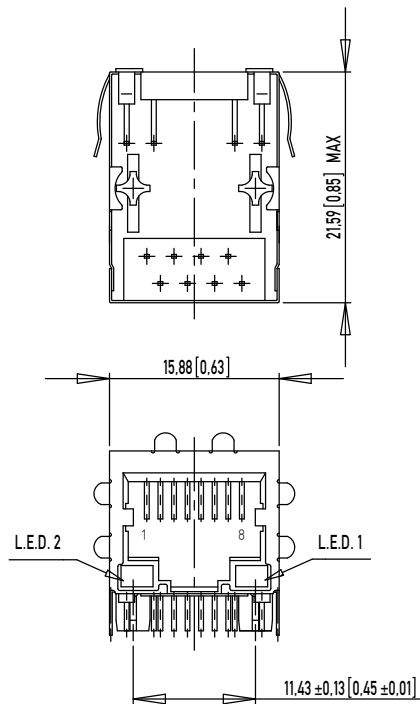
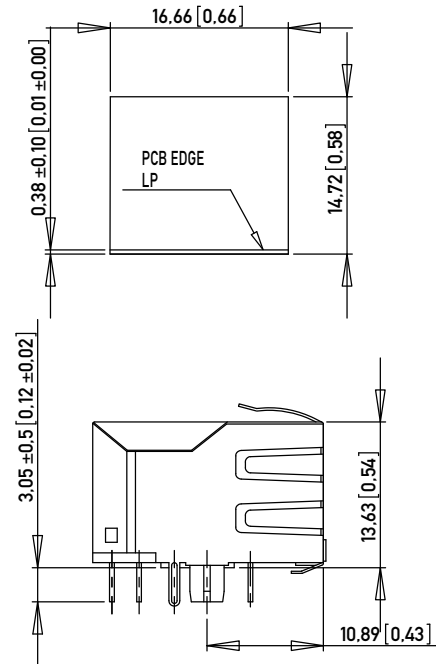




RECOMMENDED PANEL CUTOUT
EMPFOHLENER FRONTPLATTEN AUSSCHNITT



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

LED LENS: EPOXY

MECHANICAL CHARACTERISTICS

DURABILITY: 1000 MATING CYCLES

ELECTRICAL CHARACTERISTICS

CONTACT RESISTANCE: 30 MILLIOHMS MAX

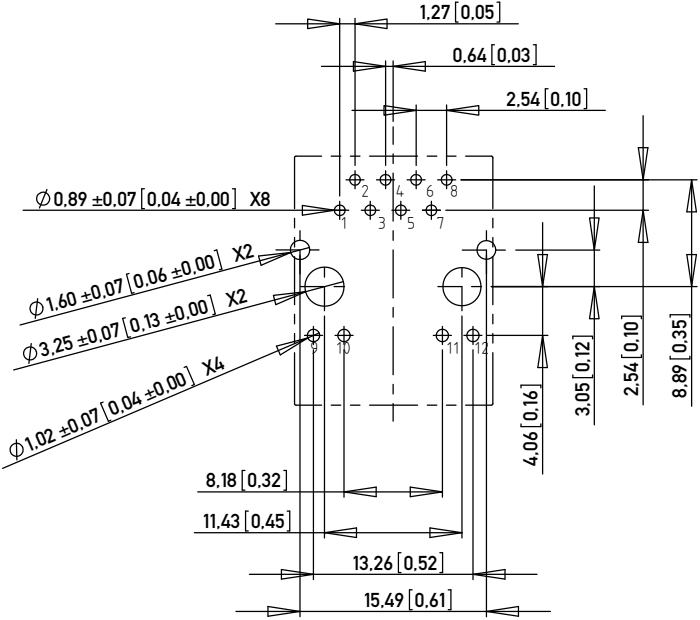
OPERATING TEMPERATURE: -40°C TO +85°C

NO. IDENT. NR.	LED 2 LEFT LED 2 LINK	LED 1 RIGHT LED 1 RECHTE	LED CODE
203329	YELLOW	GREEN	L1
203330	GREEN	YELLOW	L2
203331	GREEN	GREEN	L3
203332	GREEN	RED	L4
203333	ORANGE/GREEN	ORANGE/GREEN	L9

