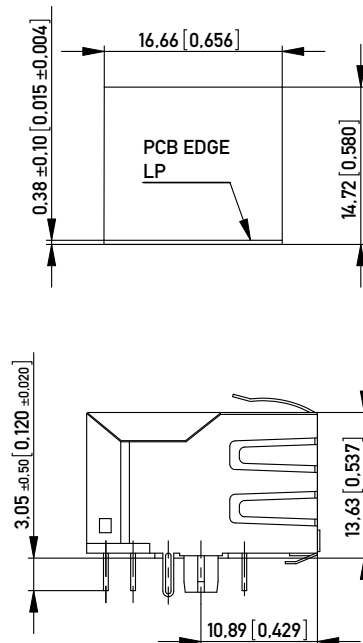
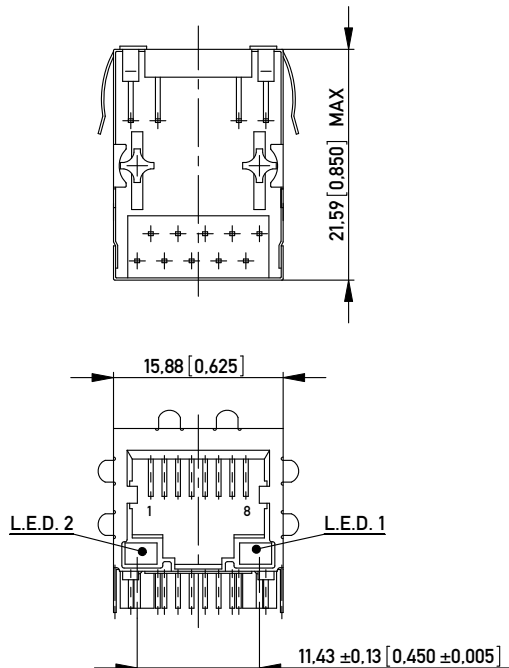


RECOMMENDED PANEL CUTOUT
EMPFOHLENER FRONTPLATTEN AUSSCHNITT



- NOTE 1: SIDE SHIELD TABS IN REAR 3.05mm (R)
NOTE 2: PANEL GROUND FLANGES BOTH SIDES, TOP AND BOTTOM (GF5)
NOTE 3: PIN 7 PAD TO BE UNDERSIZED TO MEET ISOLATION REQUIREMENT
NOTE 4: RoHS COMPLIANT; PRINT "RC" WITH DATE CODE

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
ELECTRICAL CHARACTERISTICS
OPERATING TEMPERATURE: 0°C TO 55°C

PART NO. IDENT. NR.	LED 2 LEFT LED 2 LINK	LED 1 RIGHT LED 1 RECHTE	LED CODE
203318	YELLOW	GREEN	L1
203319	GREEN	YELLOW	L2
203320	GREEN	GREEN	L3
203321	GREEN	RED	L4
203322	ORANGE/GREEN	ORANGE/GREEN	L9

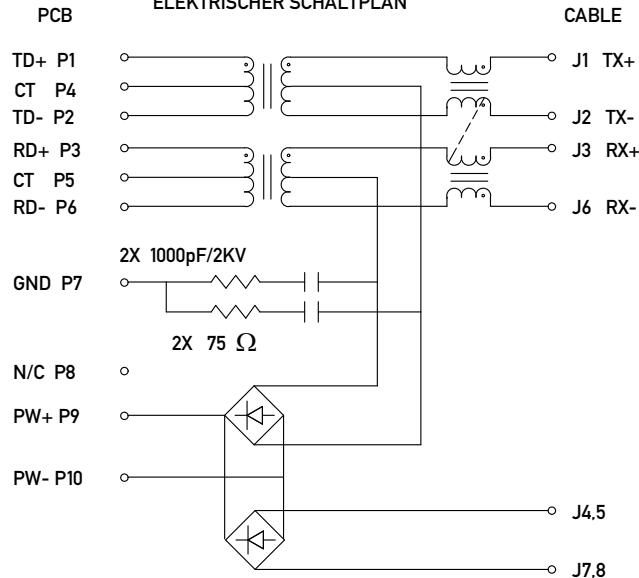
Information: SCHEMATIC NUMBER: M6A01 All rights reserved. Only for Information. To insure that this is the latest version of this drawing, please contact one of the ERNI companies before using.		Tolerances Scale 2:1 Designation MOD JACK - MJIM 8C10T, 1x1, INT. MAG., LED ALIGNED	
		Subject to modification without prior notice. Drawing will not be updated.	All Dimensions in mm [in]
D	11.01.2008	203317 I (1/2) A3	
Index	Date	Class MJIM	

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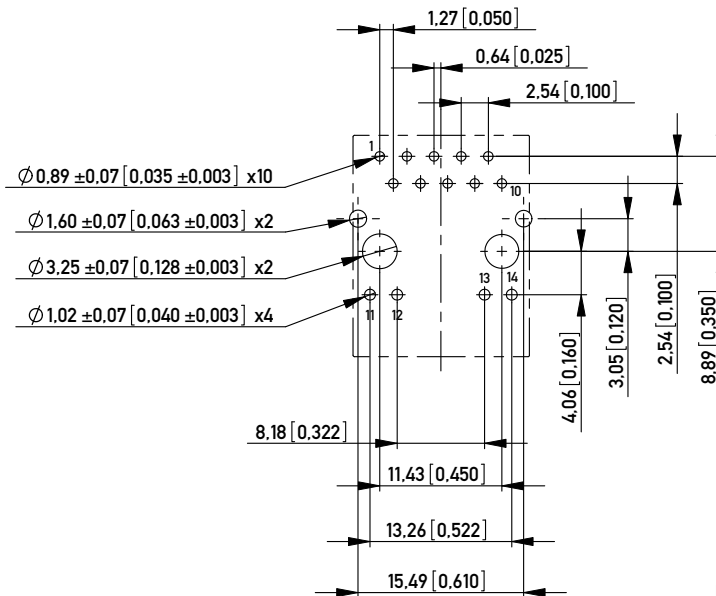


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ELECTRICAL SCHEMATIC - M6A01
10/100 BASE TX WITH REMOTE POWER
ELEKTRISCHER SCHALTPLAN



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



LED SPECIFICATIONS
LED ANWEISUNG

MAGNETICS SPECIFICATIONS @ 25°C

Turns Ratio: 1CT : 1CT ±3%

(P1-P2 : J1-J2)

(P3-P6 : J3-J6)

OCL(100 KHz, 0.1 Vrms, 8 mA)

(P1-P2 : P3-P6) 350µH MIN

DCR (P1-P2, P3-P6) 0.9 OHMS MAX

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 -38 dB TYP

CMR:

0.1 - 30 MHz -50 dB TYP

30 - 60 MHz -40 dB TYP

60 - 100 MHz -30 dB TYP

Isolation

1500 Vrms

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	

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before using.

Tolerances



All Dimensions
in mm [in]

Scale 2:1

Designation

MOD JACK - MJIM
8C10T, 1x1, INT. MAG., LED ALIGNED



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203317

I (2/2)

A3

Class MJIM

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