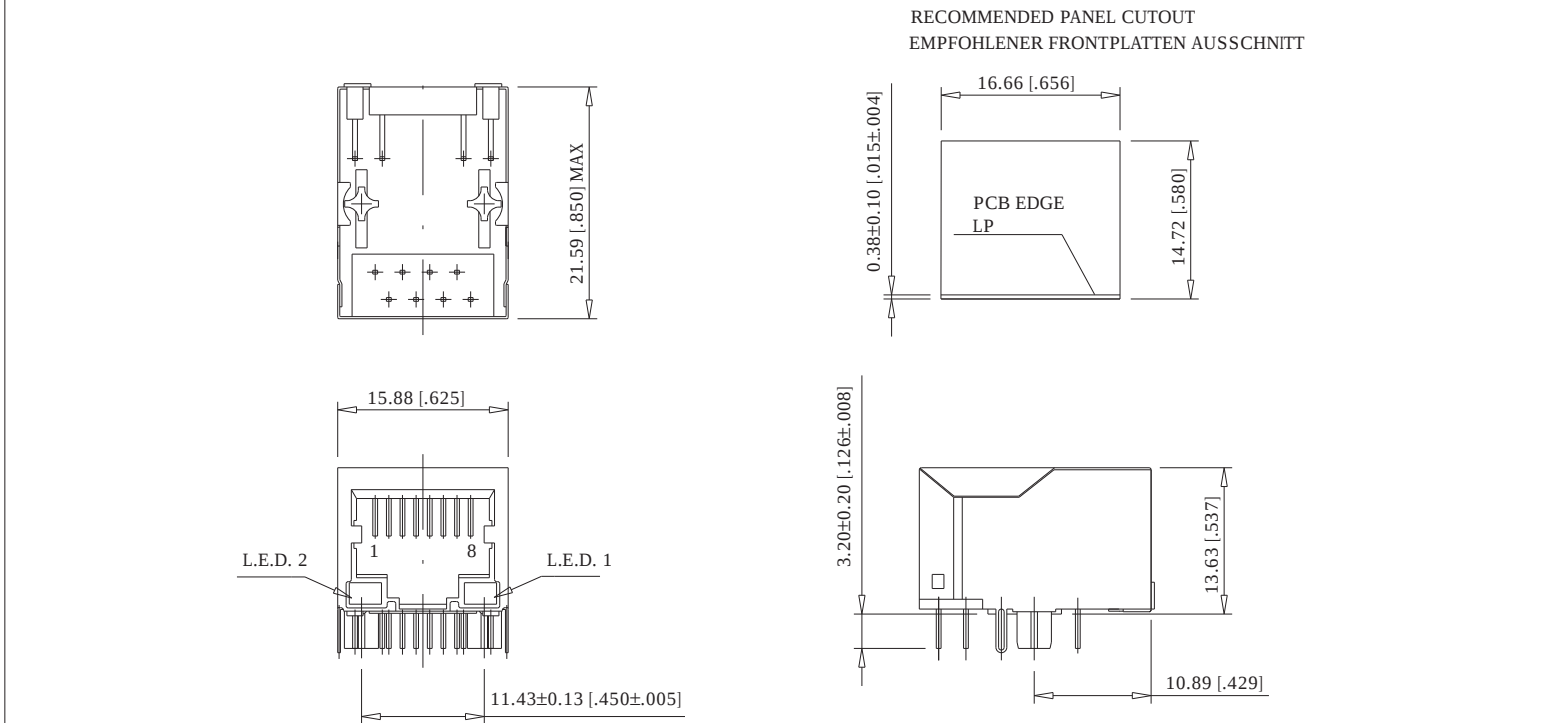




MATERIALS AND FINISH
HOUSING: GLASS FILLED POLYESTER UL 94 V-0 BLACK
SHIELDING: Cu ALLOY, PLATED WITH Ni
CONTACTS: PHOSPHOR BRONZE
CONTACT FINISH: Au, 0.8 µm (30 µin) OVER Ni
TERMINAL FINISH: SnPb
LED LENS: EPOXY

