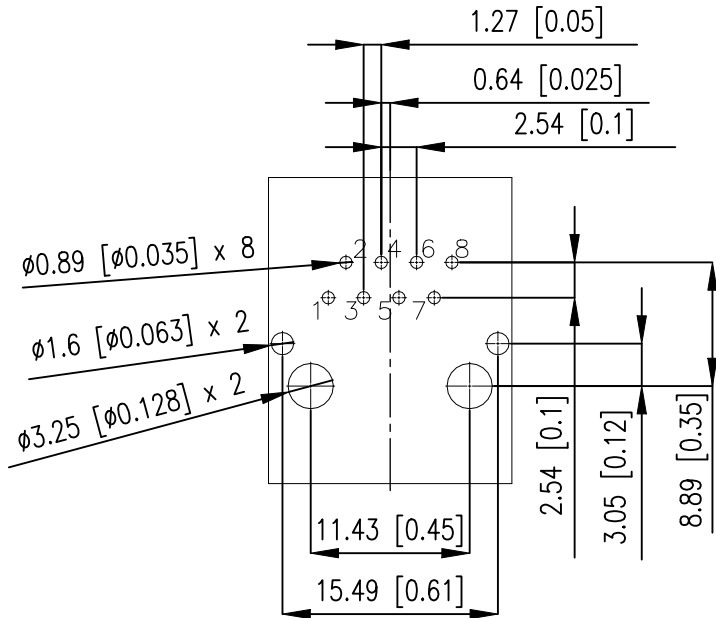
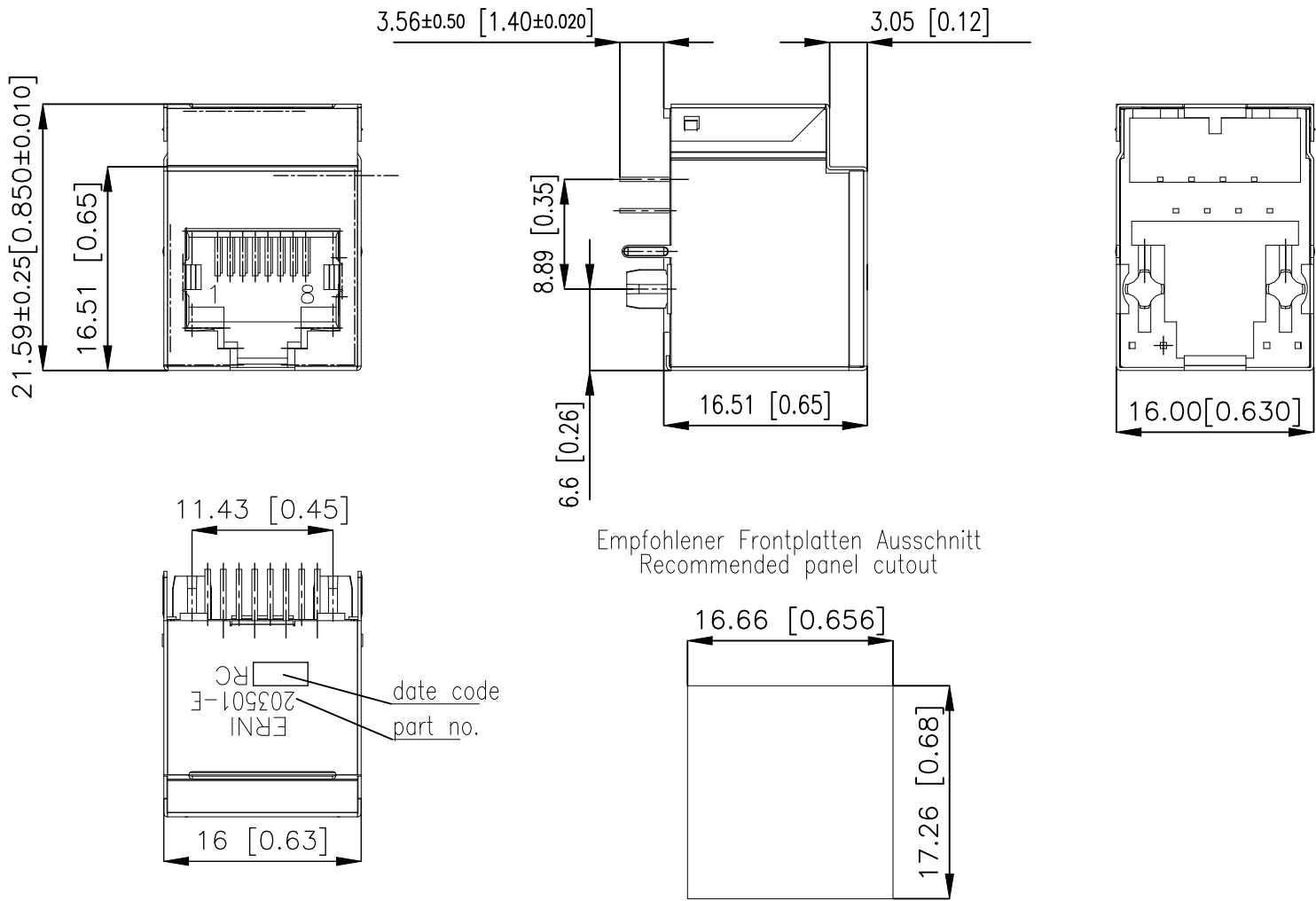


