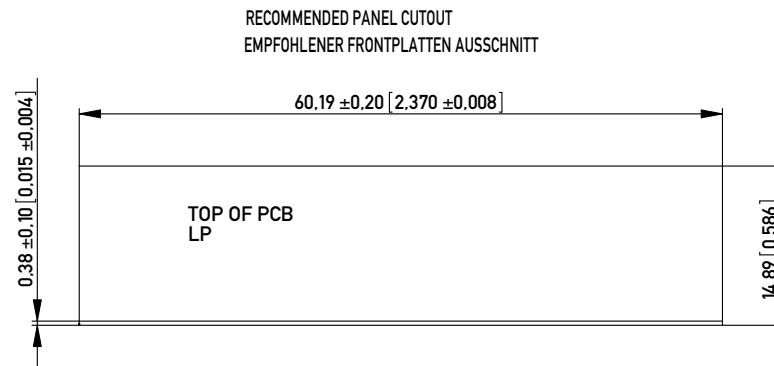
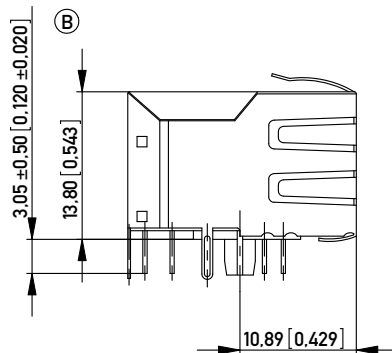
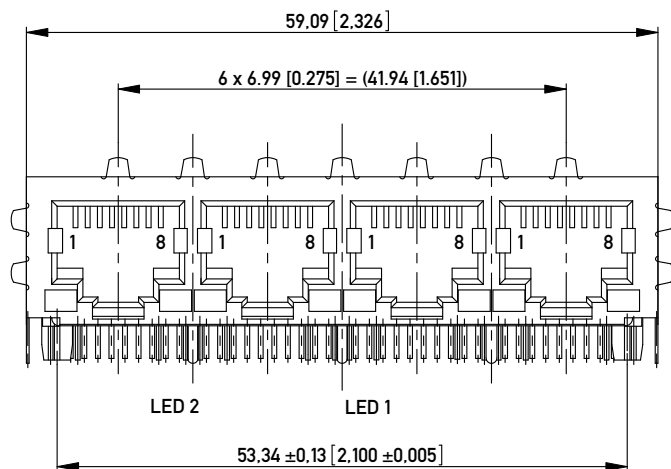
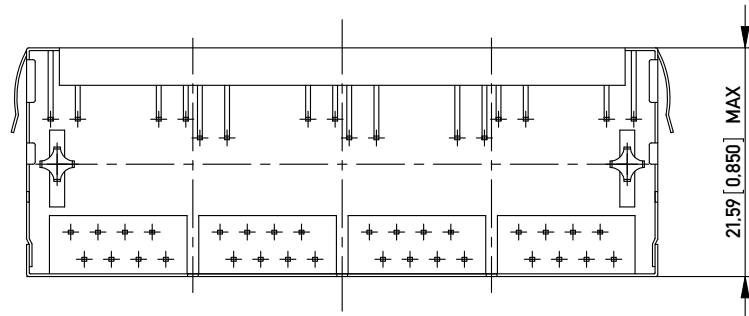




NOTE 1: REAR SHIELD TABS BETWEEN EACH PORT (T)
NOTE 2: SIDE GROUND TAB REAR OF PEG 3.05 mm (R)
NOTE 3: PANEL GROUND FLANGES BOTH SIDES, BOTTOM AND TOP (GF5)

	NO. IDENT.-NR.	LED 2 LEFT LED 2 LINKS	LED 1 RIGHT LED 1 RECHTS	LED CODE
a	203294	YELLOW	GREEN	L1
a	203295	GREEN	YELLOW	L2
a	203296	GREEN	GREEN	L3
a	203297	GREEN	RED	L4
a	203298	RED	GREEN	L5
	203282	YELLOW	YELLOW	L8
a	203299	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 (B)
LED LENS: EPOXY

