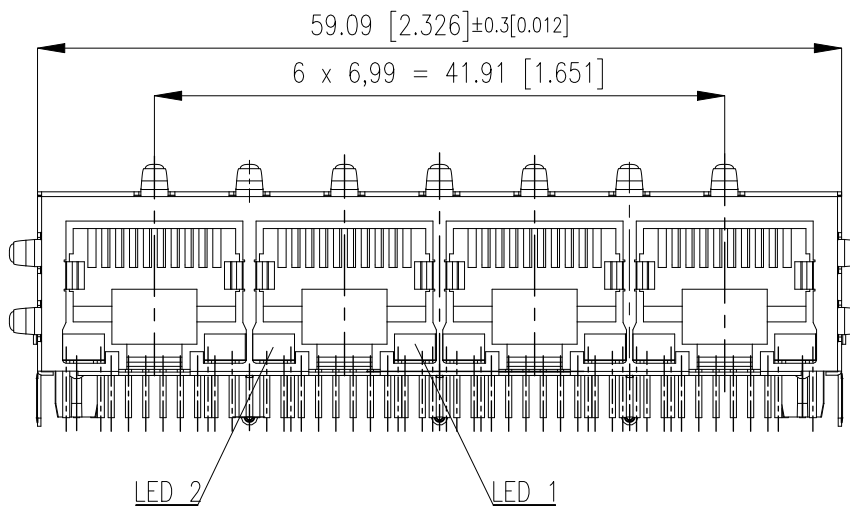
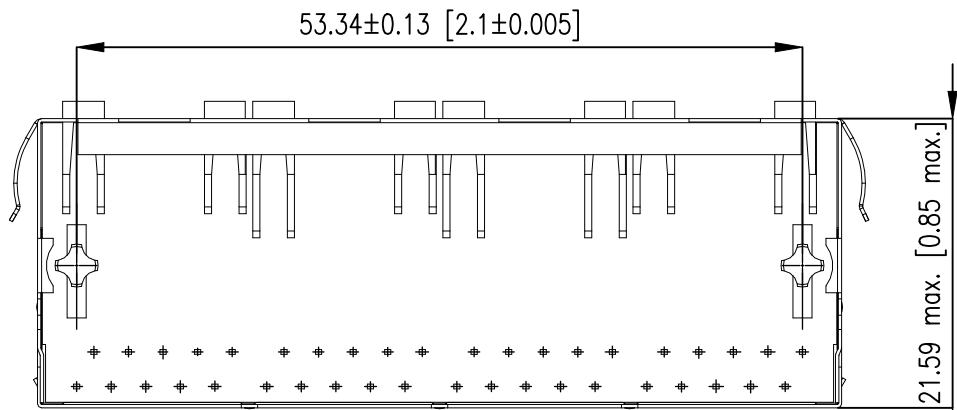
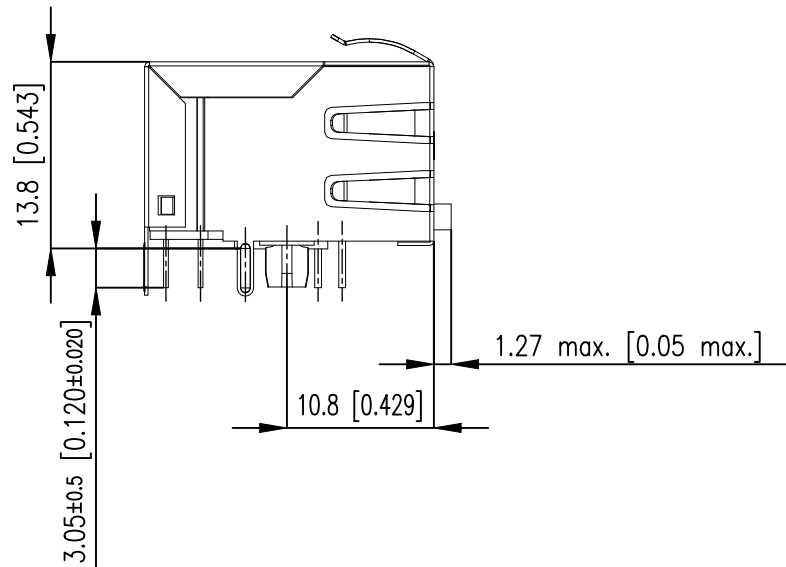
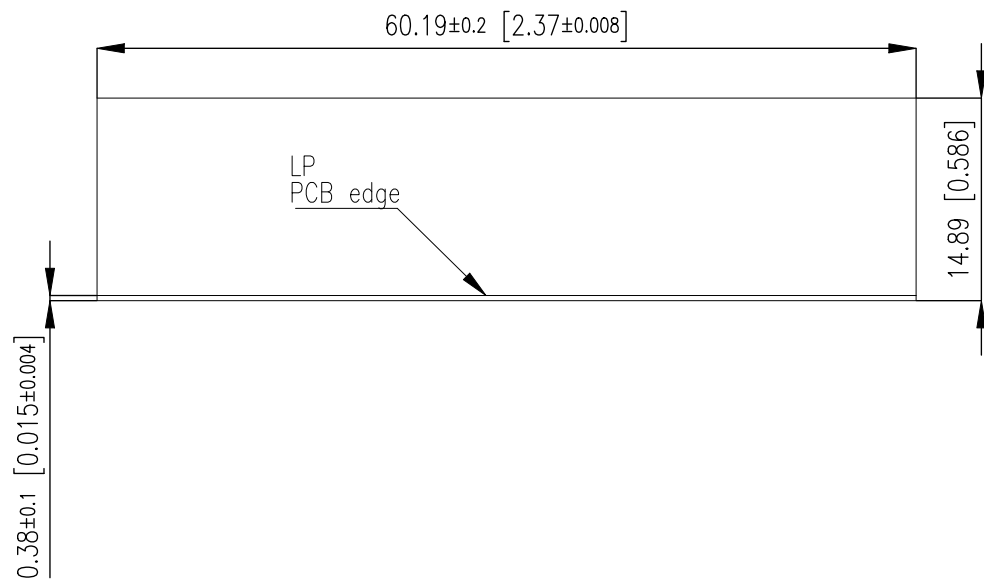


