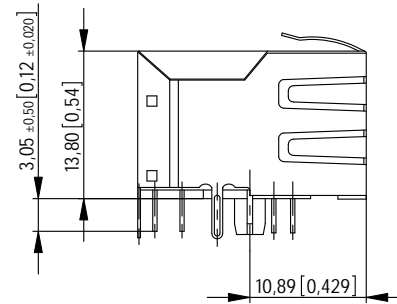
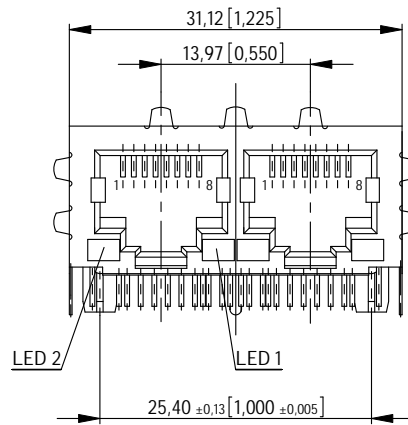
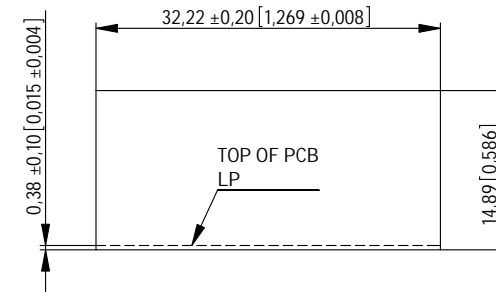


RECOMMENDED PANEL CUTOUT  
EMPFÖHLENER FRONTPLATTEN AUSSCHNITT



- NOTE 1: ONE REAR SHIELD TAB CENTERED  
 NOTE 2: SIDE GROUND TAB REAR OF PEG 3.05 mm (R)  
 NOTE 3: PANEL GROUND FLANGES BOTH SIDES AND TOP (GF5)  
 NOTE 4: RoHS COMPLIANT

NO. IDENT. NR.	LED 2 LEFT LED 2 LINK	LED 1 RIGHT LED 1 RECHTE	LED CODE
203306	YELLOW	GREEN	L1
203307	GREEN	YELLOW	L2
203308	GREEN	GREEN	L3
203309	GREEN	RED	L4
203310	ORANGE/GREEN	ORANGE/GREEN	L9

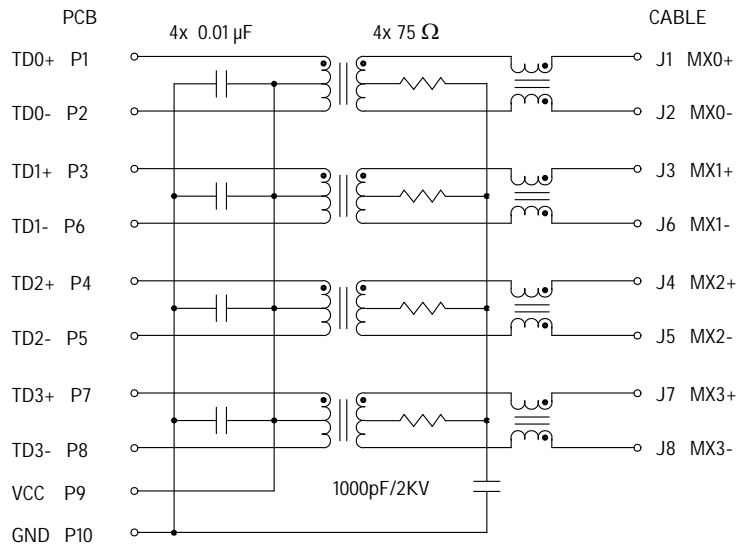
MATERIALS AND FINISH

- 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: Sn MATTE  
 LED LENS: EPOXY  
 OPERATING TEMPERATURE: 0°C TO 70°C

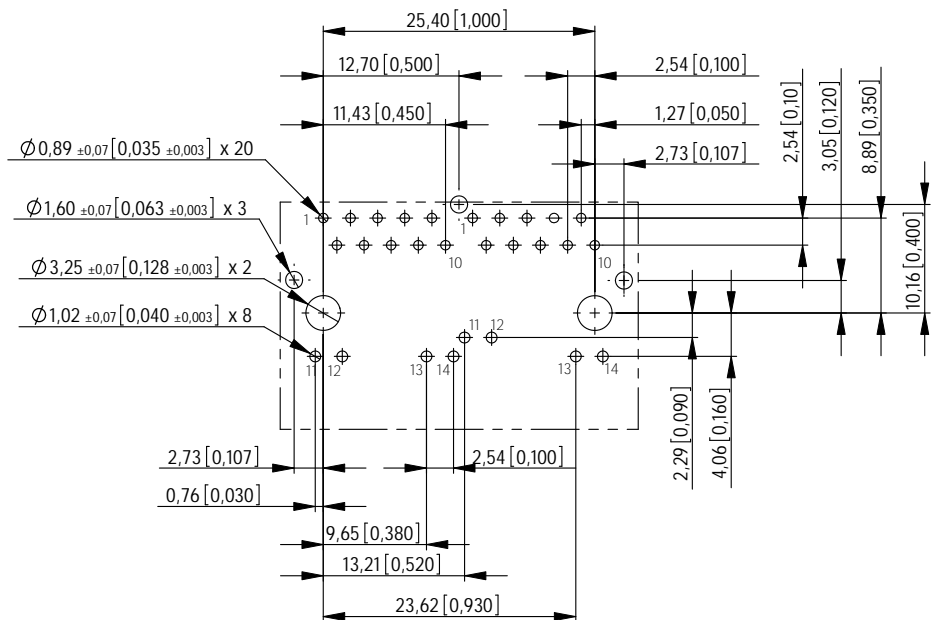
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Information: SCHEMATIC NO: M5B01		Tolerances All Dimensions in mm [in]	Scale 2:1
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B	05.02.2007	1 (1/2)	
Index	Date	A3	
		Class MJIM	

ELECTRICAL SCHEMATICS 1000 BASE T - M5B01  
ELEKTRISCHER SCHALTPLAN



RECOMMENDED PCB LAYOUT - COMPONENT SIDE VIEW  
EMPFOHLENES LEITERPLATTEN-LAYOUT - BESTÜCKUNGSSEITE  
ALL TOLERANCES ±0.05 UNLESS NOTED



LED SPECIFICATIONS  
LED ANWEISUNG

MAGNETICS SPECIFICATIONS @ 25°C

TURN 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 <sub>f</sub> TYP	V <sub>f</sub> MAX	I <sub>f</sub> 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	

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