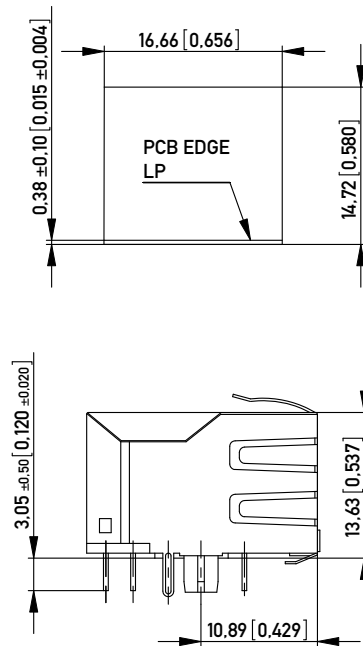
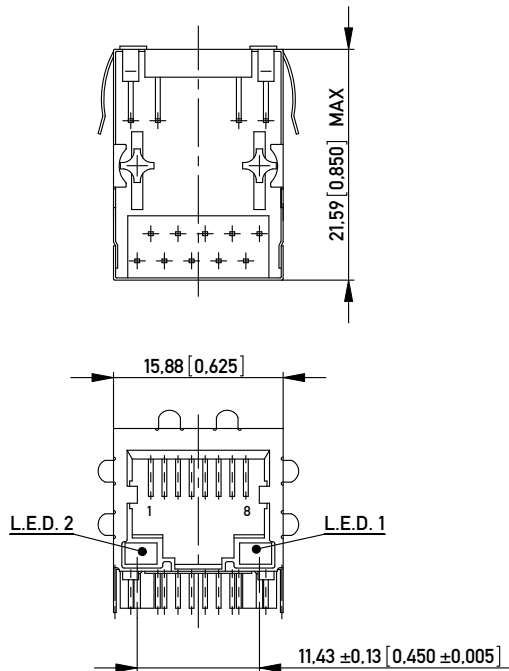


RECOMMENDED PANEL CUTOUT
EMPFOHLENER FRONTPLATTEN AUSSCHNITT



- 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

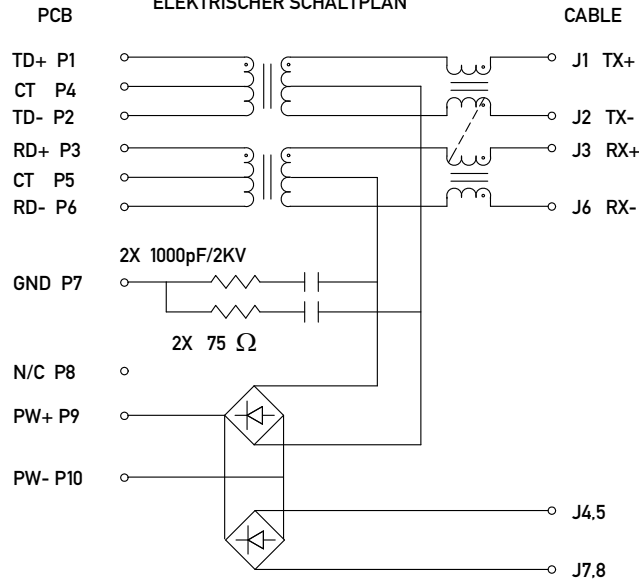
HOUSING: GLASS FILLED POLYESTER UL 94 V-0 BLACK
SHIELDING: Cu ALLOY, PLATED WITH Ni
CONTACTS: PHOSPHOR BRONZE
CONTACT FINISH: Au, 0.8 µm (30 µin), OVER Ni
TERMINAL FINISH: Sn MATTE
LED LENS: EPOXY
MECHANICAL CHARACTERISTICS
DURABILITY: 1000 MATING CYCLES
ELECTRICAL CHARACTERISTICS
OPERATING TEMPERATURE: 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

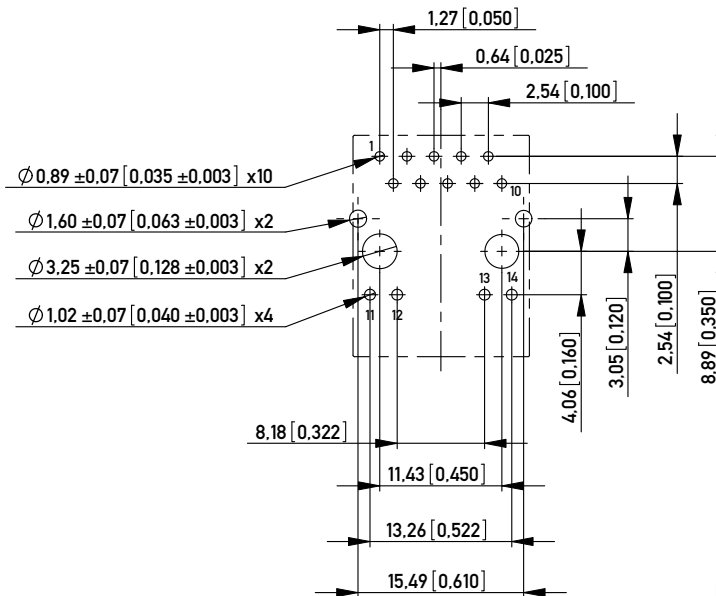
Information: SCHEMATIC NUMBER: M6A01				Tolerances				Scale		2:1	
				All Dimensions in mm [in]							
All rights reserved. Only for Information. To insure that this is the latest version of this drawing, please contact one of the ERNI companies before using.				Subject to modification without prior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

Copyright by ERNI GmbH
Proprietary notice pursuant to ISO 16016 to be observed.

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 $\pm 3\%$

(P1-P2 : J1-J2)

(P3-P6 : J3-J6)

OCL(100 KHz, 0.1 Vrms, 8 mA)

(P1-P2 : P3-P6) 350 μ H 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	

Copyright by ERNI GmbH
Proprietary notice pursuant to ISO 16016 to be observed.

Information:

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



All Dimensions
in mm [in]

Scale 2:1

Subject to modification without
prior notice.
Drawing will not be updated.



www.ERNI.com

Designation

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

203317

Class MJIM

I (2/2)

A3

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[ERNI Electronics:](#)

[203319](#)