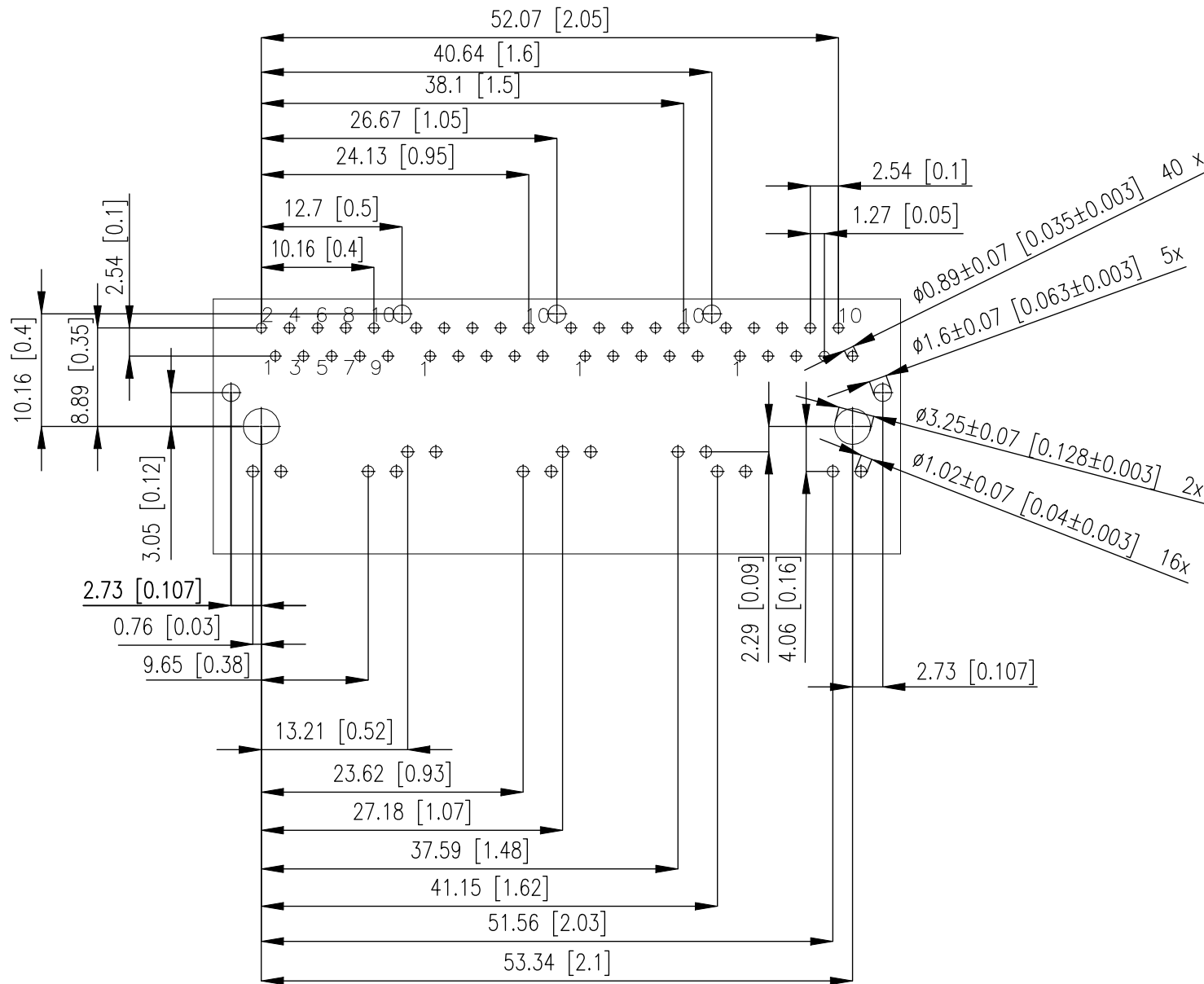
P	LTR	DESCRIPTION	DATE	DWN	APVD
	C1	GENERAL TOLERANCE ADDED	04JAN2024	NK	JDB



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



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 diagram	

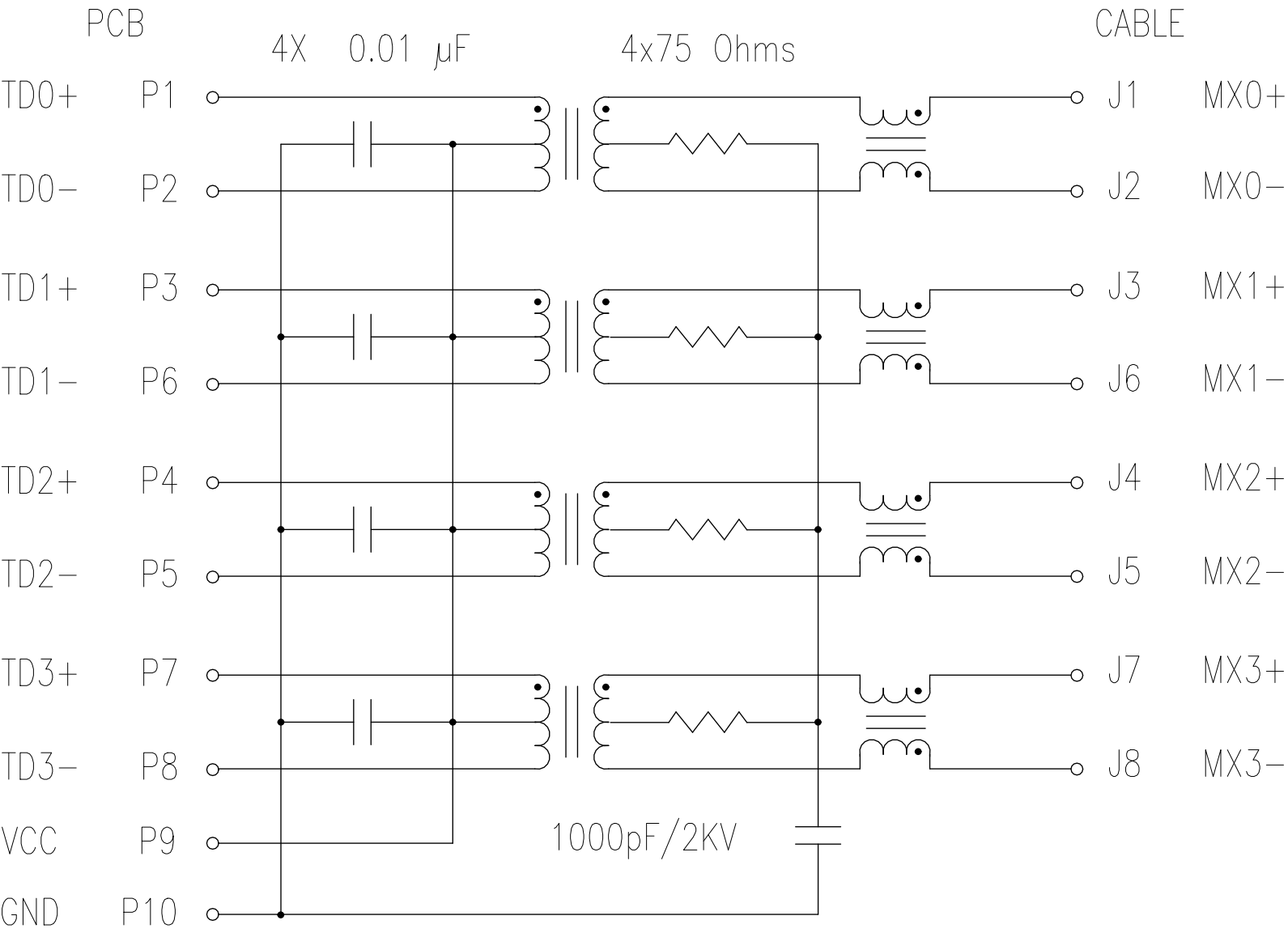
	203301-E	gelb / yellow	grün /green	L1
OBSOLET	203272-E	grün /green	gelb / yellow	L2
	203302-E	grün /green	grün /green	L3
OBSOLET	203303-E	grün /green	rot /red	L4
OBSOLET	203304-E	orange / grün orange / green	orange / grün orange / green	L9
	Ident – Nr. Part no.	LED 2 links LED 2 left	LED 1 rechts LED 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
Mechanische Eigenschaften / Mechanical characteristics:
Lebensdauer / Durability: 1000 Steckzyklen / 1000 mating cycles
