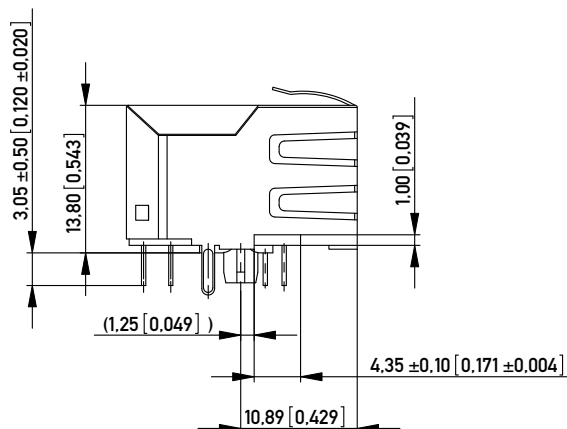
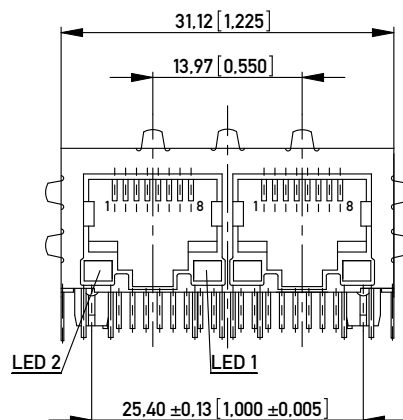
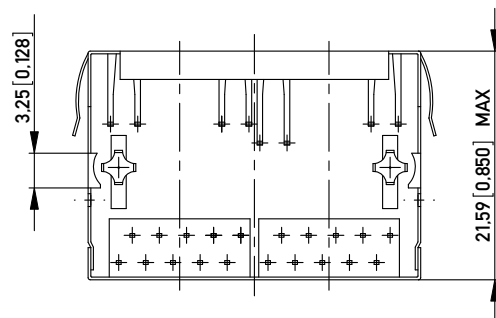
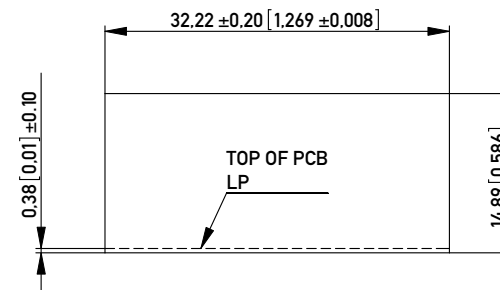




RECOMMENDED PANEL CUTOUT EMPFOHLENER FRONTPLATTEN AUSSCHNITT



NOTE 1: WITHOUT REAR SHIELD TAB (X)

NOTE 2: SIDE GROUND TAB REAR OF PEG 3.05 mm (R)

NOTE 3: PANEL GROUND FLANGES BOTH SIDES AND TOP (GF5)

