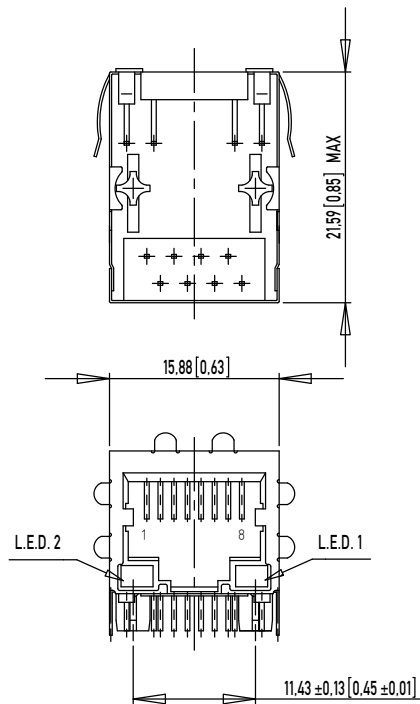
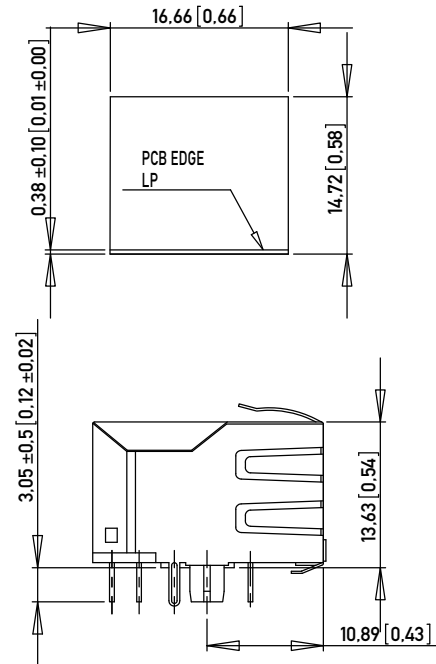




RECOMMENDED PANEL CUTOUT
EMPFOHLENER FRONTPLATTEN AUSSCHNITT



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

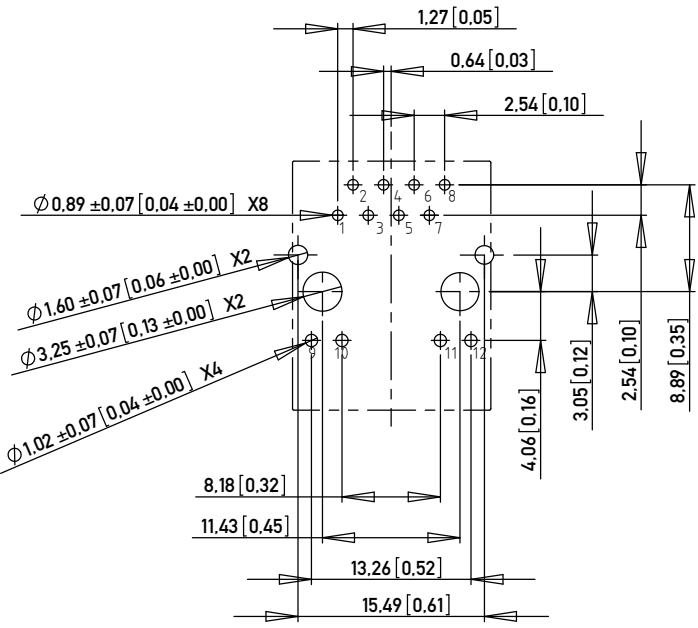
OPERATING TEMPERATURE: -40°C TO +85°C

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					
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						www.ERNI.com		203328			
a				01.09.2010				A3			
Index		Date						Class MJIM			

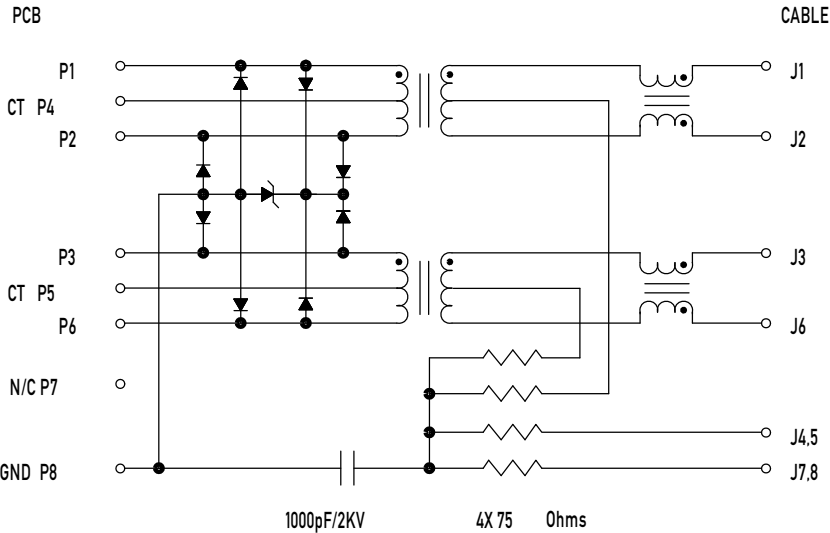
RECOMMENDED PCB LAYOUT (COMPONENT SIDE VIEW)
EMPFOHLENER FUER LEITERPLATTE (BESTUECKUNGSSEITE)
TOL ±0.05 [0.002] UNLESS NOTED



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		

Information:			Tolerances		Scale 1:1	
			±0.2 mm (±0.008 inch) if not specified	 All Dimensions in mm		
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					MOD-JACK-MJIM 8C8T,1x1,INT.MAG.,LED ALIGNED	
			 www.ERNI.com		203328	
a		01.09.2010			Class MJIM	
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