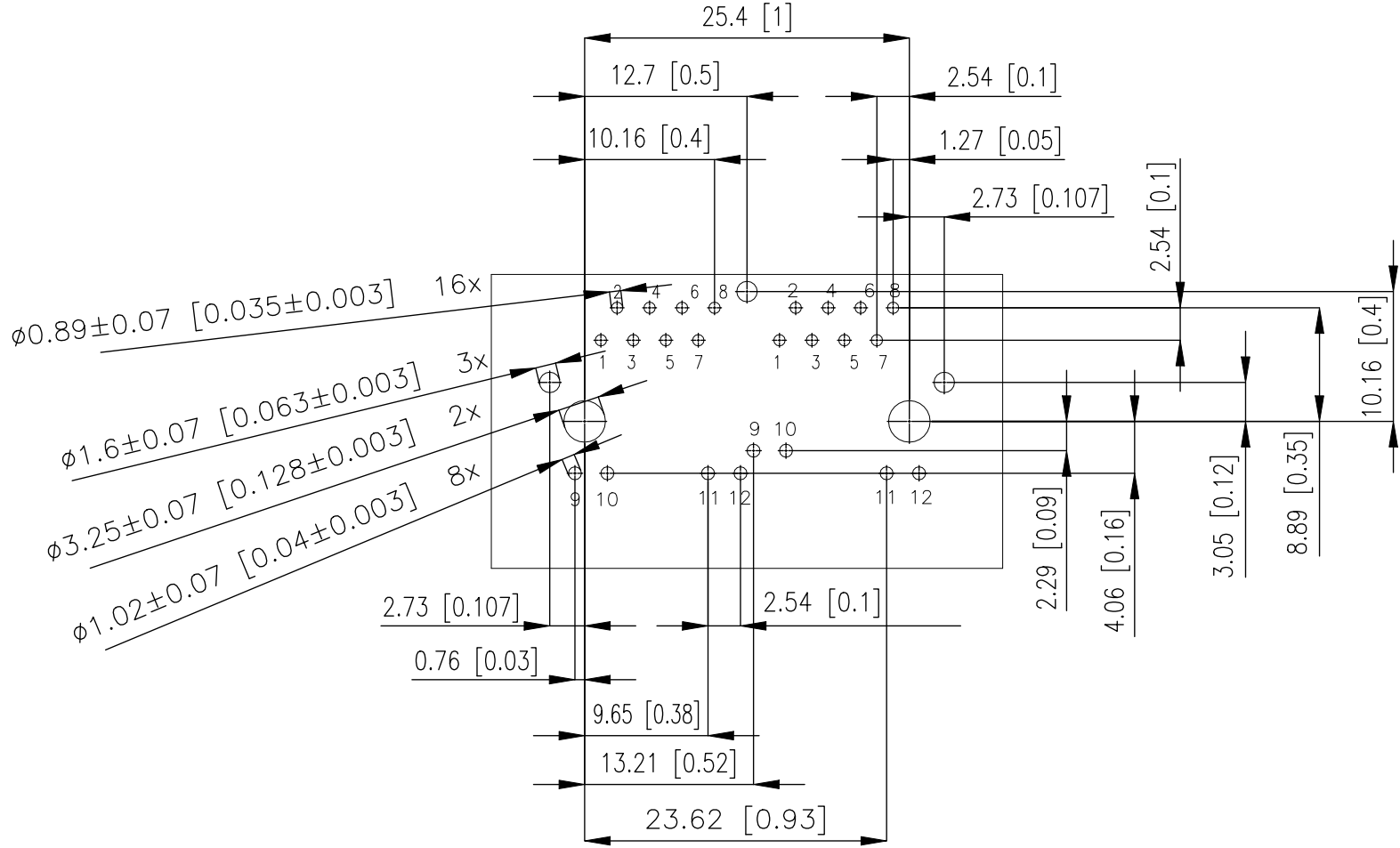
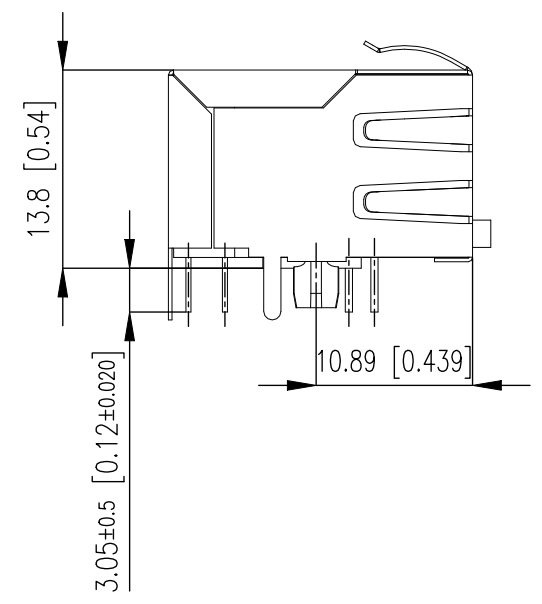
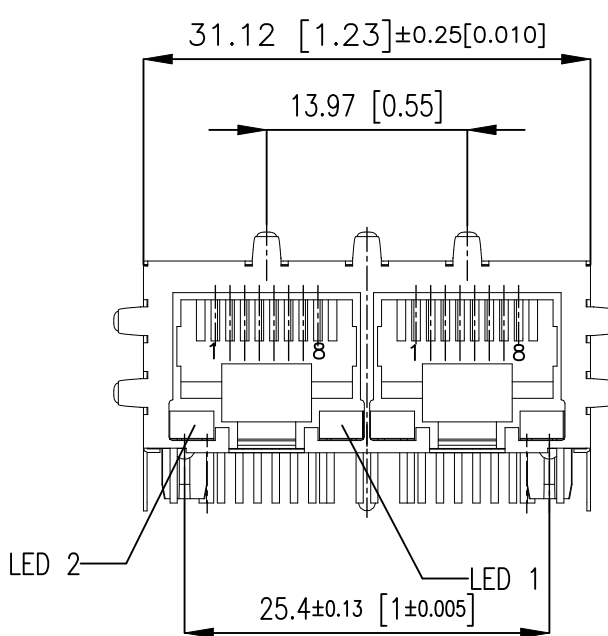