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Information:				Tolerances				Scale		1:1	
SCHEMATIC Number: T3D01				±0.2 mm (±0.008 inch) if not specified		All Dimensions in mm					
All rights reserved. Only for Information. To ensure 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			
				 www.ERNI.com				MOD-JACK-MJIM 8C8T,1x1.INT.MAG.,LED ALIGNED			
a				01.09.2010				203328			
Index				Date				Class		MJIM	
										I (1/2) A3	

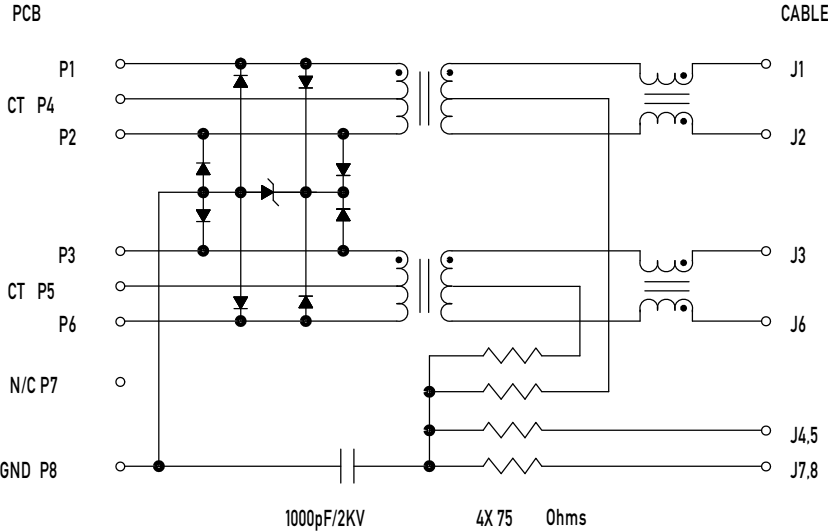
RECOMMENDED PCB LAYOUT (COMPONENT SIDE VIEW)
EMPFOHLENER FUER LEITERPLATTE (BESTUECKUNGSSEITE)
TOL ±0.05 [0.002] UNLESS NOTED



MAGNETICS SPECIFICATIONS @ 25°C

AUTO MDIX COMPATIBLE	
TURNS RATIO:	
(P1-P2 : J1-J2)	1CT : 1 ±3%
(P3-P6 : J3-J6)	1CT : 1 ±3%
OCL (100KHz, 0.1Vrms, 8mA)	
(P1-P2 : P3-P6)	350µH MIN
DCR (P1-P2, P3-P6)	
1.1 OHMS MAX	
INSERTION LOSS:	
0.1 MHz - 100 MHz	-1.1 dB MAX
RETURN LOSS:	
0.5 MHz - 30 MHz	-18 dB MIN
40 MHz	-15.5 dB MIN
50 MHz	-13.6 dB MIN
60 MHz - 80 MHz	-12 dB MIN
CROSSTALK (0.1 MHz - 100 MHz):	
-40 dB TYP	
COMMON MODE REJECTION	
0.1 MHz - 30 MHz:	-50 dB TYP
30 MHz - 60 MHz:	-40 dB TYP
60 MHz - 100 MHz:	-35 dB TYP
JSOLATION:	
1500 Vrms	

ELECTRICAL SCHEMATIC - 10/100 BASE TX - T3D01
EXTENDED TEMPERATURE RANGE
COMPLIANT WITH GR1089 INTRA-BUILDING LIGHTNING SURGE TEST REQUIREMENTS
ELEKTRISCHES DIAGRAMM



LED SPECIFICATIONS

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

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Information:			Tolerances ±0.2 mm (±0.008 inch) if not specified		 All Dimensions in mm		Scale 1:1			
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						203328				I (2/2)
			a		01.09.2010		www.ERNI.com		A3	
Index		Date					Class	MJIM		