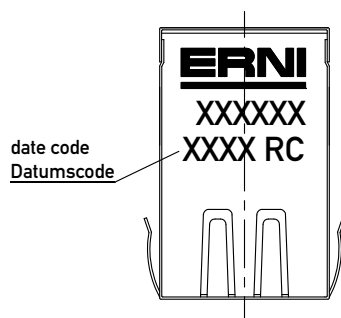
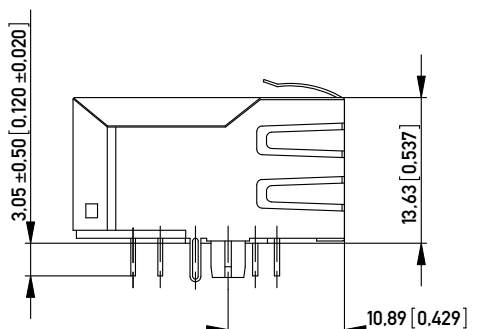
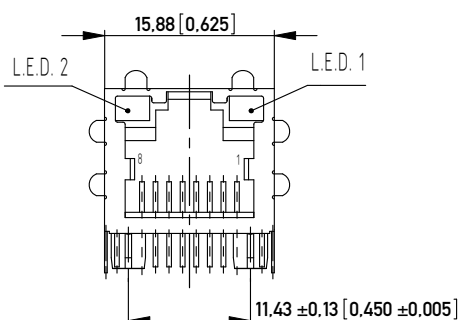
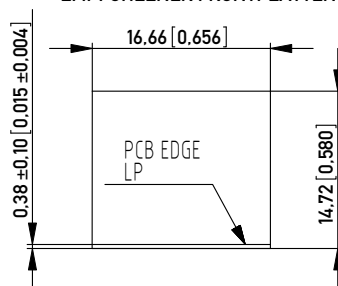


RECOMMENDED PANEL CUTOUT
EMPFOHLENER FRONTPLATTEN AUSSCHNITT



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 (A)

LED LENS: EPOXY

MECHANICAL CHARACTERISTICS

DURABILITY: 1000 MATING CYCLES

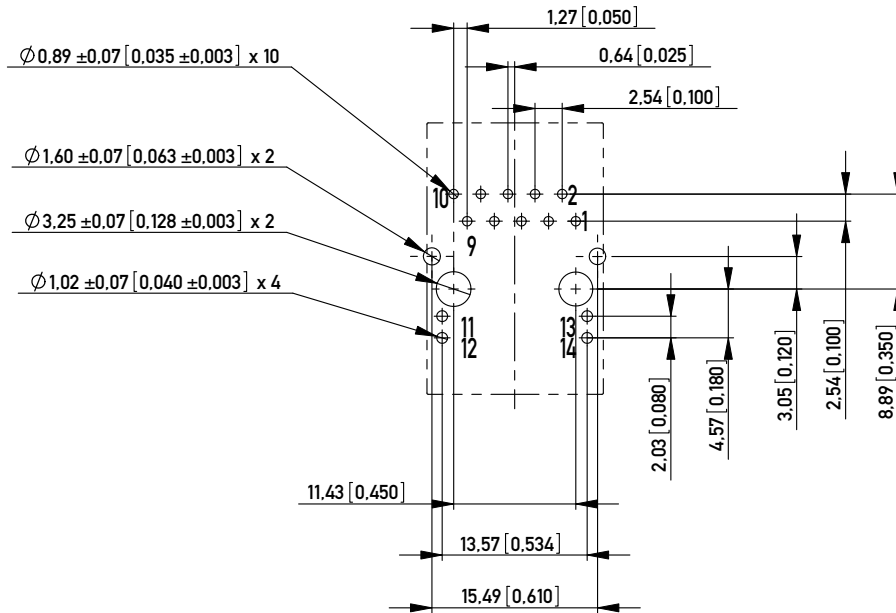
OPERATING TEMPERATURE: 0°C TO 70°C

NO. IDENT. NR.	LED 2 LEFT LED 2 LINKS	LED 1 RIGHT LED 1 RECHTS	LED CODE
203348	YELLOW	GREEN	L1
203349	GREEN	YELLOW	L2
203350	GREEN	GREEN	L3
203351	GREEN	RED	L4
203352	ORANGE/GREEN	ORANGE/GREEN	L9

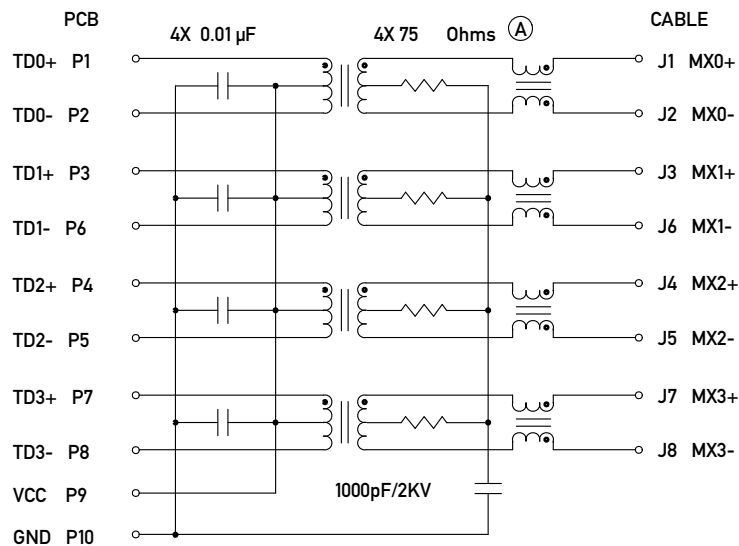
Information:				Tolerances		 All Dimensions in mm		Scale 2:1			
SCHEMATIC NUMBER M5B01											
All rights reserved. Only for Information. To insure that this is the latest version of this drawing, please contact one of the ERNI companies before using.				Subject to modification without prior notice. Drawing will not be updated.		Designation MOD JACK -MJIMR 8C10T, 1x1, INT. MAG., LED. REVERSE LATCH					
						www.ERNI.com		203347		I (1/2)	
										A3	
A		09.06.2008				Class		MJIM			
Index		Date									

Consider protection mems from DIN 44

RECOMMENDED PCB LAYOUT (COMPONENT SIDE VIEW)
EMPFOHLENES LEITERPLATTEN-LAYOUT (BESTÜCKUNGSSEITE)
TOL ±0.05 [0.002] UNLESS NOTED



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 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

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contact one of the ERNI companies
before using.

Tolerances



All Dimensions
in mm

Scale 2:1

Designation

MOD JACK -MJIMR
8C10T, 1x1, INT. MAG., LED. REVERSE LATCH



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203347

I (2/2)

A3

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