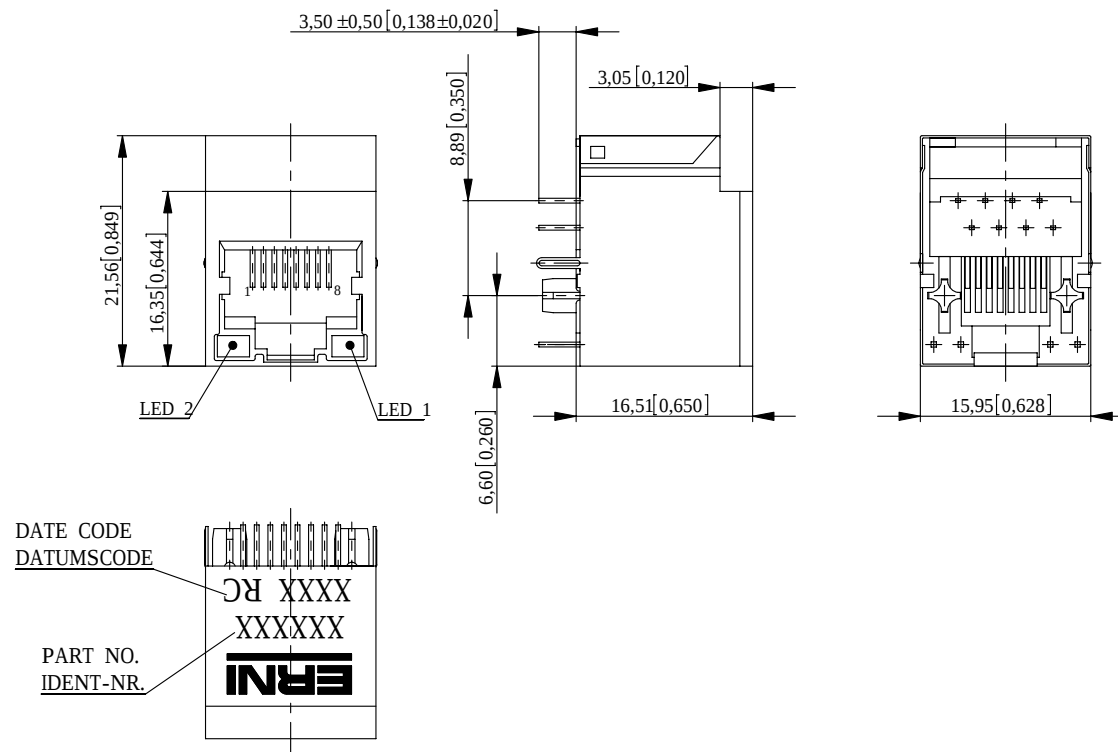
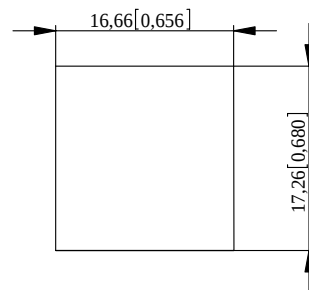




RECOMMENDED PANEL CUTOUT
EMPFOHLENER FRONTPLATTEN AUSSCHNITT



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: 0°C TO 70°C

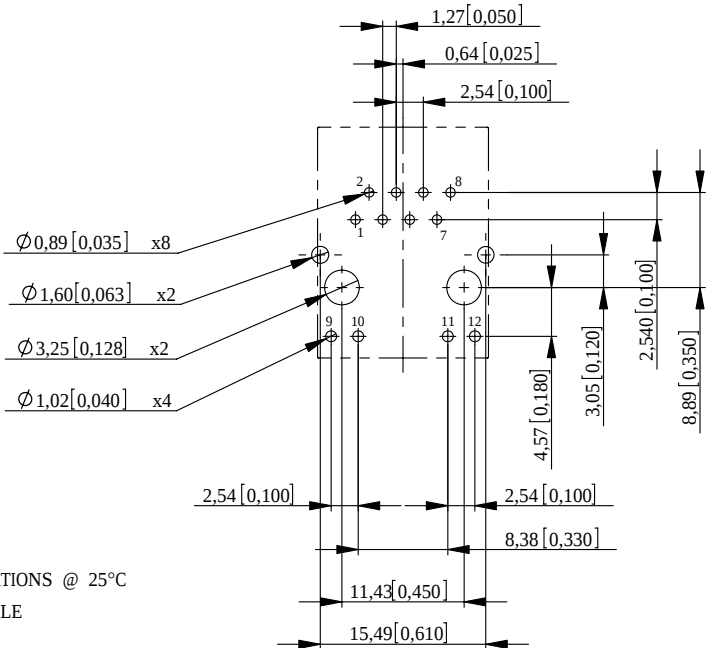
NOTE 1: RoHS COMPLIANT; PRINT "RC" WITH DATE CODE

NO. IDENT.-NR.	LED 2 LEFT LED 2 LINKS	LED 1 RIGHT LED 1 RECHTS	LED CODE
203323	YELLOW	GREEN	L1
203324	GREEN	YELLOW	L2
203325	GREEN	GREEN	L3
203326	GREEN	RED	L4
203327	ORANGE/GREEN	ORANGE/GREEN	L9

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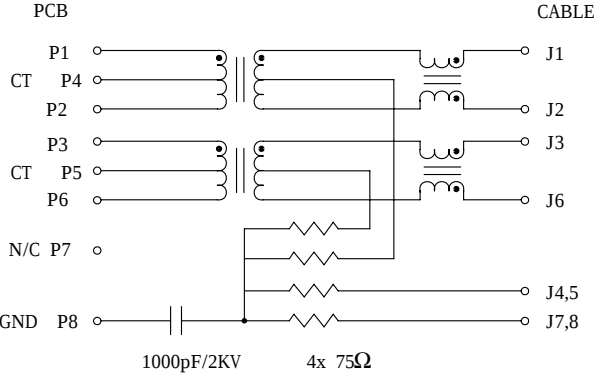
Information: SCHEMATIC NUMBER: M3D01			Tolerances		 All Dimensions in mm[in]		Scale 2:1				
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								MOD - JACK MJIMV 1x1, 8C8T,VERTICAL,INT. MAG.,LED			
								www.ERNI.com		203289	
B				30.11.2006				Class MJIM			
Index				Date							

RECOMMENDED PCB LAYOUT (COMPONENT SIDE VIEW)
EMPFOHLENES LEITERPLATTEN-LAYOUT (BESTÜCKUNGSSEITE)
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(100 KHz, 0.1 Vrms, 8 mA)
(P1-P2 : P3-P6) 350µH 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 MIN
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

ELECTRICAL SCHEMATIC M3D01
ELEKTRISCHER SCHALTPLAN



LED SPECIFICATIONS
LED ANWEISUNG

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 rights reserved. Only for Information. To insure 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 MOD - JACK MJIMV 1x1, 8C8T, VERTICAL, INT. MAG., LED	1 (2/2) A3
	www.ERNI.com		203289	Class MJIM

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