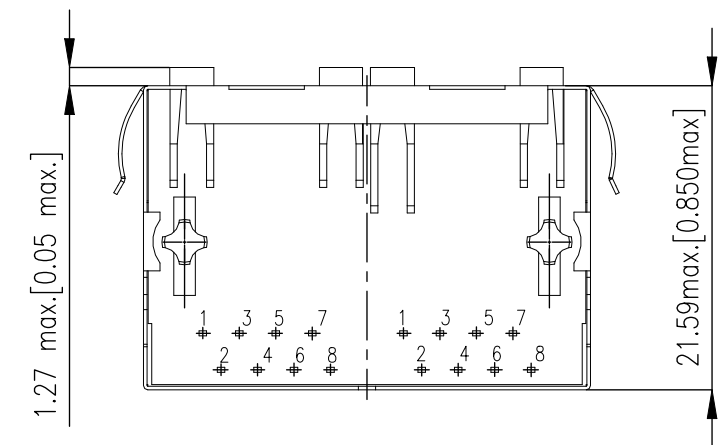
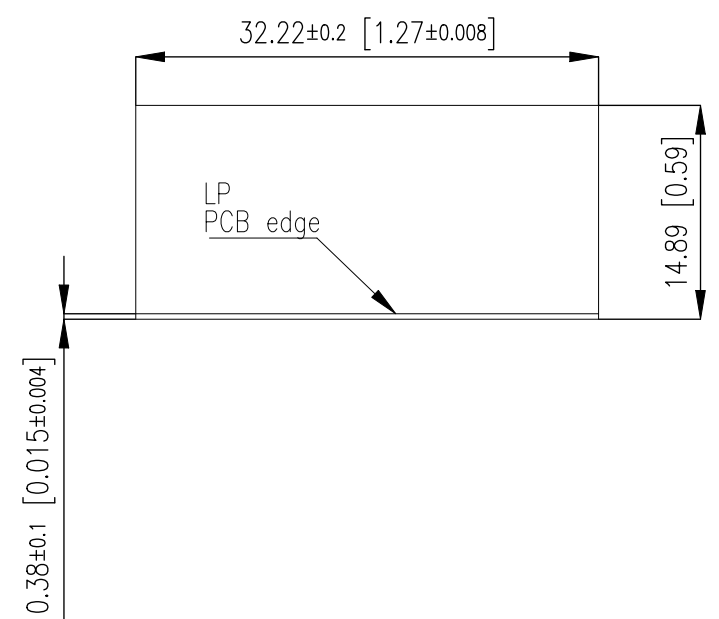