MECHANICAL CHARACTERISTICS
DURABILITY: 1000 MATING CYCLES

ELECTRICAL CHARACTERISTICS
CONTACT RESISTANCE: 30 MILLIOHMS MAX
OPERATING TEMPERATURE: 0°C TO 70°C

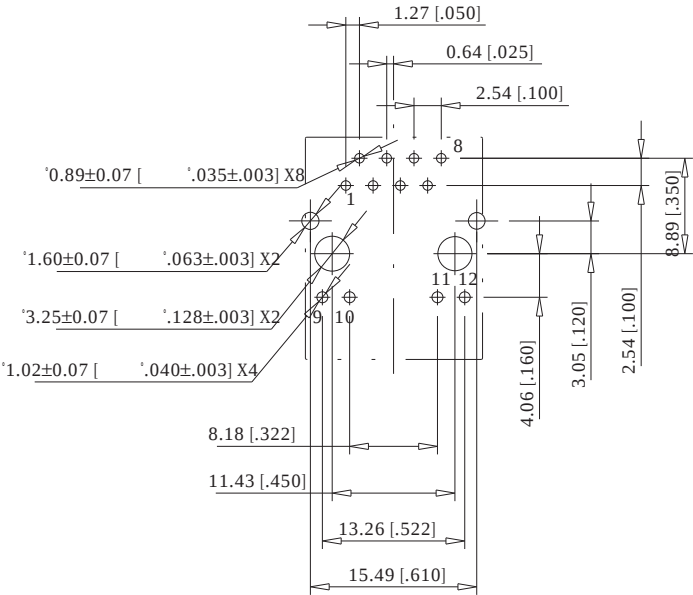
NOTE 1: SIDE SHIELD TABS IN REAR 3.05mm (R)

LED 2 LEFT LED 2 LINK	LED 1 RIGHT LED 1 RECHTE	LED CODE
YELLOW	GREEN	L1

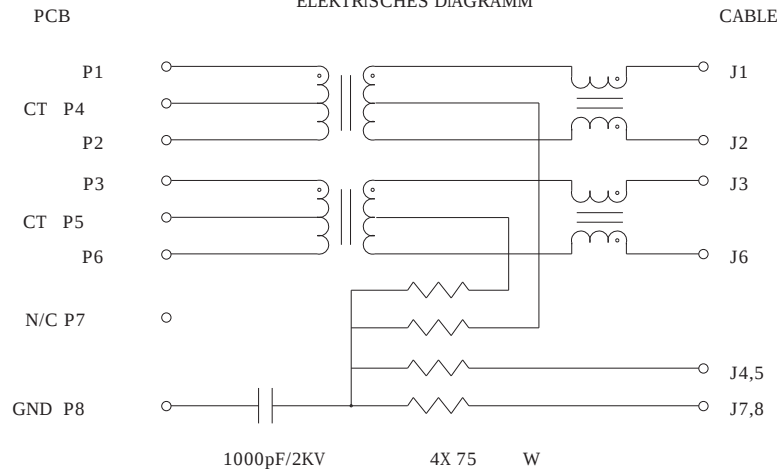
Consider protection memo from DIN 34

VERIFICATION NO. 19FEB04				Tolerances		 All Dimensions in mm		Scale 2:1		-															
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												www.ERNI.com						203191							
						a				19FEB04															
Index		Modification Nr.		Date		Name		Plot At		-		Group/Type		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

URNS 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
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	
GREEN	2.2	2.5	20	
INFORMATION:		Tolerances		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.		All Dimensions in mm [in]		MAT'L -
		Subject to modification without prior notice. Drawing will not be updated.		Designation
		www.ERNI.com		MOD JACK - MJIM 8C8T, 1X1, INT. MAG., LED ALIGNED
a	19FEB04	203191		1
Rev.	Date	Group/Type		MAXMJ

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