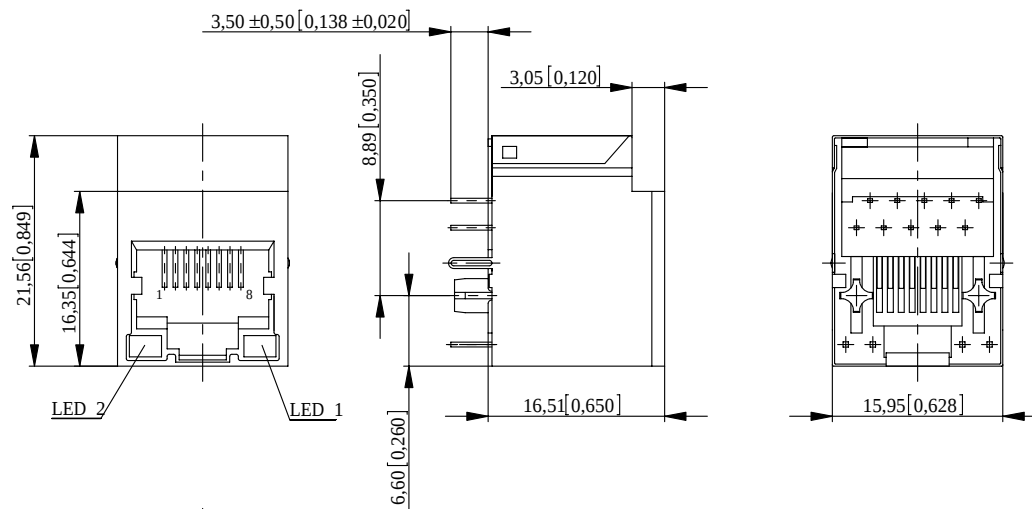
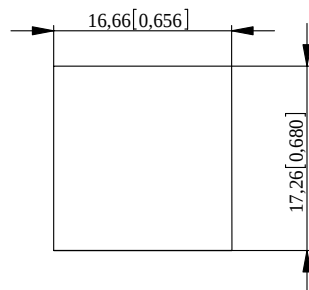


RECOMMENDED PANEL CUTOUT
EMPFOHLENER FRONTPLATTEN AUSSCHNITT



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: Sn MATTE

LED LENS: EPOXY

MECHANICAL CHARACTERISTICS

DURABILITY: 1000 MATING CYCLES

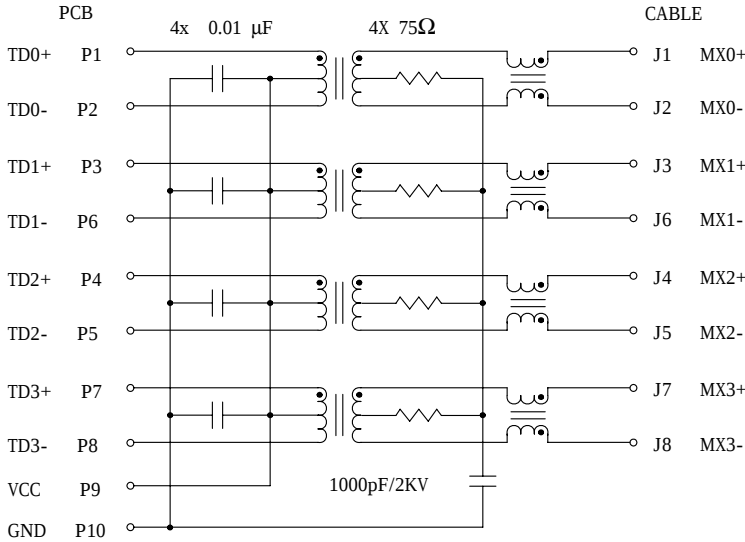
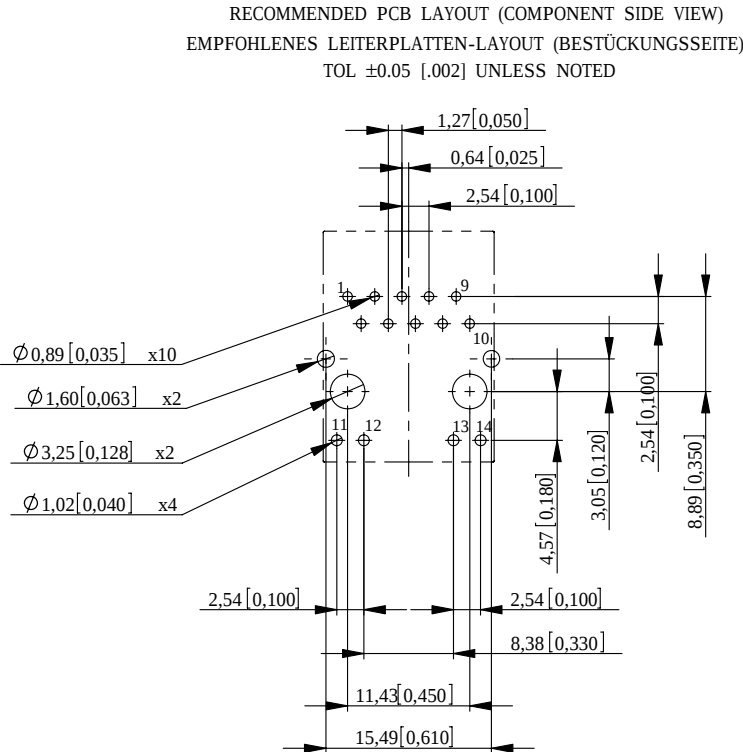
OPERATING TEMPERATURE: 0°C TO 70°C

NOTE 1: RoHS COMPLIANT; PRINT "RC" WITH DATE CODE

NO. IDENT.-NR.	LED 2 LEFT LED 2 LINKS	LED 1 RIGHT LED 1 RECHTS	LED CODE
203342	YELLOW	GREEN	L1
203343	GREEN	YELLOW	L2
203344	GREEN	GREEN	L3
203345	GREEN	RED	L4
203346	ORANGE/GREEN	ORANGE/GREEN	L9

Information: SCHEMATIC NUMBER: M5B01		Tolerances	Scale 2:1	
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A		30.03.2006	www.ERNI.com	1 (1/2)
Index		Date		A3
			Class	MAXMJ

ELECTRICAL SCHEMATICS 1000 BASE T - M5B01
ELEKTRISCHER SCHALTPLAN



LED SPECIFICATIONS
LED ANWEISUNG

COLOR FARBE	V _f TYP	V _f MAX	I _f mA	CIRCUIT DIAGRAM SCHALTPLAN
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

Turns Ratio: 1CT:1CT ±3%

OCL(100 KHz, 0.1 V, 8 mA) 350 μ H 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

Information:	Tolerances		Scale 2:1	
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			MOD - JACK MJIMV 1x1,8C10T,VERTICAL,INT.MAG.,LED	
			203341	
Class		MAXMJ		1 (2/2) A3

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