm$ – 1 PLC $\pm$ – 2 PLC $\pm$ 0.20 [0.008] 3 PLC $\pm$ – 4 PLC $\pm$ – ANGLES $\pm$ –		MOd Jack MJIMV 1x1 8C10T VERTICAL INT MAG LED		
	MATERIAL	FINISH		PRODUCT SPEC		
	–	–		108–94889		
				APPLICATION SPEC		
				114–94780		
				WEIGHT	–	RESTRICTED TO
				A300779C–203342–E		
				CUSTOMER DRAWING		
				SCALE	NTS	SHEET
				2 OF 2		REV
				B2		