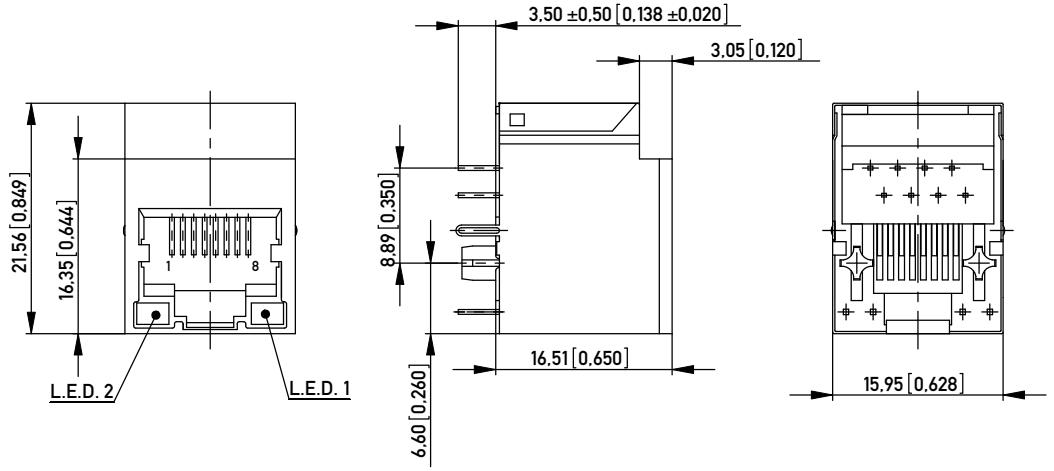
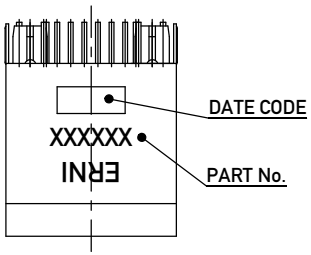
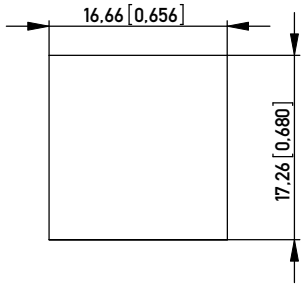




RECOMMENDED PANEL CUTOUT
EMPFOHLENER FRONTPLATTEN AUSSCHNITT



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
203401	GREEN	YELLOW	L2
203412	YELLOW	GREEN	L1

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
OPERATING TEMPERATURE: -40°C TO 85°C

Information:
SCHEMATIC NUMBER: H3D01

Tolerances

All Dimensions in mm [in]

Scale 2:1

Designation
MOD JACK - MJIMV
1x1, 8C8T, VERTIKAL, INT. MAG., LED

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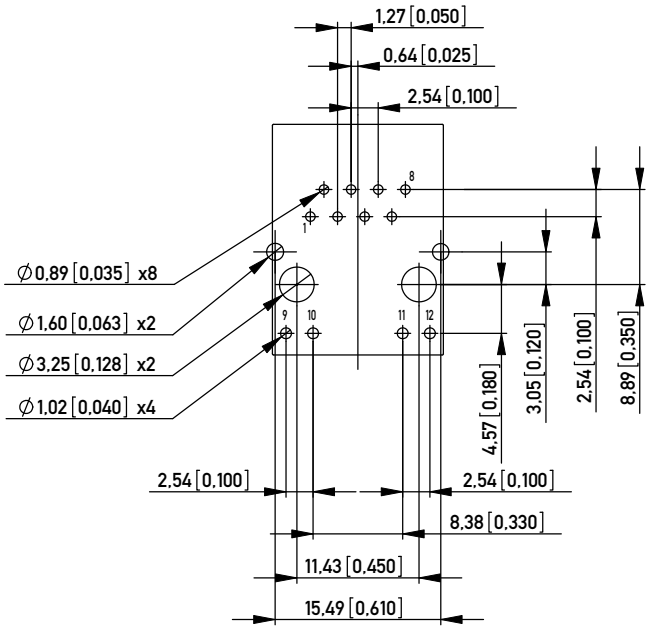
203411

I (1/2)
A3

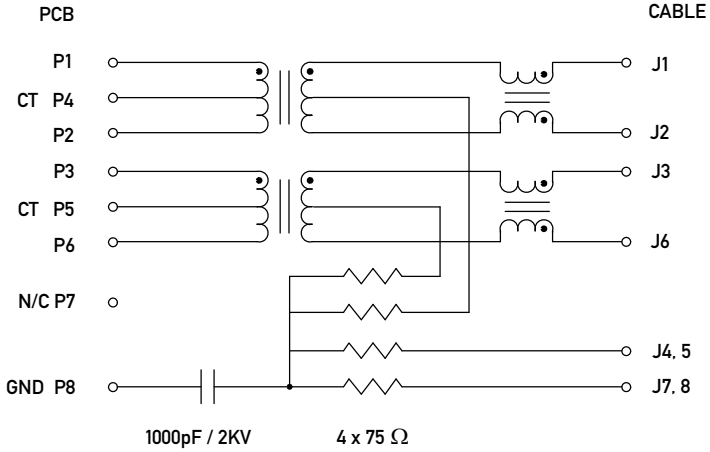
Index		Date	
A		15.08.2006	

Class MJIM

RECOMMENDED PCB LAYOUT (COMPONENT SIDE VIEW)
EMPFOHLENES LEITERPLATTEN-LAYOUT (BESTÜCKUNGSSEITE)
TOL ±0.05 [.002] UNLESS NOTED



ELECTRICAL SCHEMATIC - 10/100 BASE TX - H3D01
EXTENDED TEMPERATURE RANGE
ELEKTRISCHER SCHALTPLAN



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
ISOLATION:	1500 Vrms

LED SPECIFICATIONS
LED ANWEISUNG

COLOR FARBE	V_f TYP	V_f MAX	I_f mA	CIRCUIT DIAGRAM SCHALTPLAN
YELLOW	2.1	2.5	20	11 12
GREEN	2.2	2.5	20	9 10

Information:

Tolerances

All Dimensions in mm [in]

Scale 2:1

Subject to modification without prior notice.
Drawing will not be updated.

Designation

MOD JACK - MJIMV

1x1, 8C8T, VERTIKAL, INT. MAG., LED

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I (2/2)

A3

Class MJIM