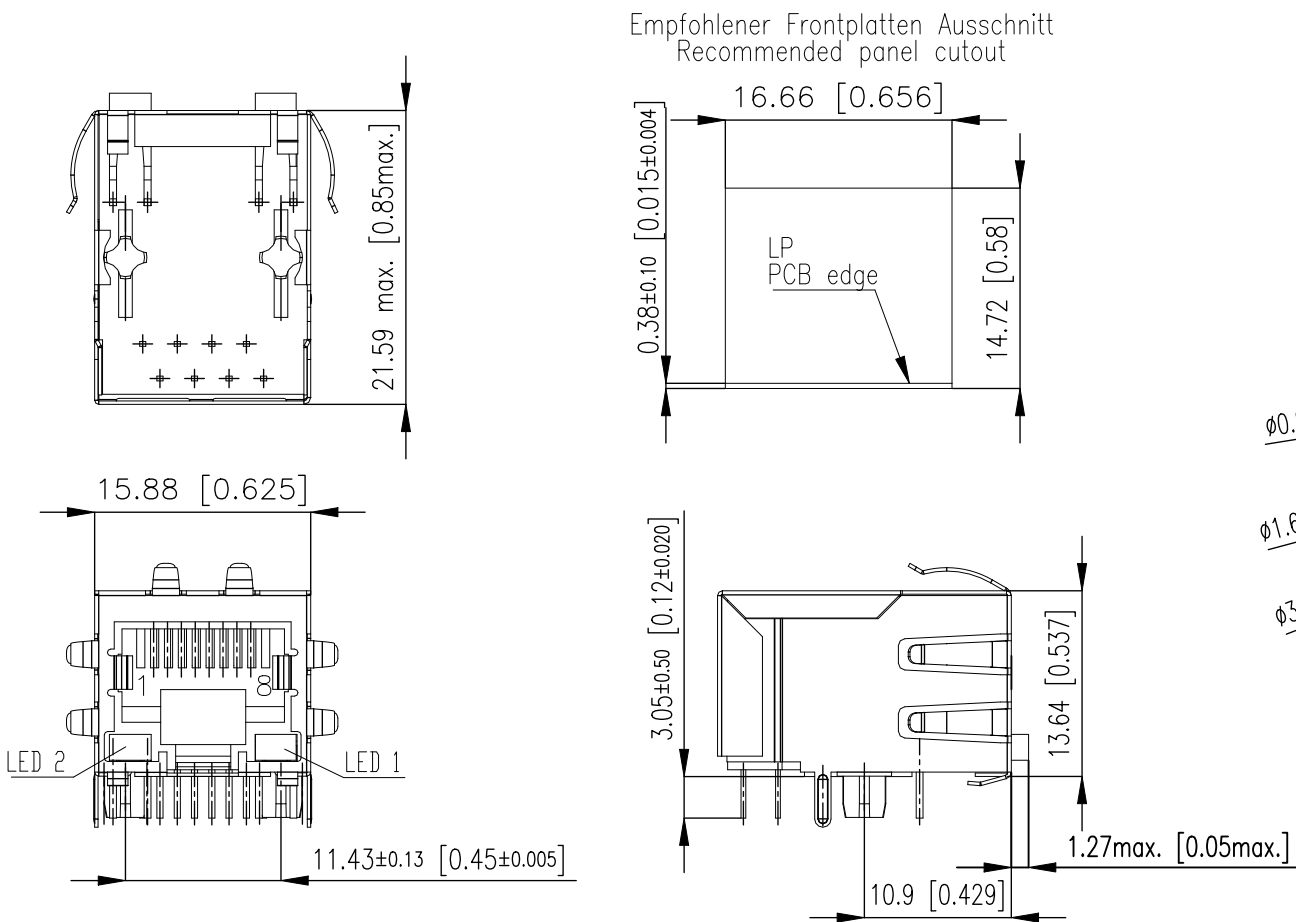


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	C1	GENERAL TOLERANCE ADDED	04JAN2024	NK	JDB

D



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 Milloohms max
Betriebstemperatur /Operating temperature: 0°C to 70°C

LED Anweisung
LED Specifications

gelb /yellow	2,1	2,5	20	9 10 11 12	9 10 11 12
grün /green	2,2	2,5	20	9 10 11 12	9 10 11 12
rot / red	2,25	2,5	20	9 10 11 12	9 10 11 12
orange / grün orange / green	2,05 / 2,2	2,5	20	9 10 11 12	9 10 11 12
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 und oben (GF5) /
shield contacts on both sides and top (GF5)

