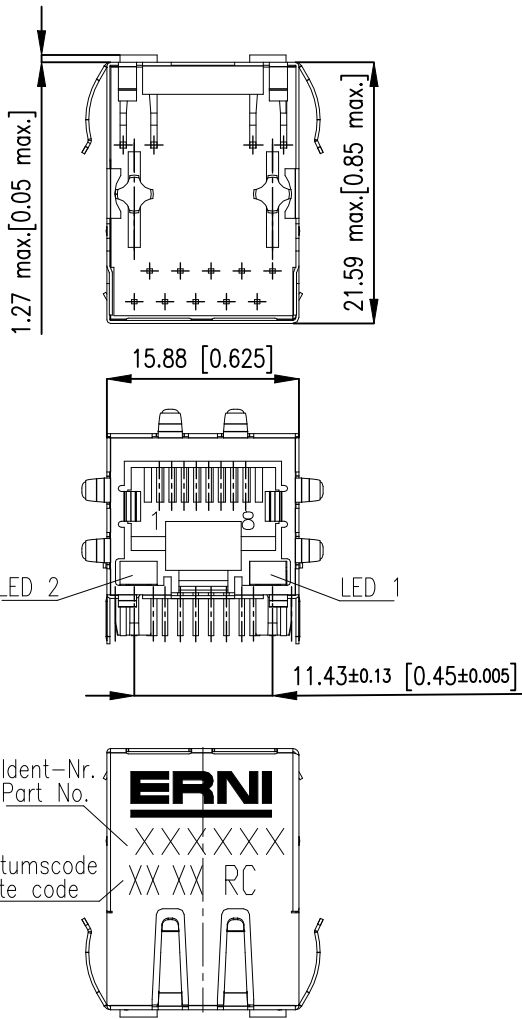
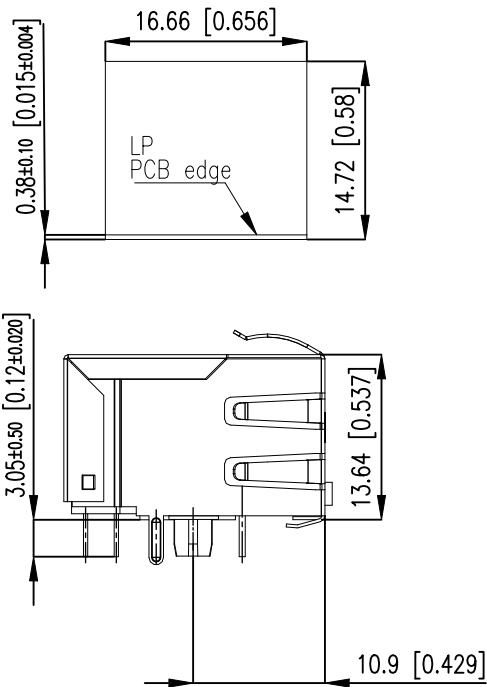


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A2	GENERAL TOLERANCE ADDED	04JAN2024	NK	JDB

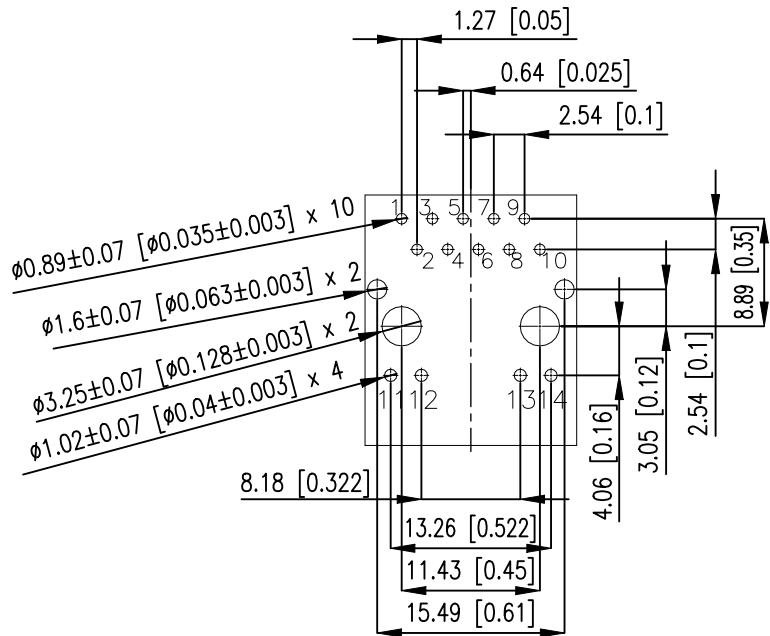
D



Empfohlener Frontplatten Ausschnitt
Recommended panel cutout



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



D

C

C

B

B

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
Elektrische Kennwerte / Electrical characteristics
Durchgangswiderstand / Contact resistance : 30 Milliohms max
Betriebstemperatur / Operating temperature -40°C to +85°C

