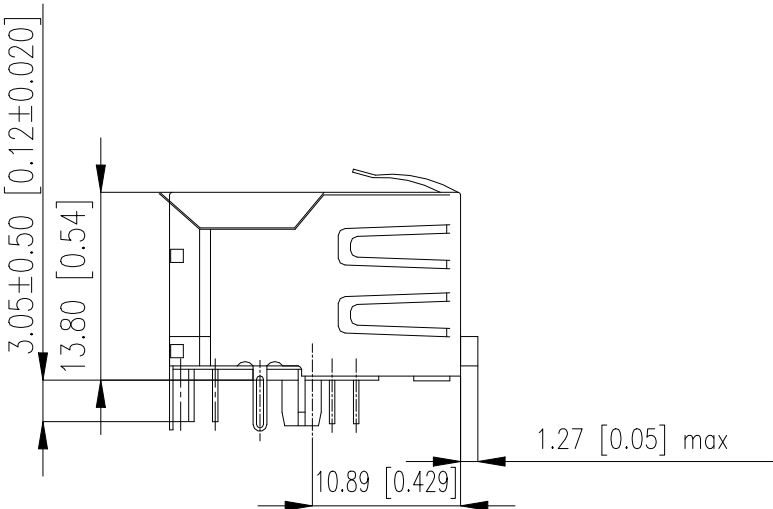
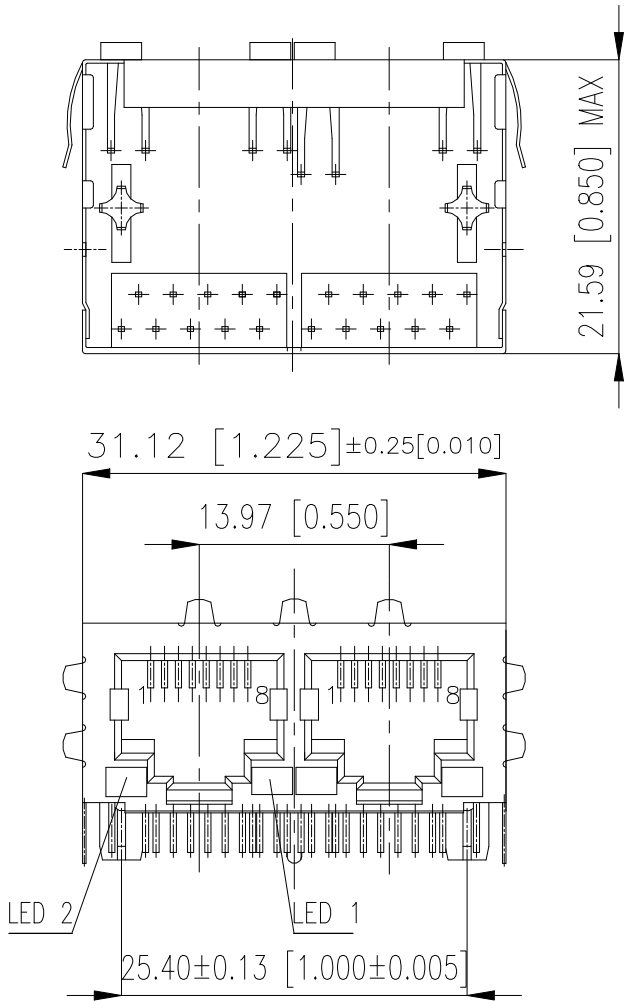
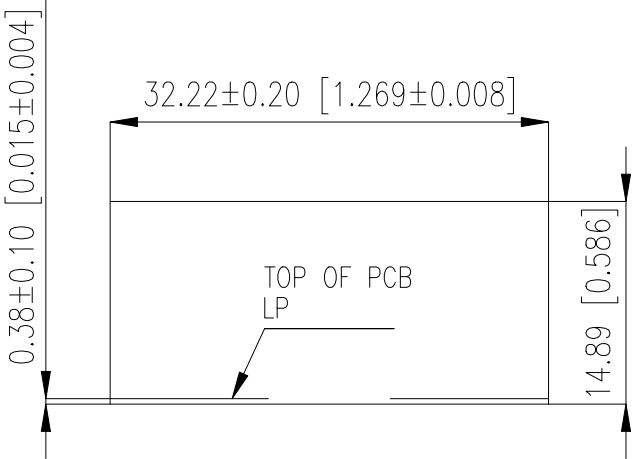


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	C1	GENERAL TOLERANCE ADDED	04JAN2024	NK	JDB