	203198–E	gelb /yellow	grün /green	L1
	203199–E	grün /green	gelb /yellow	L2
OBSOLETED	203200–E	grün /green	grün /green	L3
OBSOLETED	203201–E	rot / red	grün /green	L5
OBSOLETED	203202–E	gelb /yellow	gelb /yellow	L8
OBSOLETED	203203–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

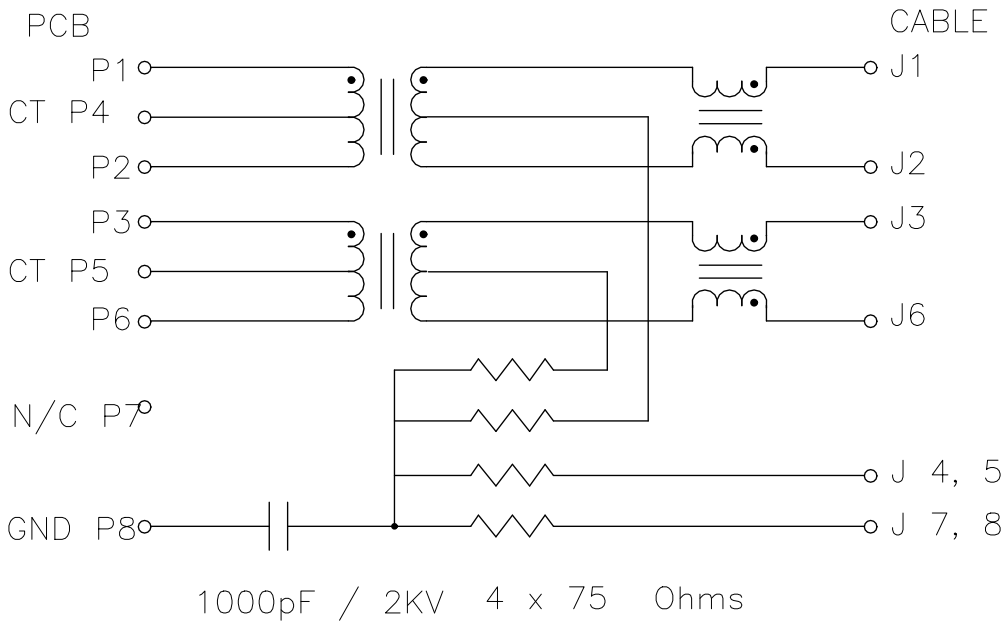
A

A

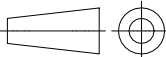
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B S ADRUSH 22AUG2022	TE Connectivity		
		CHK N MANTIKOU 24AUG2022			
		APVD J DE BRUIJN 24AUG2022			
		PRODUCT SPEC 108–94889			
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:	NAME MOD JACK MJIM 8P8T. 1X1 INT.MAG LED Aligned		
	0 PLC ± – 1 PLC ± – 2 PLC ± 0.20 [0.008] 3 PLC ± – 4 PLC ± – ANGLES ± –		SIZE 114–94780		
	FINISH		CAGE CODE A300779		
MATERIAL –		WEIGHT –		DRAWING NO C–203199–E	
CUSTOMER DRAWING			RESTRICTED TO –	SCALE NTS	
			SHEET 1 OF 2		REV C1

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

Elektrischer Schaltplan M3D01
Electrical schematic M3D01



Magnetische Spezifikationen @ 25°C
Magnetics specifications @ 25°C
Auto MDIX kompatibel/Auto MDIX compatible
Windungsverhältnis / Turns ratio:
(P1–P2 : J1–J2) 1CT:1 ±3%
(P3–P6 : J3–J6) 1CT:1 ±3%
OCL (100 KHz, 0.1 Vrms, 8 mA)
(P1–P2 , P3–P6) 350 µH MIN
DCR (P1–P2, P3–P6) 0.9 Ohms MAX
Einfügungsdämpfung /Insertion loss:
0.1–100 MHz –1.1 dB MAX
Rückflusdämpfung /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:
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 22AUG2022		 TE Connectivity					
		CHK N MANTIKOU 24AUG2022							
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± – 1 PLC ± – 2 PLC ± 0.20 [0.008] 3 PLC ± – 4 PLC ± – ANGLES ± –		NAME MOD JACK MJIM 8P8T. 1X1 INT.MAG LED Aligned					
									
MATERIAL –		FINISH –		PRODUCT SPEC 108–94889		SIZE A3	CAGE CODE 00779	DRAWING NO C–203199–E	RESTRICTED TO –
				APPLICATION SPEC 114–94780					
				WEIGHT –					
CUSTOMER DRAWING						SCALE NTS	SHEET 2 of 2	REV C1	