Elektrische Kennwerte / Electrical characteristics:
Betriebstemperatur / Operating temperature: 0°C to +70°C

THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN B S ADRUSH 09NOV2022	TE Connectivity			
				CHK N MANTIKOU 11NOV2022				
DIMENSIONS: mm [INCHES]				APVD J DE BRUIJN 11NOV2022	NAME			
				PRODUCT SPEC 108-94889	Modular Jack MJIM 8C10T 1x4 INT. MAG LED			
				APPLICATION SPEC 114-94780				
MATERIAL				WEIGHT	SIZE A2	CAGE CODE 00779	DRAWING NO C=203301-E	RESTRICTED TO —
FINISH				CUSTOMER DRAWING	SCALE NTS	SHEET 1 of 2	REV C1	

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

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



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

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

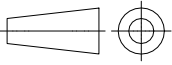
Einfügungsdämpfung / Insertion loss:
1-100 MHz -1.1 dB MAX

Reflexionsdämpfung / 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 B S ADRUSH 09NOV2022	 TE Connectivity			
		CHK N MANTIKOU 11NOV2022				
		APVD J DE BRUIJN 11NOV2022	NAME			
		PRODUCT SPEC 108-94889	Modular Jack			
		APPLICATION SPEC 114-94780	MJIM			
			8C10T 1x4 INT. MAG LED			
DIMENSIONS: mm [INCHES]		TOLERANCES, UNLESS OTHERWISE SPECIFIED:	SIZE A2	CAGE CODE 00779	DRAWING NO C-203301-E	RESTRICTED TO -
		0 PLC $\pm$ - 1 PLC $\pm$ - 2 PLC $\pm$ 0.20 [0.008] 3 PLC $\pm$ - 4 PLC $\pm$ - ANGLES $\pm$ -	WEIGHT -	SCALE NTS	SHEET 2 OF 2	REV C1
MATERIAL -		FINISH -	CUSTOMER DRAWING			