NOTE 4: MODIFIED SHIELD

NOTE 5: RoHS COMPLIANT

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

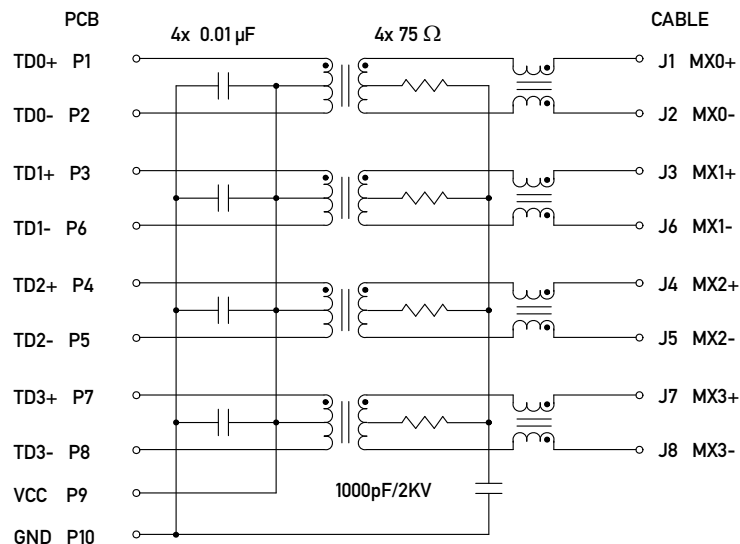
OPERATING TEMPERATURE: 0°C TO 70°C

NO. IDENT.-NR.	LED 2 LEFT LED 2 LINKS	LED 1 RIGHT LED 1 RECHTS	LED CODE
203400	YELLOW	GREEN	L1
203488	ORANGE/GREEN	ORANGE/GREEN	L9

Information: SCHEMATIC NUMBER: M5B01		Tolerances	Scale 2:1	
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			MOD JACK - MJIM 8C10T, 1x2, INT. MAG., LED ALIGNED	
A	05.02.2007	www.ERNI.com	203494	I (1/2)
Index	Date		Class MJIM	A3

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ELECTRICAL SCHEMATICS 1000 BASE T - M5B01
ELEKTRISCHER SCHALTPLAN



MAGNETICS SPECIFICATIONS @ 25°C

Turns Ratio: 1CT:1CT $\pm$ 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

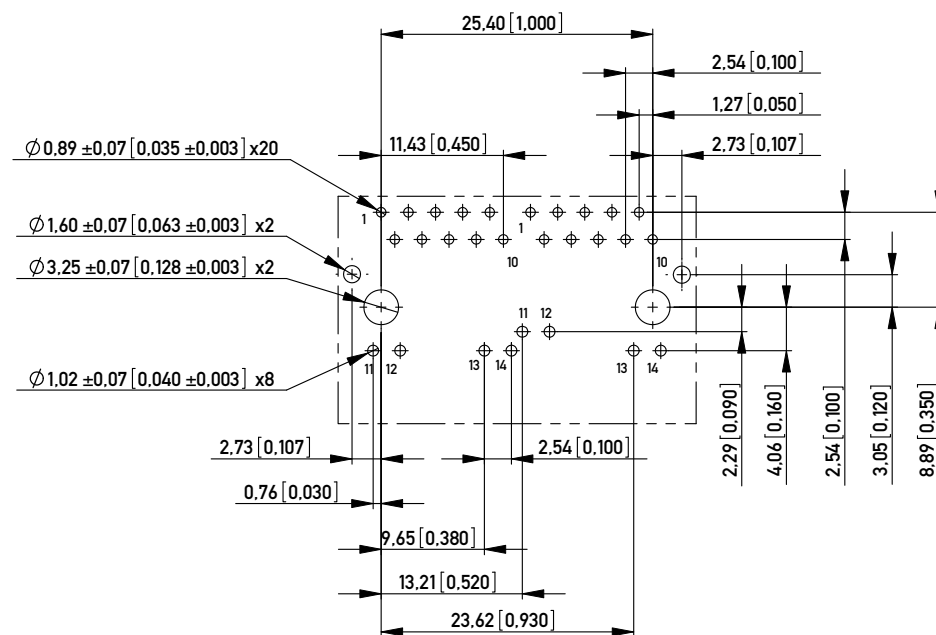
30 - 60 MHz -40 dB TYP

60 - 100 MHz -35 dB TYP

Isolation

1500 Vrms

RECOMMENDED PCB LAYOUT - COMPONENT SIDE VIEW
EMPFOHLENES LEITERPLATTEN-LAYOUT - BESTÜCKUNGSSEITE
ALL TOLERANCES $\pm$ 0.05 UNLESS NOTED



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	
ORANGE/GREEN	2.05/2.2	2.5	20	

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Information:	Tolerances		Scale 2:1
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Class		MJIM	

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