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	C1	GENERAL TOLERANCE ADDED	04JAN2024	NK	JDB

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



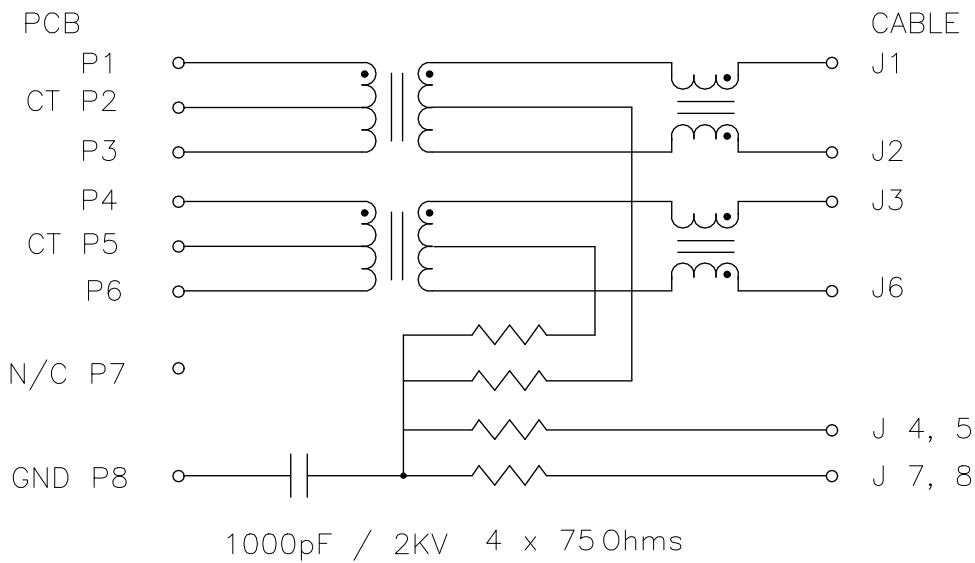
Materialien und Ausführung /Materials and finish:
Gehäuse / Housing : glasgefülltes Polyester UL 94 V-0 SCHWARZ /
glass filled polyester UL 94 V-0 BLACK
Abschirmung / Shielding : Cu-Legierung, beschichtet mit Ni /
Cu alloy, plated with Ni
Kontakte / Contacts : Phosphor bronze
Kontaktoberfläche / Contact 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 :
Dauerhaftigkeit / Durability : 1000 Steckzyklen / 1000 mating cycles
Elektrische Kennwerte / Electrical characteristics:
Durchgangswiderstand / Contact resistance : 30 Milloohms max
Betriebstemperatur / Operating temperature : -40°C to +85°C

203501-E	keine /none	keine / none	keine /none
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 N K NIKHIL 29NOV2022	 TE Connectivity						
		CHK N MANTIKOU 01DEC2022							
DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD J DE BRUIJN 01DEC2022	NAME Mod Jack MJIMV 8C8T 1x1 INT. MAG VERTICAL —						
		PRODUCT SPEC 108—94889							
	0 PLC ± — 1 PLC ± — 2 PLC ± 0.20 [0.008] 3 PLC ± — 4 PLC ± — ANGLES ± —	APPLICATION SPEC 114—94780	SIZE		CAGE CODE	DRAWING NO	RESTRICTED TO		
		WEIGHT —	A3		00779	C—203501—E	—		
MATERIAL —		FINISH —	CUSTOMER DRAWING						
		SCALE			NTS	SHEET	1 OF 2	REV	C1

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

Elektrischer Schaltplan 10/100 Basis TX - H3D02
Electrical schematic - 10/100 Base TX - H3D02
Erweiterter Temperaturbereich / Extended temperature range



Magnetische Spezifikationen @ 25°C /
Magnetics specifications @ 25°C
Auto MDIX kompatibel / Auto MDIX compatible
Windungsverhältnis /
Turns ratio:
(P1-P3 : J1-J2) 1CT:1 ±3%
(P4-P6 : J3-J6) 1CT:1 ±3%
OCL (100 KHz, 0.1 Vrms, 8 mA)
(P1-P3 , P4-P6) 350 µH MIN
DCR (P1-P3, P4-P6) 1.1 Ohms MAX
Einfügungsdämpfung /Insertion loss:
0.1 MHz - 100 MHz -1.1 dB MAX
Rückflusdämpfung /Return loss:
0.5 MHz - 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 MHz - 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 N K NIKHIL 29NOV2022		 TE Connectivity											
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME											
		CHK N MANTIKOU 01DEC2022		Mod Jack MJIMV 8C8T 1x1 INT. MAG VERTICAL											
		APVD J DE BRUIJN 01DEC2022													
		PRODUCT SPEC 108-94889													
		APPLICATION SPEC 114-94780		SIZE		CAGE CODE		DRAWING NO		RESTRICTED TO					
MATERIAL -		FINISH -		WEIGHT -		A3		00779		C-203501-E		-			
CUSTOMER DRAWING										SCALE NTS		SHEET 2 of 2		REV C1	