MECHANICAL CHARACTERISTICS

DURABILITY: 1000 MATING CYCLES

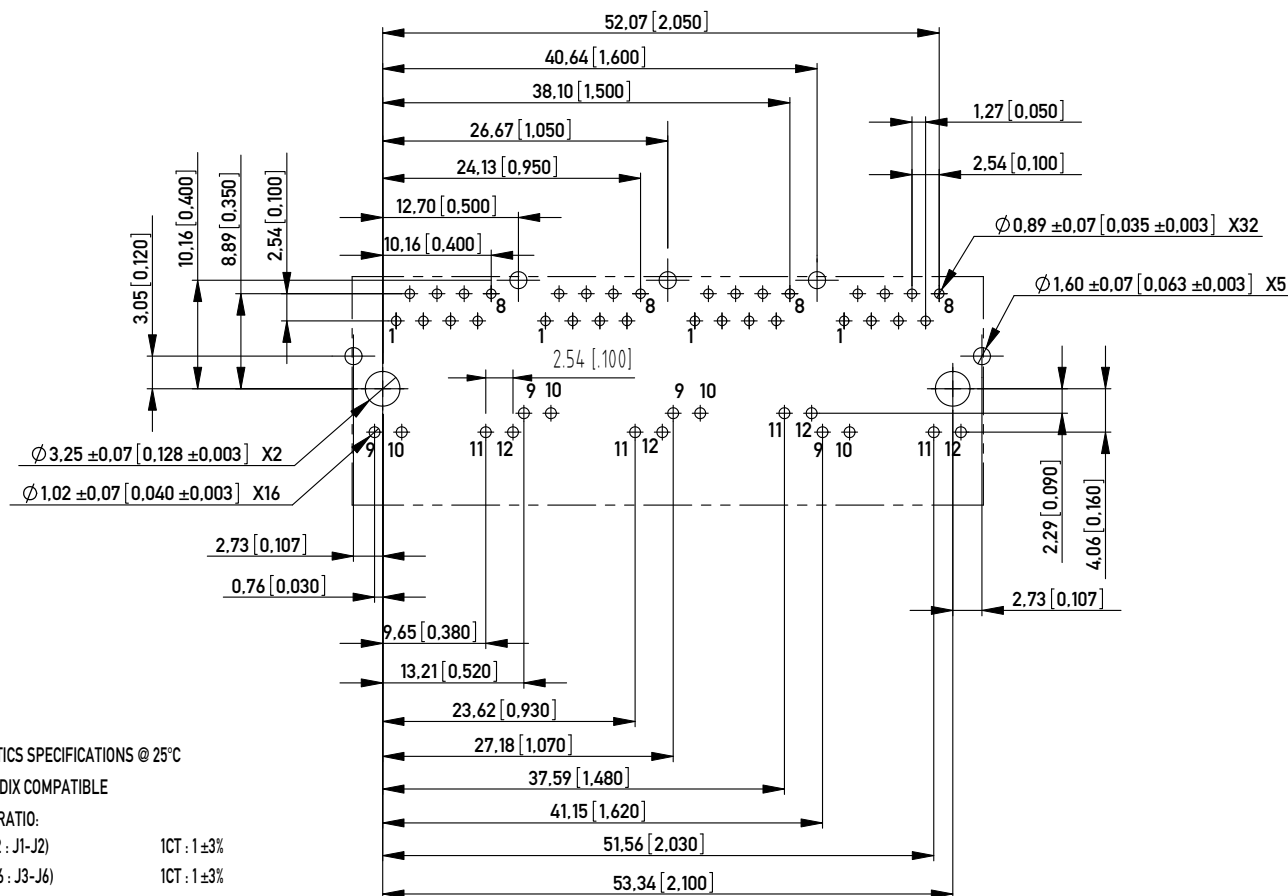
ELECTRICAL CHARACTERISTICS

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

Information:		Tolerances		Scale 1:1	
SCHEMATIC NO: M3D01		 All Dimensions in mm		Designation MOD JACK - MJIM 8C8T, 1x4, INT. MAG., LED	
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.		 www.ERNI.com			
B		09.06.2008		I (1/2)	
Index		Date		A3	
				Class MJIM	

Consider protection memo from DIN 34

RECOMMENDED PCB LAYOUT - COMPONENT SIDE VIEW
EMPFOHLENES LEITERPLATTEN-LAYOUT (BESTÜCKUNGSSEITE)
ALL TOLERANCES ± 0.05 [0.02] UNLESS NOTED



MAGNETICS SPECIFICATIONS @ 25°C

AUTO MDIX COMPATIBLE

URNS 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 MIN
50 MHz: -13.6 dB MIN
60 - 80 MHz: -12 dB MIN

CROSSTALK:

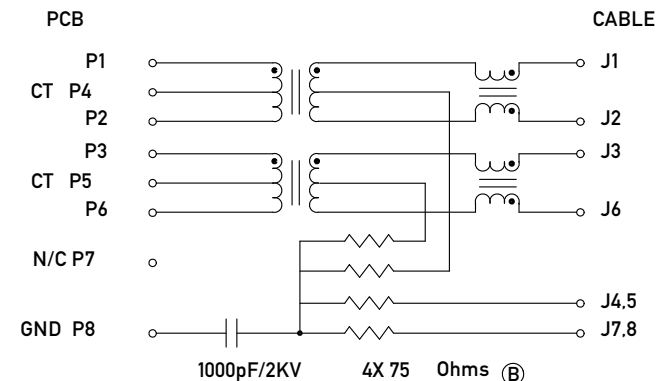
1-100 MHz -40 dB TYP

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

a

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 All Dimensions in mm	Scale 1:1
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. www.ERNI.com	Designation MOD JACK - MJIM 8C8T, 1x4, INT. MAG., LED 203293 I (2/2) A3
	Class	MJIM

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[ERNI Electronics:](#)

[203294](#) [203295](#)