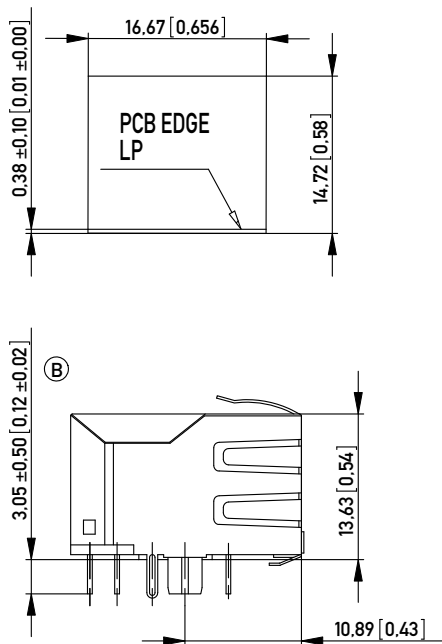
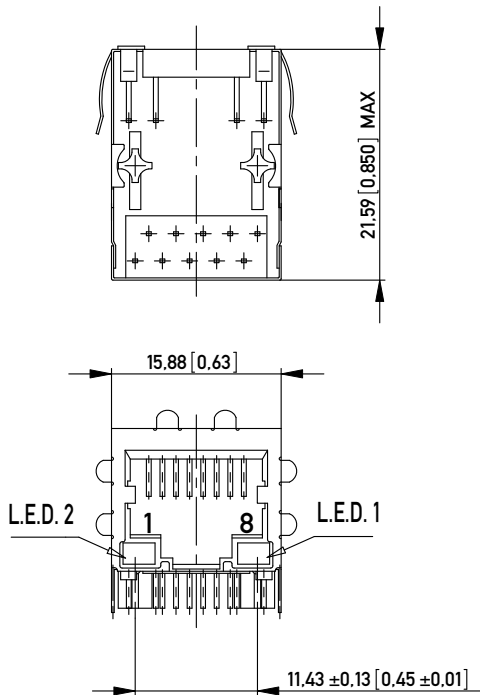


RECOMMENDED PANEL CUTOUT
EMPFOHLENER FRONTPLATTEN AUSSCHNITT

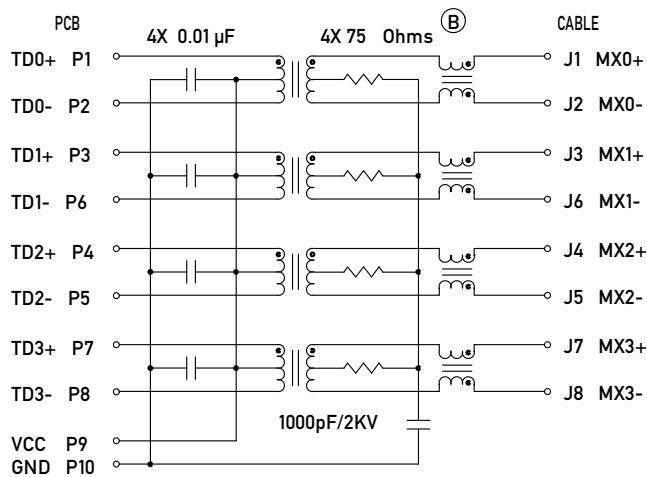


NOTE 1: SIDE SHIELD TABS IN REAR 3.05mm (R)
NOTE 2: PANEL GROUND FLANGES BOTH SIDES AND TOP (GF5)

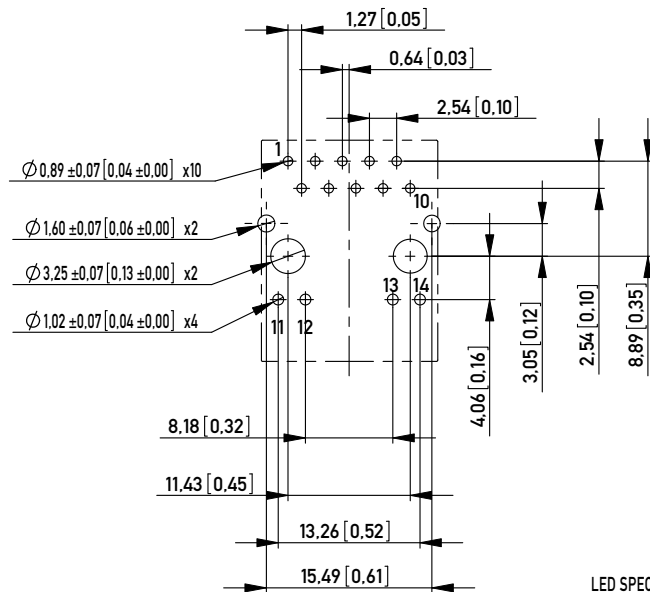
MATERIALS AND FINISH
HOUSING: GLASS FILLED POLYESTER UL 94 V-0 BLACK
SHIELDING: Cu ALLOY, PLATED WITH Ni
CONTACTS: PHOSPHOR BRONZE
CONTACT FINISH: Au, 0.8 µm (30 µin) OVER Ni
TERMINAL FINISH: Sn MATTE (B)
LED LENS: EPOXY
MECHANICAL CHARACTERISTICS
DURABILITY: 1000 MATING CYCLES
ELECTRICAL CHARACTERISTICS
CONTACT RESISTANCE: 30 MILLIOHMS MAX
OPERATING TEMPERATURE: 0°C TO 70°C

NO. IDENT. NR.	LED 2 LEFT LED 2 LINKS	LED 1 RIGHT LED 1 RECHTS	LED CODE
203211	YELLOW	GREEN	L1
203212	GREEN	YELLOW	L2
203213	GREEN	GREEN	L3
203214	YELLOW	YELLOW	L8
203215	ORANGE/GREEN	ORANGE/GREEN	L9

Information:				Tolerances		 All Dimensions in mm		Scale 2:1			
SCHEMATIC NUMBER: M5B01											
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						MOD JACK - MJIM 8C10T, 1x1, INT. MAG., LED ALIGNED					
				www.ERNI.com		203210				I (1/2)	
B		09.06.2008				A3					
Index		Date									
						Class MJIM					



RECOMMENDED PCB LAYOUT (COMPONENT SIDE VIEW)
EMPFOHLENES LEITERPLATTEN-LAYOUT (BESTÜCKUNGSSEITE)
TOL ±0.05 [0.02] UNLESS NOTED



LED SPECIFICATIONS
LED ANWEISUNG

MAGNETICS SPECIFICATIONS @ 25°C

TURNS RATIO: 1CT:1CT ±3%

OCL(100 KHz, 0.1 V, 8 mA) 350 µH 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

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	
RED	2.25	2.5	20	
ORANGE/GREEN	2.05/2.2	2.5	20	

Information:	Tolerances		Scale 2:1	
		All Dimensions in mm		
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		www.ERNI.com	203210	I (2/2) A3
			Class MJIM	

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