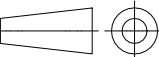
RECOMMENDED PANEL CUTOUT
EMPFOHLENER FRONTPLATTEN AUSSCHNITT



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)
NOTE 4: RoHS COMPLIANT

MATERIALS AND FINISH
HOUSING: GLASS FILLED POLYESTER UL 94 V-0 BLACK
SHIELDING: Cu ALLOY, PLATED WITH Ni
CONTACTS: PHOSPHOR BRONZE
CONTACT FINISH: Au, 0.8 µm (30 µin) OVER Ni
TERMINAL FINISH: Sn MATTE
LED LENS: EPOXY
OPERATING TEMPERATURE: 0°C TO 70°C

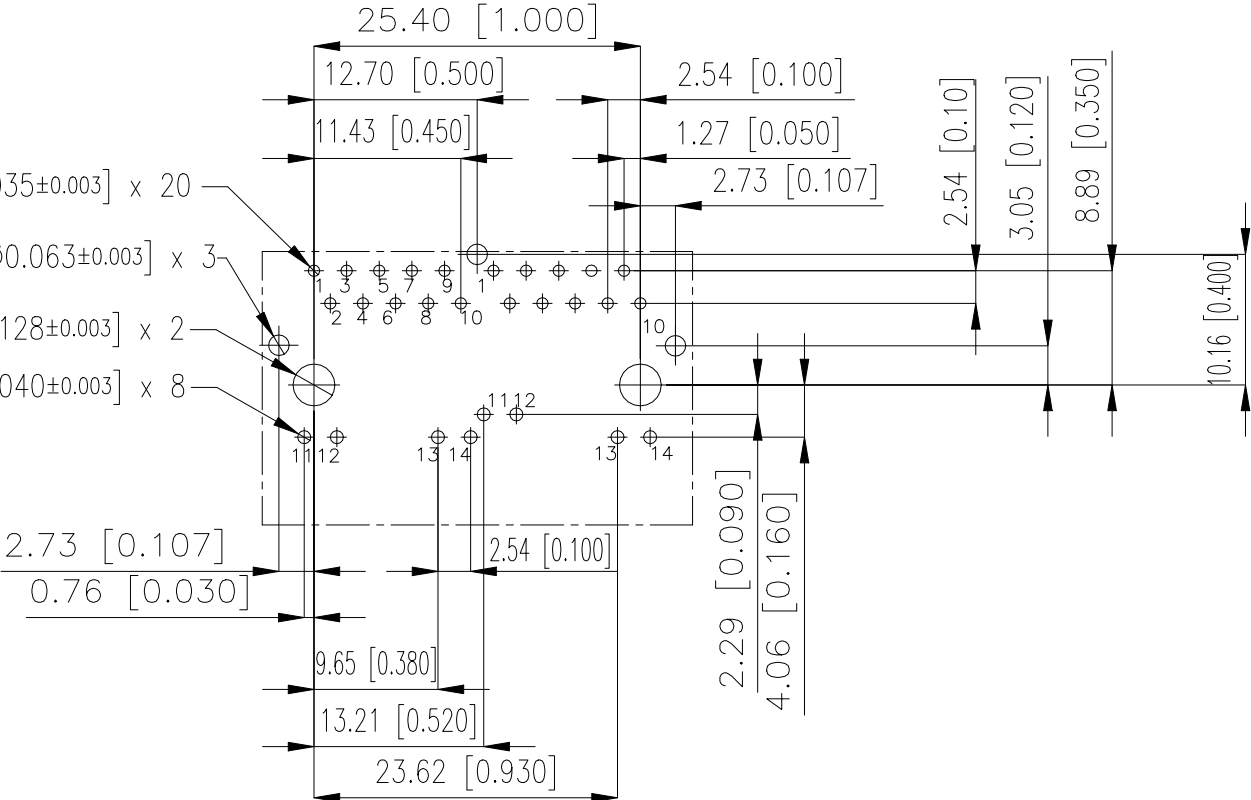
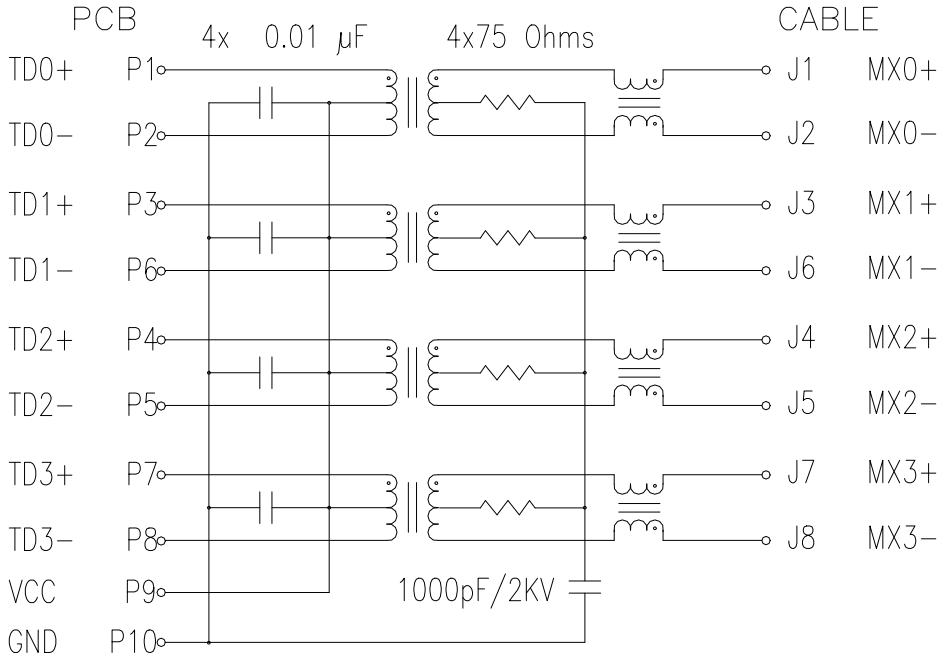
	NO. IDENT. NR.	LED 2 LEFT LED 2 LINK	LED 1 RIGHT LED 1 RECHTE	LED CODE
	203306-E	YELLOW	GREEN	L1
OBSOLET	203307-E	GREEN	YELLOW	L2
OBSOLET	203308-E	GREEN	GREEN	L3
OBSOLET	203310-E	ORANGE/GREEN	ORANGE/GREEN	L9