LED Anweisung
LED Specifications

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

Bemerkung 1 / Note 1 : Layout-Schirmanschlüsse hinten 3,05 mm (R) /
shield terminations in rear area 3.05mm (R)
Bemerkung 2 / Note 2 : Schirmkontakte an beiden Seiten, oben und unten (GF5) /
shield contacts on both sides, top and bottom (GF5)
Bemerkung 3 / Note 3 : RoHS-konform: Aufdruck "RC" mit Datumscode /
RoHS compliant: print "RC" with date code

203475-E	gelb / yellow	grün / green	L1
Ident - Nr. Part no.	LED 2 links LED 2 left	LED 1 rechts LED 1 right	LED Code

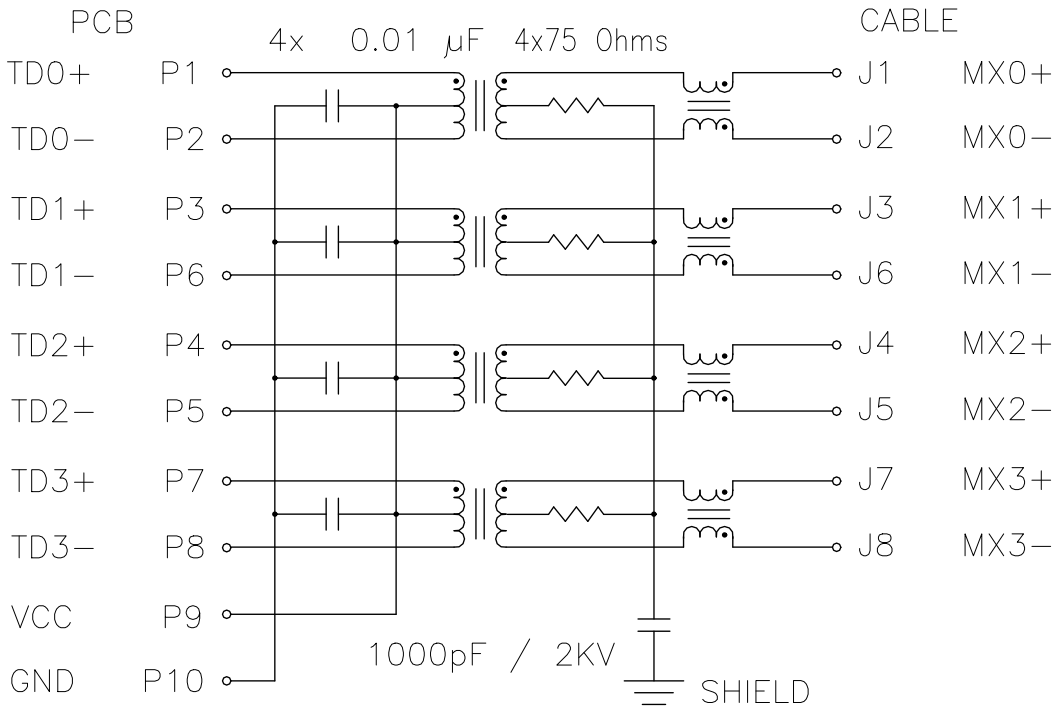
A

A

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN N K NIKHIL 07NOV2022	TE Connectivity	
		CHK N MANTIKOU 09NOV2022		
DIMENSIONS: mm [INCHES]		APVD J DE BRUIJN 09NOV2022	NAME Mod Jack MJIM 8C10T 1x1 INT. MAG LED ALIGN.	
		PRODUCT SPEC 108-94889	SIZE A3	
		APPLICATION SPEC 114-94780	CAGE CODE 00779	
MATERIAL -		WEIGHT -	DRAWING NO C-203475-E	
		CUSTOMER DRAWING		RESTRICTED TO -
		SCALE NTS		SHEET 1 of 2
		REV A2		

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

Elektrischer Schaltplan 1000 BASE T – H5B02
Electrical schematics 1000 BASE T – H5B02



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

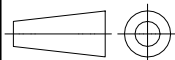
THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN N K NIKHIL 07NOV2022
CHK N MANTIKOU 09NOV2022



DIMENSIONS:
mm [INCHES]

TOLERANCES UNLESS
OTHERWISE SPECIFIED:



0 PLC $\pm$ –
1 PLC $\pm$ –
2 PLC $\pm$ 0.20 [0.008]
3 PLC $\pm$ –
4 PLC $\pm$ –
ANGLES $\pm$ –

MATERIAL

FINISH

–

–

APVD J DE BRUIJN
PRODUCT SPEC

108–94889

APPLICATION SPEC

114–94780

WEIGHT

–

NAME
Mod Jack
MJIM
8C10T 1x1 INT. MAG LED ALIGN.

SIZE CAGE CODE DRAWING NO RESTRICTED TO
A3 00779 C–203475–E –

CUSTOMER DRAWING SCALE NTS SHEET 2 OF 2 REV A2