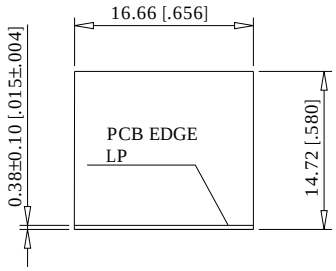
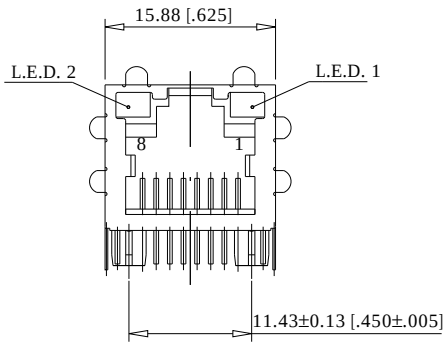
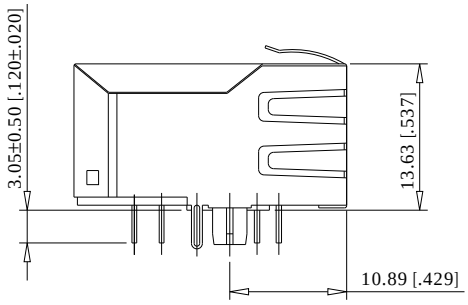


RECOMMENDED PANEL CUTOUT
EMPFOHLENER FRONTPLATTEN AUSSCHNITT







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

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

Consider protection memo from DIN 34

Information:
SCHEMATIC NUMBER M3D01

Tolerances

All Dimensions in mm

Scale 2:1 | -

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
8C8T, 1X1, INT. MAG., LED, REVERSE LATCH

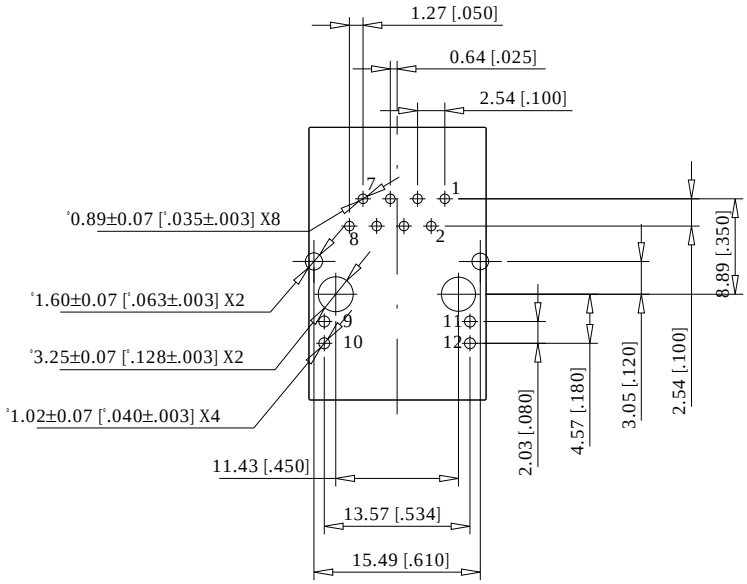
ERNI www.ERNI.com

203353

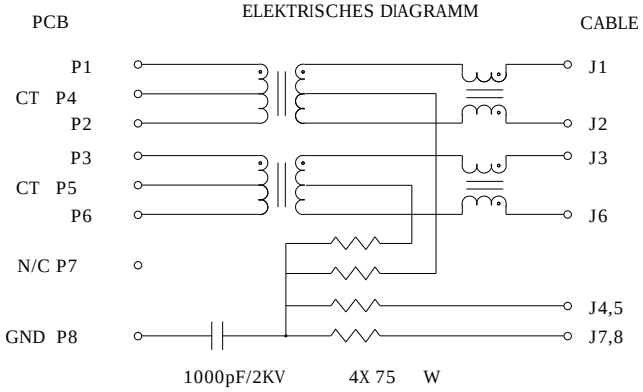
Index	Date
-	-

MAXMJ

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



ELECTRICAL SCHEMATIC M3D01
ELEKTRISCHES DIAGRAMM



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)	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	-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

LED SPECIFICATIONS
LED ANWEISUNG

COLOR FARBE	V_f TYP	V_f MAX	I_f mA	CIRCUIT DIAGRAM SCHALTSKIZZE
YELLOW	2.1	2.5	20	⊕9 ⊕11 ⊕10 ⊕12
GREEN	2.2	2.5	20	⊕9 ⊕11 ⊕10 ⊕12
RED	2.25	2.5	20	⊕9 ⊕11 ⊕10 ⊕12
ORANGE/GREEN	2.05/2.2	2.5	20	⊕9 ⊕11 ⊕10 ⊕12 N G N G

Information:

Tolerances

All Dimensions in mm

Scale 2:1

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.

Consider protection memo from DIN 34

Designation

MOD JACK - MJIMR

8C8T, 1X1, INT. MAG., LED, REVERSE LATCH

ERNI www.ERNI.com

203353

Index	Date
-	-

MAXMJ