P	LTR	DESCRIPTION	DATE	DWN	APVD
	B1	GENERAL TOLERANCE ADDED	04JAN2024	ASB	JDB

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



Empfohlener Frontplatten Ausschnitt
Recommended panel cutout



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
Betriebstemperatur / Operating temperature: -40C to 85°C

NOTE 1: ONE REAR SHIELD TAB CENTERED
NOTE 2: SIDE GROUND TAB REAR OF PEG 3.05 mm (R)
NOTE 3: PANEL GROUND FLANGES BOTH SIDES AND TOP (GF5)

LED Anweisung
LED Specifications

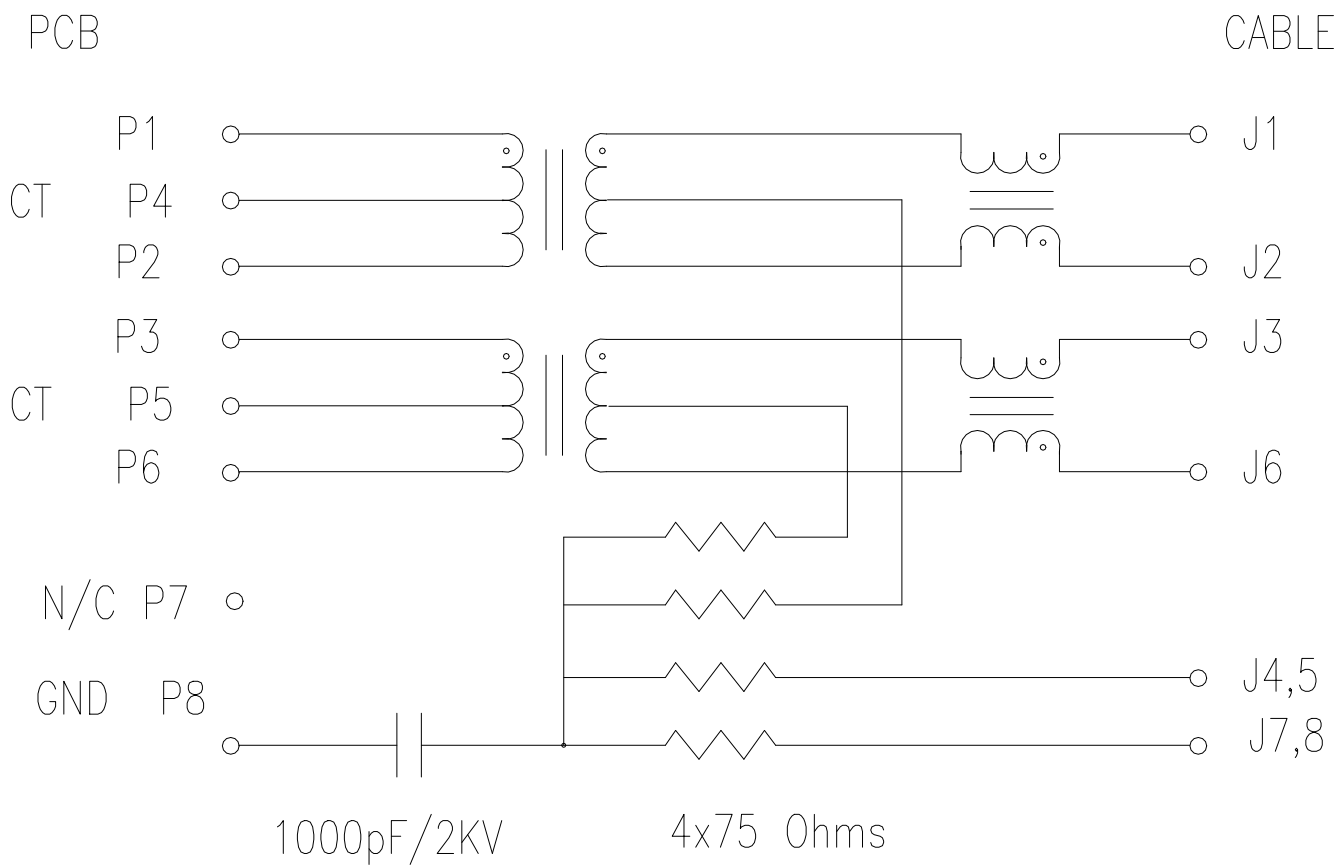
gelb /yellow	2,1	2,5	20		
grün /green	2,2	2,5	20		
Farbe Color	Vf Typ	Vf Max	If mA	Schaltplan circuit diagram	

