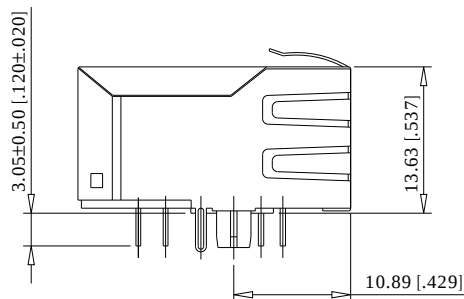
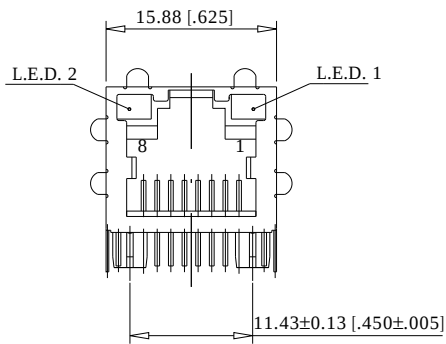
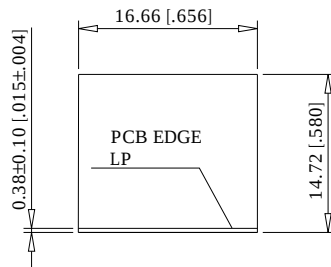


RECOMMENDED PANEL CUTOUT
EMPFOHLENER FRONTPLATTEN AUSSCHNITT



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: SnPb

LED LENS: EPOXY

MECHANICAL CHARACTERISTICS

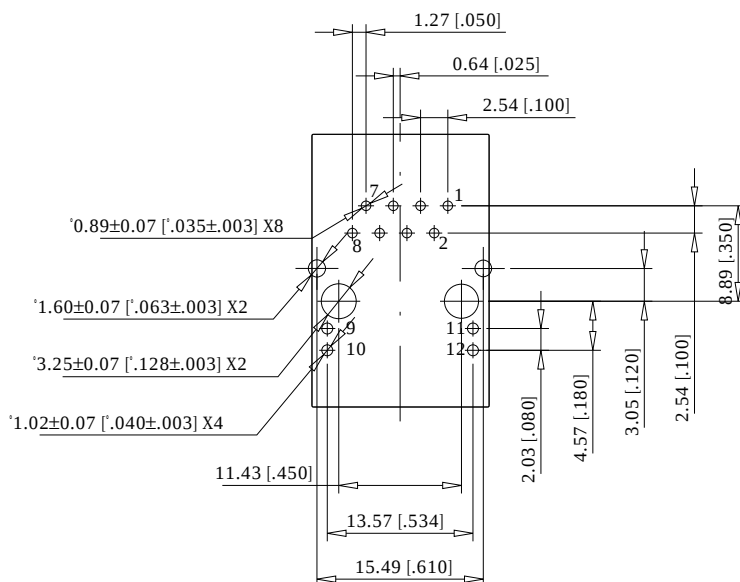
DURABILITY: 1000 MATING CYCLES

OPERATING TEMPERATURE: 0°C TO 70°C

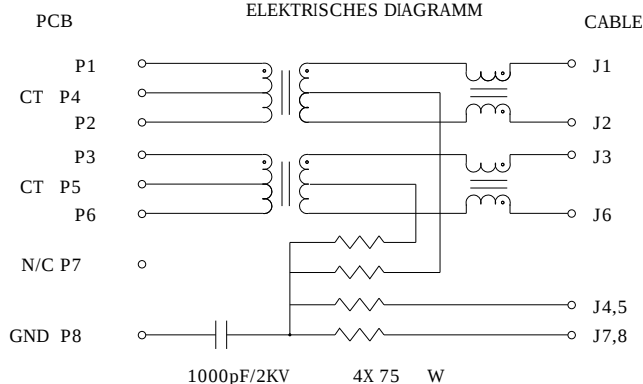
NO. IDENT. NR.	LED 2 LEFT LED 2 LINK	LED 1 RIGHT LED 1 RECHTE	LED CODE
203354	YELLOW	GREEN	L1
203355	GREEN	YELLOW	L2
203356	GREEN	GREEN	L3
203357	GREEN	RED	L4
203358	ORANGE/GREEN	ORANGE/GREEN	L9

Information:		Tolerances		Scale	2:1	-
SCHEMATIC NUMBER M3D01		All Dimensions in mm		-		
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		www.ERNI.com		MOD JACK - MJIMR		
				8C8T, 1X1, INT. MAG., LED, REVERSE LATCH		
				203353		I
-	-	-	-	MAXMJ		
Index		Date				

RECOMMENDED PCB LAYOUT (COMPONENT SIDE VIEW)
 EMPFOHLENER FUER LEITERPLATTE (BESTUECKUNGSSEITE)
 TOL ±0.05 [.002] UNLESS NOTED



ELECTRICAL SCHEMATIC M3D01
ELEKTRISCHES DIAGRAMM



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		

MAGNETICS SPECIFICATIONS @ 25°C

AUTO MDIX COMPATIBLE

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) 350μH MIN

DCR (P1-P2, P3-P6)

INSERTION LOSS:

INSERTION LOSS:

0.1-100 MHz -1.1 dB MAX

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

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

ISOLATION

1500 Vrms

Information:		Tolerances		 Scale 2:1	
		 All Dimensions in mm		-	
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		 www.ERNI.com		203353	
-		-			
Index		Date			

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