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B S ADRUSH 18NOV2022	 TE Connectivity		
		CHK N MANTIKOU 20NOV2022			
		APVD J DE BRUIJN 20NOV2022	NAME MOD JACK – MJIM 8C10T, 1x2, INT. MAG., LED ALIGNED –		
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:			
		0 PLC ± – 1 PLC ± – 2 PLC ± 0.20 [0.008] 3 PLC ± – 4 PLC ± – ANGLES ± –			
MATERIAL –		FINISH –			
		PRODUCT SPEC 108–94889			
		APPLICATION SPEC 114–94780			
		WEIGHT –	SIZE A3	CAGE CODE 00779	DRAWING NO C–203306–E
		CUSTOMER DRAWING	SCALE NTS	SHEET 1 OF 2	REV C1

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

RECOMMENDED PCB LAYOUT – COMPONENT SIDE VIEW
EMPFOHLENES LEITERPLATTEN-LAYOUT – BESTÜCKUNGSSEITE
ALL TOLERANCES ±0.05 UNLESS NOTED

ELECTRICAL SCHEMATICS 1000 BASE T – M5B01
ELEKTRISCHER SCHALTPLAN



MAGNETICS SPECIFICATIONS @ 25°C
TURNS RATIO: 1CT:1CT ±3%
OCL(100 KHz, 0.1 V, 8 mA) 350 µH MIN
INSERTION LOSS:
1–100 MHz –1.1 dB MAX
RETURN LOSS:
1–40 MHz –18 dB MIN
60 MHz –14 dB MIN
80 MHz –12 dB MIN
100 MHz –10 dB MIN
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
ISOLATION 1500 Vrms

LED SPECIFICATIONS
LED ANWEISUNG

COLOR FARBE	V _f TYP	V _f MAX	I _f mA	CIRCUIT DIAGRAM SCHALTSKIZZE
YELLOW	2.1	2.5	20	
GREEN	2.2	2.5	20	
RED	2.25	2.5	20	
ORANGE/GREEN	2.05/2.2	2.5	20	

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B S ADRUSH 18NOV2022			
		CHK N MANTIKOU 20NOV2022			
		APVD J DE BRUIJN 20NOV2022	NAME MOD JACK – MJIM 8C10T, 1x2, INT. MAG., LED ALIGNED		
DIMENSIONS: mm [INCHES]		PRODUCT SPEC 108–94889	SIZE A3		
		APPLICATION SPEC 114–94780	CAGE CODE 00779		
		WEIGHT —	DRAWING NO C-203306–E		
MATERIAL —		FINISH —	RESTRICTED TO —		
		CUSTOMER DRAWING		SCALE NTS	SHEET 2 OF 2
				REV C1	