	203544-E	green	yellow	L2
OBSOLET	203407-E	green	green	L3
Ident - Nr. Part no.	LED 2 links LED 2 left	LED 1 rechts LED 1 right	LED Code	

THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN B S ADRUSH 11NOV2022	TE Connectivity			
				CHK N MANTIKOU 13NOV2022				
				APVD J DE BRUIJN 13NOV2022	NAME			
DIMENSIONS: mm [INCHES]				PRODUCT SPEC 108-94889	Modular Jack MJIM 8C8T 1x2 INT. MAG LED ALIGNED			
				APPLICATION SPEC 114-94780				
MATERIAL				WEIGHT	SCALE	CAGE CODE	DRAWING NO	RESTRICTED TO
-				-	A2	00779	C=203544-E	-
CUSTOMER DRAWING						SHEET	1 of 2	REV
						NTS		B1

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

Elektrischer Schaltplan.– 10/100 BASE TX H3D01
Electrical schematic– 10/100 BASE TX H3D01
EXTENDED TEMPERATURE RANGE



Magnetische Spezifikationen @ 25°C
Magnetics specifications @ 25°C
Auto MDIX kompatibel / Auto MDIX compatible
Windungsverhältnis / Turns ratio: 1CT:1CT ±3%
(P1–P2 : J1–J2) 1CT:1CT ±3%
(P3–P6 : J3–J6) 1CT:1CT ±3%
OCL (100 KHz, 0.1 Vrms, 8 mA)
(P1–P2 , P3–P6) 350 µH MIN
DCR (P1–P2, P3–P6) 1.1 Ohms MAX
Einfügungsdämpfung / Insertion loss:
0.1–100 MHz –1.1 dB MAX
Rückflussdämpfung / Return loss:
0.5–30 MHz –18 dB MIN
40 MHz –15.5 dB MIN
50 MHz –13.6 dB MIN
60–80 MHz –12 dB MIN
Übersprechen / Crosstalk:
0.1–100 MHz –40 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 B S ADRUSH 11NOV2022	TE Connectivity		
		CHK N MANTIKOU 13NOV2022			
		APVD J DE BRUIJN 13NOV2022	NAME Modular Jack MJIM 8C8T 1x2 INT. MAG LED ALIGNED		
DIMENSIONS: mm [INCHES]		TOLERANCES, UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC 108–94889	SIZE A2	RESTRICTED TO —
		0 PLC ± – 1 PLC ± – 2 PLC ± 0.20 [0.008] 3 PLC ± – 4 PLC ± – ANGLES ± –	APPLICATION SPEC 114–94780	CAGE CODE 00779	
MATERIAL —		FINISH —	WEIGHT —	DRAWING NO C=203544–E	REV B1
CUSTOMER DRAWING			SCALE NTS	SHEET 2 OF 2	