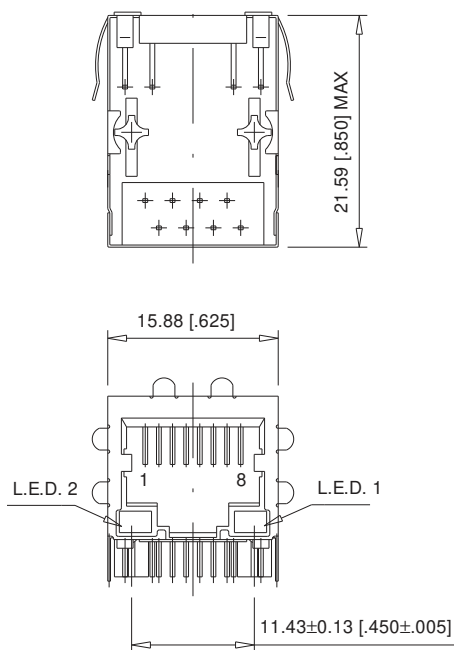
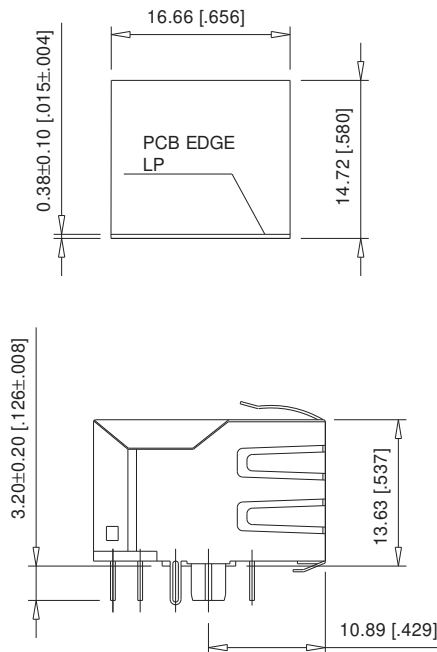




RECOMMENDED PANEL CUTOUT
EMPFOHLENER FRONTPLATTEN AUSSCHNITT



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

NO. IDENT. NR.	LED 2 LEFT LED 2 LINK	LED 1 RIGHT LED 1 RECHTE	LED CODE
203198	YELLOW	GREEN	L1
203199	GREEN	YELLOW	L2
203200	GREEN	GREEN	L3
203201	RED	GREEN	L5
203202	YELLOW	YELLOW	L8
203203	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: SnPb
LED LENS: EPOXY

MECHANICAL CHARACTERISTICS

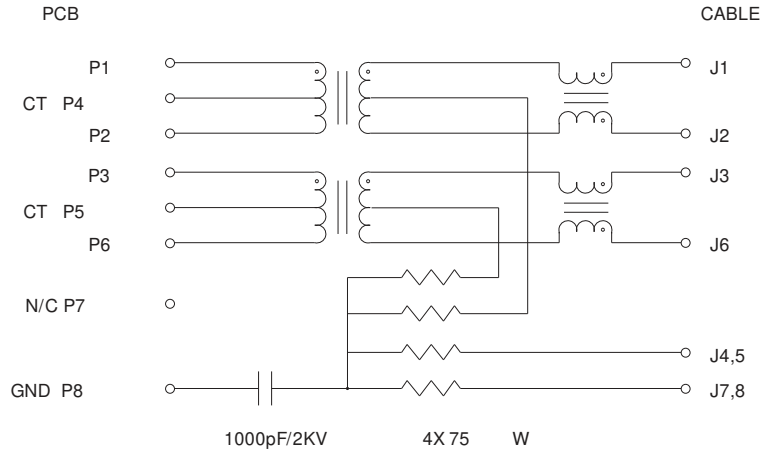
DURABILITY: 1000 MATING CYCLES

ELECTRICAL CHARACTERISTICS

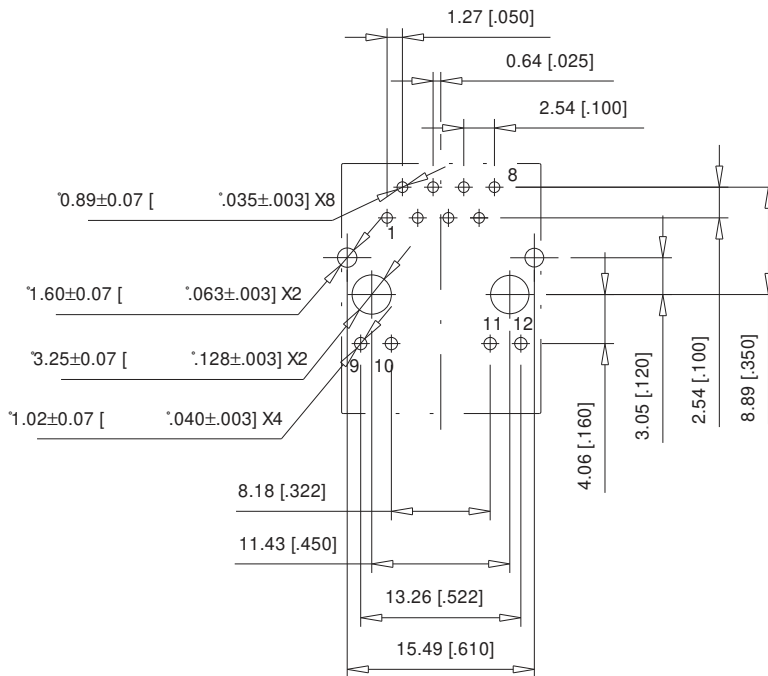
CONTACT RESISTANCE: 30 MILLIOHMS MAX
OPERATING TEMPERATURE: 0°C TO 70°C

Information:				Tolerances				Scale		2:1				-	
SCHEMATIC NUMBER: M3D01						All Dimensions in mm		MAT'L							
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								MOD JACK - MJIM							
								8C8T, 1X1, INT. MAG., LED ALIGNED							
						www.ERNI.com		203197							
a				18FEB04											
Rev		Change No.		Date		Name		Plot At		Group/Time		MAXIMUM			

ELECTRICAL SCHEMATIC M3D01
ELEKTRISCHES DIAGRAMM



RECOMMENDED PCB LAYOUT (COMPONENT SIDE VIEW)
EMPFOHLENER FUER LEITERPLATTE (BESTUECKUNGSSEITE)
TOL ± 0.05 [.002] UNLESS NOTED
SCALE: 2.5 : 1



LED SPECIFICATIONS
LED ANWEISUNG

MAGNETICS SPECIFICATIONS @25°C
AUTO MDIX COMPATIBLE
TURNS RATIO:
(P1-P2 : J1-J2) 1CT : 1 $\pm 3\%$
(P3-P6 : J3-J6) 1CT : 1 $\pm 3\%$
OCL(100 KHz, 0.1 Vrms, 8 mA)
(P1-P2 : P3-P6) 350 μ H MIN
DCR (P1-P2, P3-P6) 0.9 OHMS MAX
INSERTION LOSS:
0.1-100 MHz -1.1 dB MAX
RETURN LOSS:
0.5 - 30 MHz: -18 dB MIN
40 MHz: -15.5 dB TYP
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

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		2:1						
					All Dimensions in mm [in]										
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			www.ERNI.com				203197								
a				18FEB04				Group/Type						MAXMJ	
Index				Date											